# ANNUAL Report

2022 2023



National Centre for Sustainable Coastal Management Ministry of Environment, Forest & Climate Change Anna University Campus, Chennai 600 025

## NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

## ANNUAL REPORT





National Centre for Sustainable Coastal Management Ministry of Environment, Forest & Climate Change Anna University Campus, Chennai 600 025

#### **Published by**

National Centre for Sustainable Coastal Management (NCSCM) Ministry of Environment, Forests and Climate Change Anna University Campus, Chennai

#### Copyright

National Centre for Sustainable Coastal Management (NCSCM)

NCSCM Annual Report is not a priced publication. The report pertains to the research work carried out during 2022-2023 and includes unprocessed data which would form basis for scientific publications in future. No part of this report shall be reproduced or transmitted in any form without written permission of the Director, NCSCM, MoEF&CC, Chennai.

#### Citation

NCSCM Annual Report 2023. National Centre for Sustainable Coastal Management, Ministry of Environment, Forests and Climate Change, Government of India. Pp<sup>139</sup>

## CONTENTS

1.	Ab	out NCSCM1
2.	Vis	ion and Mission2
	Ge	neral Body4
	Hig	h Powered Research Steering Committee (HPSC)5
		verning Council (GC)6
		nagement Committee (MC)6
3.	Div	risions of NCSCM
3.	.1.	Coastal Environmental Impact Assessment (CIA)
3.	.2.	Conservation of Coastal and Marine Resources (CMR)9
3.	.3.	Futuristic Research (FTR)
3.	.4.	Geospatial Sciences (GEO)
	.5.	Integrated Social Sciences and Economics (ISE)
	.6.	Integrated Island Management (IIM) - (A Unit of FTR) 14
3.	.7.	Knowledge, Governance and Policy (KGP) 15
4.	Pa	rtnerships & Networking16
5.	Ke	y Research Activities
5.	.1.	Holistic Conservation and Integrated Management Plan of Wetlands 19
-	.2.	Safety Risk Assessment and Bathing Water Quality Testing in three Beaches
-	-	lia
-	.3. ie G	Joint study on Seaweed Cultivation, Potential and Ecological Safeguards in sulf of Mannar, Tamil Nadu (along with ICAR-CMFRI and CSIR-CSMCRI) 24
-	.4. Iana	Long Term Monitoring Plan for the Ecosystem based Conservation agement for Bhitarkanika Conservation Area Phase –II
5.	5.	Mangrove Community Zonation Atlas of India
5.	.6.	Enhancing Climate Resilience of India's Coastal Communities
5.	7.	South Asia Nitrogen Hub Project (UKRI-GCRF, UK - 2021-2024)
	.8. 2022	Circular Economy Solution preventing Marine Litter in three Ecosystems 2-2024)
		Linking the Land-based Activities with Ecosystem Dynamics of Pulicat Lagoon lia60
6.		creditation and Certification of NCSCM63
7.	Kn	owledge dissemination and Capacity Building (Including virtual workshop,
mee	eting	gs and conferences)
7.	.1.	Research Articles
7.	.2.	Technical Reports
7.	.3.	Factsheets & Brochures
8.	Ca	pacity building (Training / Internships)

9.	Revenue Generation Projects	73
10.	Events (2022 – 2023)	76
11.	Right to Information	95
12.	Audit Report (FY2022-2023)	99



## 1. About NCSCM

The National Centre for Sustainable Coastal Management (NCSCM) was established by the Ministry of Environment, Forest and Climate Change (MoEF&CC) in 2011, as an autonomous institution to support the protection, conservation, rehabilitation, management, and policy advice of the coast. NCSCM supports the nationwide adoption of the Integrated Coastal Zone Management (ICZM) approach by utilizing decision support systems based on cutting-edge science and knowledge and through networking with communities, government structures, and relevant reputable national and international institutions.

India has a long coastline of 7,500 km, harbouring diverse ecosystems and unique biodiversity. However, the coast faces myriad issues including destruction and degradation of the rich ecosystems, pollution from agriculture run-offs, domestic and petrochemical industries, and importantly, the vast coastal population exerting pressure on the natural resources for livelihoods and sustenance. Moreover, the coastal and marine waters are also potential areas for development, which is promoted by the Government to support economic growth. Realizing the necessity for an integrated approach towards coastal management and conservation, the Government of India embarked upon the Integrated Coastal Zone Management Project (ICZMP) for the holistic development of the coast within the regulatory framework of Coastal Regulation Zone (CRZ) Notification, 2011 and the Island Protection Zone (IPZ) Notification, 2011.



## 2. Vision and Mission



#### Vision

Promote sustainable coasts through increased partnerships, conservation practices, scientific research and knowledge management for the benefit and wellbeing of current and future generations.



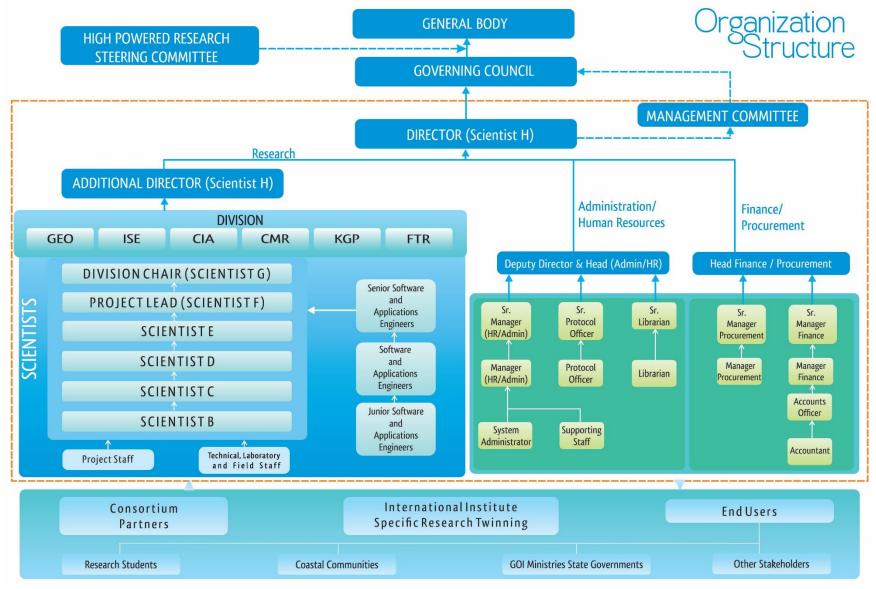
#### Mission

Support integrated management of the coastal and marine environment for livelihood security, sustainable development and hazard risk management by enhancing:









## **General Body**

S. No.	Name of the Member		
1	Hon'ble Union Minister for Environment, Forests and Climate Change,		
	Government of India		
2	Prof. M.S. Swaminathan, Member of Parliament (Rajya Sabha)		
3	Dr. K. Kasturirangan, Member, Planning Commission		
4	Shri. Madhav Gadgil, Member, National Advisory Council		
5	Secretary, Ministry of Environment, Forests and Climate Change		
6	Dr. Shailesh Nayak, Secretary, Ministry of Earth Sciences		
7	Dr. K. Radhakrishnan, Chairman, ISRO, Bangalore		
8	Vice Chancellor, Anna University, Chennai		
9	Additional Secretary, MoEF		
10	Registrar, Anna University, Chennai		
11	Financial Advisor, MoEF&CC		
12	National Project Director, SICOM, MoEF&CC		
13	Adviser, Impact Assessment Division, MoEF&CC		
14	Adviser (E&F), Planning Commission		
15	Chairman, Central Pollution Control Board		
16	Prof. A. Jayaraman, National Atmospheric Research Laboratory, Tirupati		
17	Prof. M. Sekar, Dean, College of Engineering Guindy, Anna University,		
	Chennai		
18	Director, NCSCM, MoEF&CC		
19	Director, National Institute of Ocean Technology, Chennai		
20	Director General, Survey of India, Dehradun		
21	Director, National Remote Sensing Centre, Department of Space		
22	Director, National Institute of Oceanography, Goa		
23	Director General (Fisheries), ICAR, New Delhi		
24	Director, NLSIU, Bangalore		
25	Director, Centre for Climate Change and Adaptation Research, Anna University, Chennai		
26	Secretary, Environment and Forests Department, Government of Gujarat		
27	Secretary, Environment and Forests Department, Government of Maharashtra		
28	Secretary, Environment and Forests Department, Government of Goa		
29	Secretary, Environment and Forests Department, Government of Karnataka		
30	Secretary, Environment and Forests Department, Government of Kerala		
31	Secretary, Environment and Forests Department, Government of Tamil Nadu		
32	Secretary, Environment and Forests Department, Government of Puducherry		
33	Secretary, Environment and Forests Department, Government of Andhra Pradesh		
34	Secretary, Department of Environment, Government of Orissa		

S. No.	Name of the Member		
35	Secretary, Environment Department, Government of West Bengal		
36	Additional Director and Head of Administration and Human Resources Development Unit of NCSCM		
37	Six Divisional Chairs of NCSCM		
38	Two representatives of NGOs engaged in development and social service activities in the coastal areas (one from the east coast and one from the west coast, nominated by the General Body)		
39	Two representatives of coastal communities (one representative of the traditional coastal fisherpersons, and one representative of the traditional non-fishing trade of the coastal areas) (Nominated by the General Body)		
40	Three women, of BPL families from among the traditional coastal communities, one each from three coastal states, nominated by NCSCM upon a majority decision of the General body provided it is duly recommended by the Governing Council. Each application for membership should be proposed and seconded by members of the General Body.		

## High Powered Research Steering Committee (HPSC)

S. No.	Name of the Member		
1	Hon'ble Union Minister for Environment, Forests and Climate Change, Government of India [Ex-Officio Chairperson]		
2	Prof. M.S. Swaminathan, Member of Parliament (Rajya Sabha) [Expert Member]		
3	Dr. K. Kasturirangan, Member, Planning Commission [Expert Member]		
4	Dr. K. Radhakrishnan, Chairman, ISRO, Bangalore [Expert Member]		
5	Secretary, MoEF&CC [Ex-Officio Member]		
6	Vice Chancellor, Anna University, Chennai [Ex-Officio Member]		
7	Adviser, Impact Assessment Division, MoEF&CC [Ex-Officio Member]		
8	Director, National Centre for Sustainable Coastal Management, Anna University Campus, Chennai [Ex-Officio Member]		
9	National Project Director, SICOM, MoEF&CC [Ex-Officio Member- Secretary]		

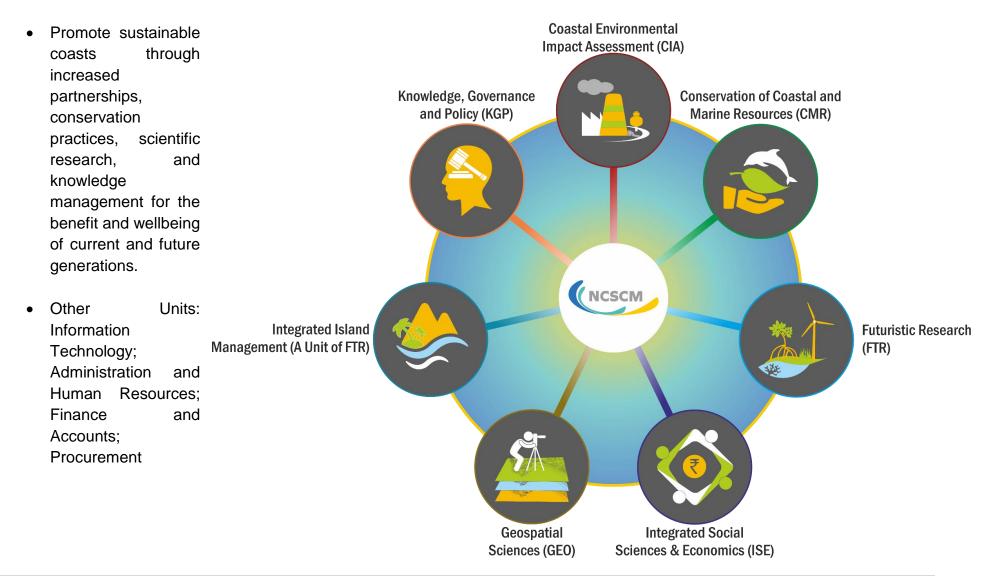
## Governing Council (GC)

S. No.	Name of the Member			
1	Vice Chancellor, Anna University, Chennai [Ex-Officio Chairperson]			
2	Secretary/ Additional Secretary, MoEF [Ex-Officio Member]			
3	Director, National Remote Sensing Centre, Department of Spa			
	Government of India [Ex-Officio Member]			
4	Registrar, Anna University, Chennai [Ex-Officio Member]			
5	MOEF&CC [Ex-Officio Member]			
6	The Adviser (E & F), Planning Commission [Ex-Officio Member]			
7	Director, NIO, Goa [Ex-Officio Member]			
8	Director General, Survey of India, Dehradun [Ex-Officio Member]			
9	Director, NIOT, Chennai [Ex-Officio Member]			
10	Director, NLSIU, Bangalore [Ex-Officio Member]			
11	1 Director, Centre for Climate Change and Adaptation Research, An			
	University, Chennai [Ex-Officio Member]			
12	Chairman, CPCB [Ex-Officio Member]			
13	Director General (Fisheries), ICAR, New Delhi [Ex-Officio Member]			
14	Dr. K. Radhakrishnan [HPSC Representative]			
15	Dr. K. Kasturirangan, Member, Planning Commission [Expert Member]			
16	Shri. Madhav Gadgil, Member, National Advisory Council [Expert Member]			
17	Dr. Shailesh Nayak, Secretary, MoES [Expert Member]			
18	Prof. A. Jayaraman, National Atmospheric Research Laboratory, Tirupati			
	[Expert Member]			
19	Prof. M. Sekar, Dean, College of Engineering Guindy, Anna University,			
	Chennai [Expert Member]			
20	Director, NCSCM [Ex-Officio Member-Secretary]			

## Management Committee (MC)

SI. No.	Name of the Member	
1	Special Secretary/Additional Secretary, MoEF&CC handling CRZ matter	
	(Chairperson)	
2	National Project Director, SICOM (Member)	
3	Director, NCSCM (Member Secretary)	

## 3. Divisions of NCSCM





#### 3.1. Coastal Environmental Impact Assessment (CIA)

The Coastal Environmental Impact Assessment Division (CIA) would undertake systematic monitoring and integration of environmental, social and economic impacts to overcome critical pollution limits on the coast and the adjoining marine environment.

CIA Division would provide input and advice on all components of coastal environmental impact assessment. This would incorporate components of a cumulative effect's assessment, including identification of sources of environmental impacts, notably- industrial expansion along the coast, port development, waste disposal from land based and sea-based sources, coastal aquaculture etc. The division would study all relevant aspects to establish baseline environmental conditions of specific coastal areas and the cumulative environmental, economic and social effects of regional development prospects on coastal and marine resources and environment. The CIA Division would suitably advise management measures for CVCAs in the coastal and marine areas. Studies to be conducted by the CIA Division include:

- Apportionment of coastal and marine pollution hotspots
- Study of Sentinel Sites
- Impact of urbanization on coastal megacities
- Coastal ecosystem health (including development of coastal Water quality index and report card)
- River Mouth System, incl. Deltas and Estuaries and coastal Aquifers
- Development of guidelines for cumulative analysis of coastal Infrastructure Development Projects
- Nutrient management and HABs

Additionally, a set of valuable coastal ecosystem components (viz. river mouths, deltaic systems, coastal aquifers, mangrove forests, coral reefs in addition to many others) was examined, focusing on circulation and siltation, coastal water quality, sediments and the benthic community. Based on observations, "tipping points", to determine cumulative impacts arising from the aggregate of human activities, was developed. A comprehensive assessment of ecosystem health was developed using Ecosystem Health Indicators for use in driving policy decisions. This is to enhance and support the science, management and restoration of coastal ecosystems through the integration of geographically detailed assessments and forecasts.

#### 3.2. Conservation of Coastal and Marine Resources (CMR)

The Conservation of Coastal and Marine Resources Division (CMR) develops guideline strategies for conservation and long-term sustainable use of coastal and marine resources that encompass societal interests and the integrity of ecosystems.

The primary mandate of CMR is to guide the use of the living and non-living natural resources for diverse, and often conflicting, sectoral activities, so that the continued viability of all aspects of resource usage and ecosystem health can be secured. The important aspect is to Strategy the conservation of coastal and marine resources in ways that promote human wellbeing, for present and future generations. Key issues in the management of coastal resources include the loss of biodiversity and habitats through human-related pressures, and the impacts of biodiversity loss to coastal livelihoods. The CMR Division provides inputs to the KGP Division to help promote knowledge about coastal and marine ecosystems and their functioning for effective ecosystem-based management. The CMR Division devise strategies and plans along with the ISE Division for reduction of current and emerging pressures on the coastal and marine resources through adaptive management and co-management activities.



The CMR division undertake research studies on the following key topics:

- Development of Critically Vulnerable Coastal Area (CVCA) management strategy/ plan
- Mapping of ESAs
- Mapping of coastal mineral resources
- Coastal ecosystem modelling
- Development of restoration strategies/ plans for degraded coastal and marine habitats

The CMR investigate the interactions between natural coastal resources and the coastal communities, with a view to establish the level of sustainable utilization, and thereafter the adoption of conservation ideas in the integrated coastal zone management plans in the country.

#### 3.3. Futuristic Research (FTR)

The Futuristic Research Division (FTR) pursue innovative research and assess technological, policy and societal responses to inform adaptation and mitigation strategies to achieve sustainability and improve the resilience of coastal community.

The objectives of the FTR Division are twofold: I) energy security for coastal community and ii) climate change adaptation and mitigation for improved resilience. This division assess risks, impacts and vulnerabilities through regional and decadal scale analysis and models by improving the benefits from forecasts of future environmental conditions and their consequences for people. Through innovative research, this division examine the potentials of energy security from renewable sources and those that have neutral impacts on other aspects of coastal sustainability.

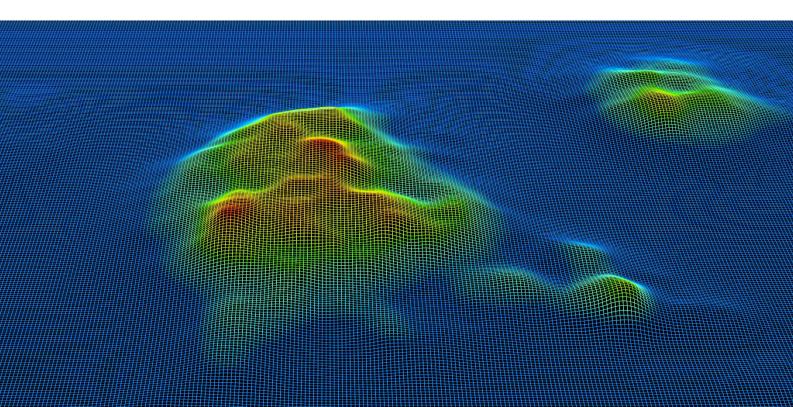


This include harnessing the potential of offshore wind energy for climate change adaptation and energy security in coastal regions of India. In another dimension, the FTR undertake advanced research towards minimizing carbon emissions and maximizing carbon sequestration and storage by sea grasses, tidal marshes and mangroves. The studies make an important contribution by ensuring that climate change concerns are better integrated with ongoing or planned activities that support ecosystem integrity including the management and use of bio-diversity resources. The FTR conducts targeted research and monitoring to quantify the greenhouse gas emissions from coastal ecosystems including those due to ecosystem degradation, land-based pollution and land use change. The FTR's core strength is on cutting-edge work in paleoclimate reconstruction, geochronology, modelling, and synthesis. Paleoclimate reconstructions is used as windows into physical mechanisms of climate change, and its implications on socio-ecological, coastal and marine systems. The aim of FTR is also to quantify and predict the impact of ocean acidification on bio-diversity and ecosystem functioning and the potential industrial scale production of biodiesel from halophyte cultivations.

Some of the key innovative research FTR conducted includes:

- Offshore renewable and non-conventional energy source potential (macropicture)
- Algal/ Halophyte cultivation for Bio-diesel (Industrial scale production)
- Blue carbon studies
- Coral bleaching
- Ocean acidification
- Invasive Alien Species
- Greenhouse gas fluxes from coastal ecosystems
- Urbanization of coastal zones

FTR's concerns include the vulnerability of coastal populations to natural disasters, and those related to climatic change.





#### 3.4. Geospatial Sciences (GEO)

The Geospatial Sciences Division (GEO) is designed to provide information on the state of the coastal and marine environment through advanced observing and forecasting systems. The aim of the GEO Division is to examine the application of Geographic Information Systems (GIS) and Remote Sensing (RS) to coastal management, coastal and marine monitoring, and hazard assessment. The primary thrust of this division is to develop a "Shoreline Management Plan" for the coastal states of India, including its Island territories.

- Erosion Mapping Hazard Line Mapping (with inputs from Survey of India)
- Coastal Geomorphology
- Sediment Cell delineation
- Mapping, delineation and demarcation of Ecologically Sensitive Areas (ESAs)
- Mapping, delineation and demarcation of Critically Vulnerable Coastal Areas (CVCAs)
- Land-use Zoning
- Coastal protection measures
- Bathymetry
- Coastal process studies
- Sea-Use Zoning

The prime focus of GEO is to integrate coastal data and information to help guide management efforts such as coastal and marine spatial planning, and coastal zoning to derive science-based strategies towards Integrated Coastal Zone Management Plan (ICZMP).



#### 3.5. Integrated Social Sciences and Economics (ISE)

The Integrated Social Sciences and Economics Division (ISE) conducts inter- and transdisciplinary research which takes account of coupled natural, social and economic systems.

ISE's key focus is on community-based approach to coastal vulnerability and coastal management. This division actively addresses the social-ecological dynamics in coastal systems, and the transitions towards an ecosystem approach and other means to address integrated coastal management. Methods include ecological and social field studies (inventories, interviews), meta-analysis, and theoretical development. The goal is to reduce vulnerability of coastal populations, especially to natural hazards that are likely to be exacerbated by climate change and to ensure true participation of community in coastal management for sustained benefits. Research interests of ISE include social aspects of coastal management, traditional knowledge, and regional and national level solutions for livelihood security and improved community level resilience against coastal hazards.

A few key examples of studies conducted by the ISE Division include:

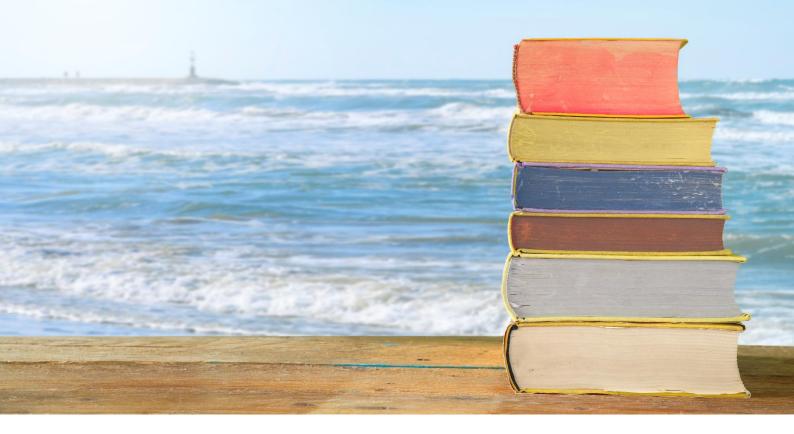
- Socio-cultural profile of all traditional coastal communities
- Livelihoods Survey including development of coastal profile
- Survey and Mapping of fishing spaces
- Traditional Ecological Knowledge
- Customary and traditional institutions and Governance

- Assessment and valuation of coastal resources (living and non-living)
- Economic assessment of Ecosystems (Use and non-use values)
- Development of Co-management regimes
- Collect policy relevant economic indicator data on the economic value of the coastal and marine ecosystems
- Provide economic data and analysis to improve coastal and marine area management

#### 3.6. Integrated Island Management (IIM) - (A Unit of FTR)

The goal of the IIM is to help ensure the future socio-ecological sustainability of the Indian islands, Andaman and Nicobar and the Lakshadweep by preparing an Integrated Island Management Plan. The IIM undertake scientific approaches, coupled with indigenous knowledge for the better management of the islands and its resources. The IIM consider the indigenous governance structures and knowledge – particularly in tribal dominated islands. The islands being pristine areas, this division undertake long-term historical analysis including monitoring of the oscillations of crucial environmental variables.

The IIM develops guidelines for hazard preparedness and evolve climate change adaptation and mitigation strategies for the Islands. Some of the major goals are to develop integrated island management / green island economy concept and to explore, in conjunction with island populations, ecotourism development as a particular option. The IIM provided tools for mainstreaming Disaster Risk Management based on experiences from selected island countries worldwide. The IIM division undertakes specific research to enhance the resilience of the island communities; will help in building regional capacity in risk management, and prepare long-term guidelines for integrated coastal management plans.



#### 3.7. Knowledge, Governance and Policy (KGP)

The Knowledge, Governance and Policy Division (KGP) facilitate the overarching requirement in the area of knowledge and skills development in coastal management, considering the needs of the research community, stakeholders, policy makers and the society. The KGP Division integrate data relevant to coastal management and create a national scientific knowledge base that facilitates improved decision making and policy formulation at the highest government and sectoral levels. The KGP Division undertake the following major programs:

- Collection of all international best practices in ICZM and analysis of appropriate ICZM practice that can be used/ adopted in India with suitable modifications
- Preparation of the evolution of ICZM ideas in various countries
- Information on all base Coastal Zone Acts and judicial pronouncements of all countries to be collected
- A database of all judicial pronouncements related to coastal areas from the various Indian High Courts and the Supreme Court; and the Environmental Tribunals
- Guidelines for the preparation of ICZM Plan for State/ UT Governments (including sub-plans such as shoreline management plan) was evolved
- Training of trainers for integrated coastal planning and management
- Compilation of database and analysis of gender issues in coastal areas
- Communicating science and policy to the coastal communities and other key stakeholders
- Creation of a National database repository for coastal management

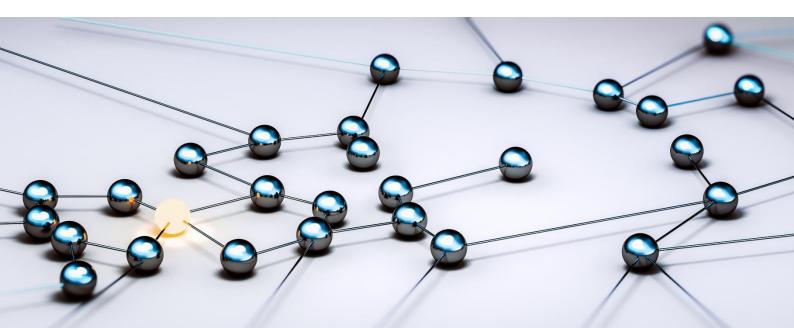
The KGP work as a central repository for the dispersed information on the Indian coast. The division prepares guidelines for the preparation of ICZM plans for State/UT governments including the various strategies to be evolved by the other departments such as for shoreline management. Coastal management requires all the stakeholders to be interconnected at different scales in order to share information, knowledge and data to solve problems and conflicts facing the coastal area and livelihood of the coastal communities.

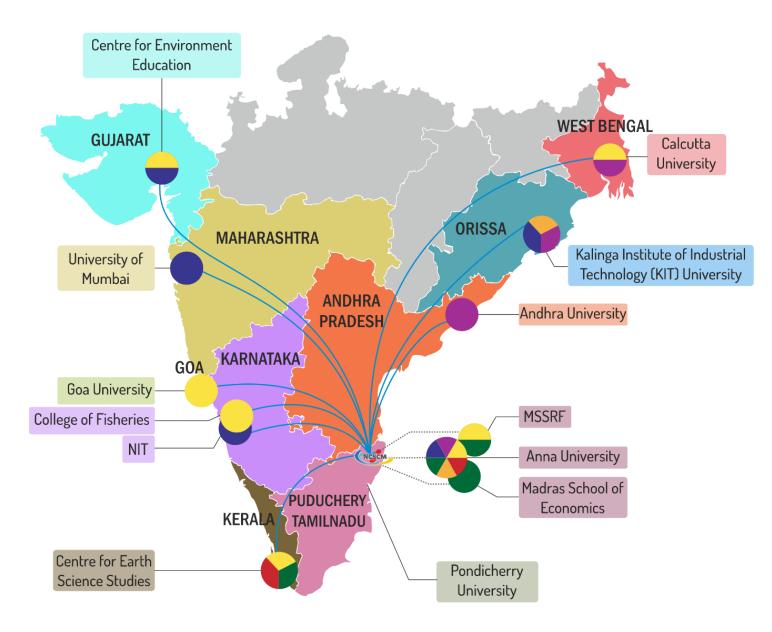
The division also enable networking at the local, regional, national and global levels. The KGP division is also be active in communicating science at various levels, especially at the local level in the vernacular. Training of trainers and other capacity building programmes are organized periodically to build a strong and viable system for sustainable coastal management.

## 4. Partnerships & Networking

The issues related to the coast are too diverse and complex to be addressed by one research organization and hence there is a need to strengthen the capacity of regional universities and research units along the coast so as to be the research partners of NCSCM, Chennai. The idea is novel and NCSCM is the first central research organization to have such a focused collaboration with regional universities. Fourteen institutions have formed a consortium with the National Centre for Sustainable Coastal Management.

NCSCM has put in place a road map for strengthening and expanding the existing NCSCM consortium, stakeholder network and prioritizing the community interface. NCSCM supports its partner consortium institutes by strengthening their core area of research, and building capacities on the core research mandates of the NCSCM. Such networks and partnerships will formalize multidisciplinary interactions in order to effectively address key coastal research problems. Research proposals are being prepared by the CIs jointly with the scientists of NCSCM in order to address the coastal issues through systematic research.





## **NCSCM DIVISIONS**





## 5. Key Research Activities

5.1	Holistic Conservation and Integrated Management Plan of Wetlands
5.2	Safety Risk Assessment and Bathing Water Quality Testing in three Beaches of India
5.3	Joint study on Seaweed Cultivation, Potential and Ecological Safeguards in the Gulf of Mannar, Tamil Nadu (along with ICAR- CMFRI and CSIR-CSMCRI)
5.4	Long Term Monitoring Plan for the Ecosystem based Conservation Management for Bhitarkanika Conservation Area Phase –II
5.5	Mangrove Community Zonation Atlas of India
5.6	Enhancing Climate Resilience of India's Coastal Communities
5.7	South Asia Nitrogen Hub Project (UKRI-GCRF, UK - 2021-2024)
5.8	Circular Economy Solution preventing Marine Litter in three Ecosystems (2022-2024)
5.9	Linking the Land-based Activities with Ecosystem Dynamics of Pulicat Lagoon in India



#### 5.1. Holistic Conservation and Integrated Management Plan of Wetlands

#### Name of the Scheme/Programme: National Plan Conservation Aquatic Ecosystems (NPCA)

Wetlands and related ecosystems are playing an important role in ensuring supply of food, water and providing climate security. They are amongst the most productive ecosystems on Earth providing several key ecosystem services. Due to their distinct geographical distribution, water regimes, water quality, biodiversity (flora and fauna) and sediment characteristics they support diverse and unique habitats. At the same time, wetlands are extremely fragile, subjected to severe human alterations- hence becoming ecologically sensitive systems. Globally, the areal extent of wetland ecosystems ranges from 917 million hectares (m ha) (Lehner and Döll, 2004) to more than 1275 m ha (Finlayson and Spiers, 1999) with an estimated economic value of about US\$15 trillion a year (MEA, 2005).

As per the Convention on Wetlands of International Importance (Ramsar Convention), wetlands are defined as "areas of permanent or periodic/ intermittent inundation, whether natural or artificial, with water that is static or flowing, fresh, brackish or salt, including areas of marine water the depth of which at low tide does not exceed 6m".

India has a wealth of wetland ecosystems, existing in diverse geographical regions ranging from the Himalayas to the coastal plains. The available estimates on the areal extent of wetlands in India vary widely from a lowest of 1% to highest of 5% of the total geographical area but do support nearly a fifth of the known biodiversity (SAC, 2011). The most important priority at this juncture therefore is to adopt a balanced management approach addressing biodiversity conservation values while providing

for sustainable utilization in a way compatible with the maintenance of natural properties of the ecosystem. Wetland conservation and management has challenges that could benefit from a multidisciplinary perspective. The emergence of multidisciplinary strategies is providing new opportunities and innovative approaches to address issues such as climate change and wise use of wetlands.

#### **Objectives:**

- 1) Create a national database on Indian wetlands including transboundary- for information needs related to wetland management
- 2) Undertake cutting-edge research and development on key wetland challenges for management and maintaining wetland ecosystem health
- 3) Incorporate climate resilience as a core concept in the design and implementation of integrated management plans for wetlands
- 4) Evaluate and monitor the implementation of interventions for conservation, restoration, integrated management and wise use of wetlands
- 5) Develop modules and impart inter- and multi- disciplinary customized courses on various aspects of wetland management to enhance wetland managerial capacity
- 6) Advice the government and other stakeholders on policy and scientific matters related to wetlands.
- 7) Create a Platform for Information Exchange between various wetlandstakeholders
- 8) Network with wetland managers within the South Asia region to promote South-South exchange of best practices and lessons learnt in wetland management (long term)
- 9) Promote traditional knowledge and local capacity in management and wise use of wetlands

No.	Activities	Outputs	Outcomes
I	THRUST AREA 1: RESEARCH AND DEVELOPMENT		
1	Web portal, database and Inventory	Comprehensive and holistic national wetland inventory and national wetland extent tracked	<ul> <li>Dynamic knowledge repository for wetlands</li> <li>Providing a single point of access for information dissemination about the country's wetland sites, projects, initiatives, and trainings.</li> <li>A platform for citizens to learn more about wetlands and become involved in their conservation and management.</li> </ul>
2	Undertake research on wetland protection intertwining environmental, ecological, socio- economic aspects and governance concerns	<ul> <li>Healthy, functioning natural wetlands, improved human livelihoods and sustainable development</li> <li>Links between wetland functions, services and values and between wetland ecology, functioning, wetland economics and values established</li> <li>Economically feasible use of ecologically fragile resources of wetlands through eco-tourism established</li> <li>Capturing synergies between wetlands and carbon cycle management, adaptation and resiliency to further enable policy makers and practitioners to protect wetland carbon and climate adaptation/ resiliency ecosystem services such as fisheries</li> <li>Network of Ramsar Sites and other wetland areas enhanced.</li> <li>Wetland mapping integrated into local planning (in Master Plans) for wise use and preparation of Integrated Wetland Management and Conservation Plan.</li> <li>State of Wetland Reports developed periodically to enable decision support for management</li> </ul>	<ul> <li>Management-oriented research to address knowledge gaps and improve the application of best practices in wetland management.</li> <li>Formulation of Nature tourism</li> <li>Actions to conserve wetland carbon and link the wetland to Green credit Programme</li> </ul>

## Holistic Conservation and Integrated Management Plan of Wetlands

No.	Activities	Outputs	Outcomes
3	Holistic Conservation, Restoration and Integrated Management	Integrated Wetland Management developed for identified wetlands	<ul> <li>Enabling integrated management to ensure sustained provision of full range of ecosystem services and improve their biodiversity</li> <li>Management strategies to particularly contribute to Sustainable Development Goals (SDGs) – SDG6 (Clean Water and Sanitation); SDG13: Climate Action; SDG14: Life Below Water; and SDG15: Life on Land</li> </ul>
	THRUST AREA 2: TRAINING		
4	Capacity Building – Training and Skill Development (provide training, enhance knowledge, and develop adaptive capacity towards wise use of wetlands)	Training and skill develop for managerial staff, stakeholders, and youth	<ul> <li>Enhance digital outreach and preparation of wetland management guidelines for knowledge disseminations</li> </ul>
5	Knowledge and Advisory Support (address the knowledge gaps to support decision-making for State/ UT Wetland Authorities- on wetlands conservation, management and governance)	Knowledge and Advisory Support developed for wetland conservation, management, and governance	<ul> <li>Knowledge enhancement of SWAs to better management of the wetlands</li> </ul>
	<b>THRUST AREA 3: OUTREACH</b>		
6	PartnershipandNetworking(increasetheknowledgebase,effectiveness,andstrengtheningexistingstate,nationalandtransboundary networks for sharing anddisseminatinginformationandgoodpractices on wetland conservationandand	Network and partnership developed with state and UT authorities	<ul> <li>Technical backstopping for Amrit Dharohar implementation through collaboration among various knowledge partners and SWAs.</li> </ul>
7	Community Interfacing and Outreach	Interpretation Centres, Demonstration sites and outreach material prepared	<ul> <li>Disseminate information to raise people's awareness and sensitivity to the wise use and conservation of wetlands.</li> </ul>

## 5.2. Safety Risk Assessment and Bathing Water Quality Testing in three Beaches of India

Beaches provide a variety of ecological services, which directly and indirectly, bring many types of benefits to humans. Beaches are always tourist attraction for the recreational purpose. The choice of beaches that tourist choose depends on the quality of environment and mainly near shore water quality. Indian beaches provide a large range of recreational opportunities for the tourist and help in promoting economic activities important to coastal communities. The Ministry of Environment, Forest and Climate Change, with a view to protect and conserve the environment and control and abate pollution in beaches and the adjacent sea waters, have been surveyed along Iddya Beach, Karnataka, Sonapur Beach, Odisha, Bangaram and Kadmat Beach Lakshadweep for the purpose of internationally recognised "Blue Flag" Certification; whereas the stringent "Blue Flag" Certification Standards calls for responsible and sustainable amenities and infrastructure development, cleanliness, safety and security services etc.

**Overall Project Objectives** 

- 1. Conducting Beach Suitability Assessment Survey (BSAS) considering various physical, ecological, environmental, social, and legal parameters.
- 2. Assess the risk and safety associated with various water activities
- 3. Documentation of ecology and biodiversity of the identified beach
- 4. Periodically assess beach water quality and provide site-specific interventions to mitigate the pollution load if any (e.g. beach litter, marine debris, plastics, solid waste, waste water)
- 5. Preparation of beach profile report



## 5.3. Joint study on Seaweed Cultivation, Potential and Ecological Safeguards in the Gulf of Mannar, Tamil Nadu (along with ICAR-CMFRI and CSIR-CSMCRI)

#### Name of the Scheme/Programme: Pradhan Mantri Matsya Sampada Yojana

More than 90% of the seaweeds processed annually worldwide are harvested from mariculture practices. Farmed seaweeds represented 97.1 percent by volume (biomass) of the total of 32.4 million wet tonnes (US\$13.3 billion) tonnes of wild-collected and cultivated aquatic algae (FAO, 2020). Although technology for seaweed farming has been developed in India, large scale culture was not prevalent in our country until recently. The scenario has reversed since the commercial scale culture of *Kappaphycus alvarezii* in India since early 2000s. Culture of seaweeds has contributed in expanding livelihood options and has brought benefits in terms of enhanced income and local employment, but has also been accompanied by some conflicts with other users of the coastal zone and concerns over potential environmental impacts. In India, studies on commercial-scale cultivation of seaweeds and its implication on the health of the surrounding coastal/ marine waters has been in limited focus. The joint study aims to fill the lacuna that barring a few sporadic reports on the bio-invasion of introduced seaweeds, the potential impacts of large-scale seaweed farming on the sensitive coastal environment are still unclear.

#### **Global Seaweed Cultivation**

Farming of seaweeds is a relatively robust form of aquaculture. World production has been characterized by exponential growth during the last 50 years and more than tripled between 2000 and 2018, from 10.6 million tons to 32.4 million tons (Mt) (FAO, 2020). While seaweed farming is expanding rapidly in a few countries and slowly gaining acceptance in others, it is still far from becoming a common practice in most of the ~150 countries and territories of the world endowed with coasts. However, the already significant increase in the production of and demand for farmed seaweeds is indicative of their potential as a significant complement to agricultural crops. Besides extensive coastal areas, vast expanses of sea might be turned into ecofriendly cultivated fields.

*Kappaphycus alvarezii*, an economically important tropical red seaweed with its high demand worldwide for a cell wall polysaccharide, carrageenan. Over the past fifty, significant interest was devoted to the red seaweed, *Kappaphycus alvarezii* (Doty) Doty (Rhodophyta, Gigartinales, Areschougiaceae), as a source of industrially important source of carrageenan. The farming of this seaweed started in southern Mindanao in latter half of the 1960s in the Philippines using the local varieties selected from the wild. The farming has then expanded to other parts of the world, e.g., Indonesia, Fiji, Micronesia, Vietnam, China, South Africa.

Realizing the potential for commercial extraction of carrageenan, K. alvarezii was introduced to many countries for research, development, and commercialization by researchers and phycocolloid companies. Kappaphycus has been introduced to more than twenty countries in the past four decades for the development of farming efforts. Additionally, cultivar enhancement programs utilizing molecular techniques to increase productivity and to resist disease, herbivory, and epiphytism were also undertaken. As farming operations expanded, growing apprehensions over the impact of the introduction of exotic species to new environments, their interactions with endemic species, and its effect on biodiversity were also reported. However, after four decades of introductions resulting in Kappaphycus being the most widely cultivated commercial eucheumoid, there are only a few Environmental Impact Assessment (EIA) studies addressing the ecological impacts of K. alvarezii on the environment, even though recommendations for EIA studies have been suggested. Out of the 33 publications available on the impact of seaweed cultivation include (i) seagrass -5studies, (ii) meiofauna and diversity – 6 studies (iii) Corals – 8 studies, (iv) herbivorous fish assemblages – 2 studies and (v) overall no change – 2 studies.

#### Seaweed Culture in India

The first attempt for seaweed culture was conducted in culture ponds in the year 1964 at Porbunder (Thivy, 1964) by attaching small plants of *Sargassum* to coir (palm ropes) net, which paved way for the possible cultivation of Sargassum and other seaweeds in India. Central Salt and Marine Chemicals Research Institute (CSMCRI), a constituent lab of Council of Scientific and Industrial Research (CSIR) and Central

Marine Fisheries Research Institute (ICAR-CMFRI) have undertaken pioneering research on culture of marine algae in India. CSMCRI and ICAR-CMFRI have undertaken experimental mariculture of seaweeds such as *Gelidiella acerosa*, *Gracilaria edulis*, *Sargassum wightii*, *Gelidiopsis variablis*, *Acanthophora spicifera*, *Hormophysa triquetra*, *Hypnea valentiae* and *Ulva lactuca*.

Several cultivation techniques such as long line method, net culture, bottom culture, solid and hollow cylindrical cement blocks, single rope floating raft technique and bamboo rafts have been so far evaluated depending on the type of seaweed to be cultivated. *Gelidiella acerosa* is a red seaweed species with potential for large-scale culture and various experimental trials have been conducted Recently, suspended stone (SS) method has been developed for achieving higher biomass yield (528 to 3645 g fresh wt m<sup>-2</sup>).

A detailed study on the socio-economic dimensions of seaweed farming in India was carried out by Krishnan and Kumar (2010) for *Kappaphycus alvarezii* culture undertaken in selected coastal villages of Ramanathapuram district.

These technologies together with the improved process for cultivation of *Kappaphycus alvarezii* (US Patent No. 6,858,430) has provided the much-needed impetus for promotion of seaweed cultivation industry in India in recent times. *Kappaphycus* seaweed production in the country is gaining prominence and has registered an 11-fold increase between 2005 (120 tonnes dry weight and 2010 (1350 tonnes dry weight).

#### India's Blue Economy

India's Blue Economy can be defined as a subset of the national economy comprising of the entire system of ocean resources and man-made economic infrastructure in marine, maritime and the onshore coastal zones within India's legal jurisdiction, which aid in the production of goods and services and have clear linkages with economic environmental growth, sustainability and national security. The Blue Revolution would be further expanded by promoting aqua culture, cage



culture, seaweed and algal harvesting and sustainable marine capture by adopting an

eco-system approach to fisheries management. Mariculture such as production of algae will be promoted by enunciating a comprehensive National Mariculture Policy. Government of India is encouraging coastal states to take up seaweed farming under the Pradhan Mantri Matsya Sampada Yojana (PMMSY) which places thrust on it as a means of job creation. In the 2021-22 budget, Union Finance Minister has announced a Multipurpose Seaweed Park in Tamil Nadu and considering seaweed farming "an emerging sector with potential to transform the lives of coastal communities".

#### Objectives:

#### I. Environmental Monitoring

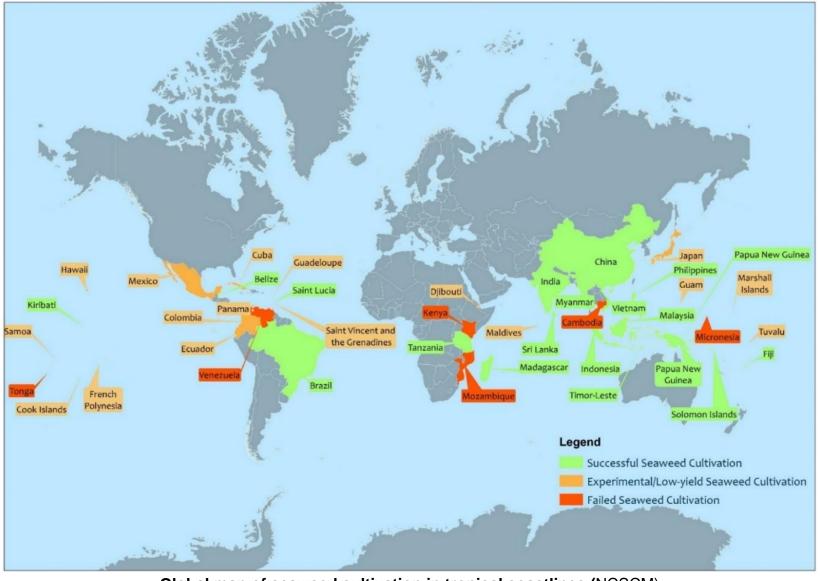
- 1. Identify the drivers of environmental change due to seaweed farming
- 2. Assessment of water quality from proposed six seaweed culture sites to evaluate baseline conditions, during culture and post-harvest at Gulf of Mannar and compare with the existing culture sites at Palk Bay
- 3. Undertake hydrodynamic surveys to determine waves, tides and currents at the farming sites and adjacent coastal waters
- 4. Determine organic carbon and nitrogen concentration in the surface sediments and particulates- from the culture sites and in the adjacent ecologically sensitive areas
- 5. Assessment of Plastic debris (including microplastics)

#### II. Ecological Monitoring

- 1. Assess primary productivity and plankton (phyto and zoo) community structure during and post seaweed cultivation in the experimental farms at Gulf of Mannar and in existing farms at Palk Bay in comparison to baselines prior to commencement of farming
- 2. Assessment of fish diversity, meiobenthic, benthic population epiphytes and epizooites at the experimental farming sites at Gulf of Mannar and in the existing farms at Palk Bay
- 3. Seaweed-Microbial interactions and key functions of seaweed-associated bacterial communities

#### III. Impact Assessment

- 1. Hydrodynamic modelling of waves, tides and currents to determine the flow conditions to the seaweed farm and the connected habitats
- 2. Determine impacts (both positive and negative) on ecologically sensitive areas such as coral reefs and seagrass ecosystems by assessing the coral health index and sea life index in systems adjacent to the seaweed farming sites
- 3. Evaluation of impacts (if any) on coral and seagrass health and herbivore fish population
- 4. Evaluation of the impact of seaweed farming on the fish diversity, meiobenthic, benthic population, epiphytes and epizooites
- 5. Preparation of guidelines for environmental and ecological safeguards.



Global map of seaweed cultivation in tropical coastlines (NCSCM)

### Seaweed Cultivation, Potential and Ecological Safeguards in the Gulf of Mannar, Tamil Nadu

S. No.	Activities	Outputs	Outcomes
1	a) Environmental Monitoring		
	Identification of drivers of environmental change due to seaweed farming	Better understanding on the environmental and ecological impacts/ benefits of long-term seaweed farming	Identification of the precise drivers of environmental change due to the seaweed farming
	Water quality assessment during culture and post-harvest at Gulf of Mannar and compare with the existing culture sites at Palk Bay	at the proposed culture sites and the surrounding coastal/ marine waters.	A baseline for the water quality parameters of the study area and to evaluate the changes occurring during culture and post-harvest
	Hydrodynamic surveys to determine waves, tides and currents at the farming sites and adjacent coastal waters		Obtain a simulation with the hydrodynamic components and understand the fate of the seaweed debris and its mass flux in the other regions
	Organic carbon and nitrogen concentration in the surface sediments and particulates		Baseline and the changes in organic carbon and nitrogen concentration in the surface sediments and particulates from the culture sites
	Assessment of Plastic debris (including microplastics)		Baseline information on the artificial material such as plastic fragments and Microplastics in the area and its source determination
2	b) Ecological Monitoring		
	Primary productivity analysis and plankton (photo and zoo) community structure during and post seaweed cultivation	Understanding of the diversity and the changes in the microbes, phytoplankton, zooplankton, fish	Resolve the gaps in understanding of the environmental and ecological impacts of seaweed cultivation on the coastal
	Fish diversity, meiobenthic, benthic population, epiphytes and epizooites	diversity, meiobenthic population, epiphytic life.	environment, coral reef and seagrass ecosystems.
	Seaweed-Microbial interactions and key functions of seaweed-associated bacterial communities		

S. No.	Activities	Outputs	Outcomes
3	c) Impact Assessment		
	Hydrodynamic modelling of waves, tides and currents	Influence of hydrodynamics on flow patterns surrounding the culture sites	Measures to minimize the associated environmental risks and to promote
	Impacts (both positive and negative) on ecologically sensitive areas such as coral reefs and seagrass ecosystems (coral health index and sea life index)	Effects due to the deployment of rafts including shading and mechanical trampling	sustainable seaweed culture
	Evaluation of impacts (if any) on coral and seagrass health and herbivore fish population		
	Impact assessment of seaweed farming on the fish diversity, meiobenthic, benthic population and epiphytes	Changes in fish diversity, meiobenthic population, epiphytic life, sensitive coastal habitats such as coral reefs and seagrasses;	
4	d) Guidelines		
	Preparation of guidelines for environmental and ecological safeguards.	Preparation of an environmental and ecological safeguards Guideline to balance environmental risks and benefits of long-term seaweed cultivation	seaweed farming, monitoring, impact
5	e) Reporting		
	Interim and Final Reports		t barring a few sporadic reports on the bio- e potential impacts of large-scale seaweed ronment are still unclear.



#### 5.4. Long Term Monitoring Plan for the Ecosystem based Conservation Management for Bhitarkanika Conservation Area Phase –II

#### Name of the Scheme/Programme: OFSDS Project, Government of Odisha

Bhitarkanika Conservation Area is a rich, lush green, vibrant ecosystem lying in the estuarine region of Brahmani, Dhamra and Baitarani rivers in the north-eastern corner of Kendrapara District, Odisha, and East coast of India. It covers an area of 2731.92 km<sup>2</sup> (Figure 1). Bhitarkanika consists of two Protected Areas: (i) Bhitarkanika Sanctuary and (ii) Bhitarkanika National Park.

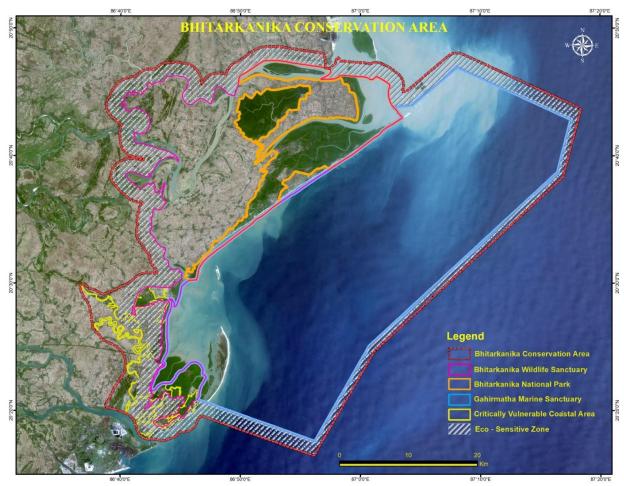
#### Bhitarkanika Sanctuary

Bhitarkanika Sanctuary spreads over an area of 721.97 km<sup>2</sup> including the protected forests, rivers, creeks and lands of Rajnagar, Rajkanika, Aul, Pattamundai, Talchua Marine, Tantiapal Marine, Jambu Marine and Mahakalpada Police Stations. The sanctuary encompasses 358 villages within its boundary. Bhitarkanika was the first Wildlife Sanctuary of the State to be declared in 1975 under Wildlife (P) Act, 1972. On getting approval of the Competent Authority, State Government in Forest & Environment Department vide Notification No. 2289 Dated 01.02.2020 notified the Bhitarkanika Sanctuary u/s 26 A of the Wildlife (Protection) Act, 1972 as per proposal of rationalization of sanctuary boundary. As per the new notification 36 uninhabited villages (33 in Rajnagar and 3 in Rajkanika Tahasils) are to be acquired on payment

to Revenue Department as per valuation to be made by the Collector. Further, 322 habited villages will remain inside the sanctuary limit as ringed out villages. Relocation of all 322 villages to outside would be a tremendous task requiring huge amount of money, alternate land and other logistics.

#### Bhitarkanika National park

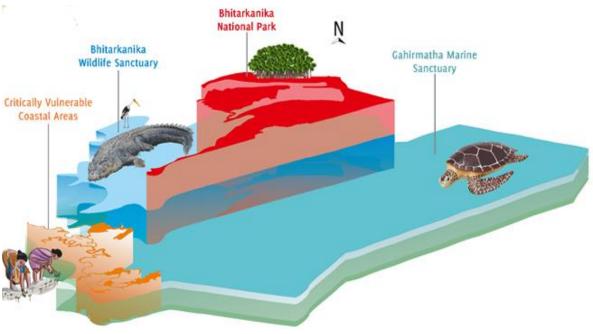
A total of 241.88 km<sup>2</sup> of mangrove area along with rivers, creeks and water bodies without any human habitation has been declared as Bhitarkanika National Park. The limits of National Park is considered as the internal boundary of the Protected Area. Amongst the mangrove communities at least 24 associations have been identified in the National Park Besides the rich wildlife of the National park includes estuarine crocodile, resident and migratory birds and a wide variety of flora and fauna. The core area is surrounded by villages all around it. As many as about 100 villages close to the National Park boundary are dependent on the National Park for partial subsistence. Bhitarkanika Conservation Area is bordered by the Bay of Bengal in the east, villages of Kendrapara District in the west, Baitarani, Brahmani and Dhamra Rivers in the north and the Mahanadi delta in the south, holding a population of around 0.9 million.



Boundary map of Bhitarkanika Conservation Area

A network of creeks with Bay of Bengal on the east intersects the area. The site has four different ecosystems, namely, terrestrial, freshwater, estuarine and marine ecosystems and varies in genetic and ecological diversities (Fig. 1-2). The peripheral areas in the buffer zones have numerous ornithologically important wetlands and are listed as IN 310 (A1, A4i) under Important Bird Areas (IBA). The estuarine region of the Bhitarkanika Conservation Area (BCA) can be classified into the outer funnel shaped estuarine zones and the inner narrow estuary. Tidal inundation causes heavy silt deposition and detrital content of the mangrove vegetation. The Government of Odisha declared this area as a sanctuary in 1975 for better protection of the habitat. Later, the core area (145 km<sup>2</sup>) of the sanctuary was declared as National Park in 1998. The total mangrove area is a mixture of 13 protected reserve forests (PRF), 12 protected forests (PF) and one newly formed island (Pattnaik et al., 2008). Due to its rich diversity in flora and fauna, this mangrove area has been declared as a Ramsar site (No. 1205) in 19 August 2002, as wetland of international importance.

Bhitarkanika presents a variety of habitats, microhabitats and climatic conditions. Therefore, the floral and faunal component and its diversity are extremely high in comparison to other mangrove forest areas of India. The food and shelter are not limiting factors in Bhitarkanika, hence the biodiversity is extremely rich in this mangrove ecosystem. BCA has 300 plant species belonging to 80 families of both mangroves and non-mangroves. It supports one of the largest mangrove plant diversity in India and 82 species of mangrove and its associates have been recorded. Fifty-five of the 58 Indian mangrove species and 3 species of Sundari (*Heritiera s*pp.) including *H. kanikensis*, has been reported from BCA.



Ecological habitats of Bhitarkanika Conservation Area

Nalia grass, *Myriostachia wightiana*, found in the tidal banks and Bahumurga climber, *Flagellaria indica*, found in the mangrove forest, are used for basket and rope making. *Phoenix paludosa* is exploited for thatching purposes. Wild strains of salt-resistant paddy occur in these habitats and have immense potential for cultivation in salt-affected soils along the east coast of India. Bhitarkanika Sanctuary is a home for the largest number of saltwater crocodiles in the country. The wetland also hosts a large and diverse population of resident and migratory birds from Central Asia and Europe that congregate in Mathadiha heronry, an area of approximately 2.5 hectares within the Bhitarkanika Forest Block near Suajore creek during June to October every year providing living space for about 30,000birds. The animals that are associated with the mangroves cover a wide range of vertebrate and other invertebrates including protozoans and plankton.

The vertebrate faunal resources include a wide variety of fishes, amphibians, reptiles, birds, and mammals (including aquatic mammals). Also, the numerous wetlands scattered throughout the sanctuary serve as feeding and wintering grounds for more than 50,000 migratory birds during winter and early summer months. The Sanctuary has the World's largest mass nesting ground (Rookery) for the endangered Olive Ridley sea turtles (*Lepidochelys olivacea*), namely, Gahirmatha Beach, which separates the mangroves from the coastal waters of Bay of Bengal. Apart from being rich in biodiversity, BCA has immense social and cultural values. A large proportion of the local economy is reliant on the thriving fishing industry of *Hilsa ilisha*, and *Mullet spp*. The area is also an important source of fishes, like *Latescal carifer*, and *Mystus gulio*, and prawns, such as *Penaeus indicus* and *P. monodon*. Nearly 3000 to 5000 Kgs of honey are collected every year from February to May (Chadha and Kar, 1990), especially by the honey collecting tribe, 'Daleis'.

Presently, there are 900 revenue villages and hamlets in and around Bhitarkanika Conservation Area. The local population use mangrove forest for their day-to-day needs (e.g. firewood, fibre, timber, fishing poles and posts etc.). Although the area has protected status and legally no extraction is permitted, the villagers living in Bhitarkanika Conservation Area are directly or indirectly dependent on the mangroves for their basic needs and livelihood. This is resulted in humongous increase in stress on this ecosystem.

#### **Objectives:**

- 1. Environmental and Ecological Monitoring
- 2. Environmental Monitoring of Microplastics in BCA
- 3. Assessment of eco-flows to the BCA
- 4. Biodiversity Assessment
- 5. Ecosystem Goods and Services
- 6. Significance of BCA mangroves in climate mitigation
- 7. Ecosystem Health Report Card 2022 for BCA
- 8. Capacity Building

	Objectives		Activities	Outcomes
1	Activity 1:Environmental and Ecological	1.1	Monitoring	Monitoring of mangrove ecosystem health on real-time basis
	Monitoring	1.2 1.3		Long-term trend observation and capacity building to undertake monitoring post NCSCM observations
		1.4	Periodic Monitoring for Atmospheric Pollutants	Understanding influence of adjacent port activities on ambient air quality in BCA
2	Activity 2: Environmental Monitoring of Microplastics in BCA	2.1. 2.2.		Impact of microplastics and marine litter its ecological ad social impacts
		2.3	Characterization, fate and transport of microplastics	
3	Activity 3: Assessment of eco-flows to the BCA	3.1.	Assessment of discharge of freshwater into the BCA through major rivers/ creeks.	Quantum of freshwater essential for long-term sustenance of the diverse mangrove
		3.2.	Bathymetry of the major creeks	ecosystem and associated wildlife of BCA.
		3.3.	Assessment of Shrinkage in major creeks due to lack of freshwater flow and tidal flux	Assessment of siltation in major creeks that do not receive tidal water even during spring tides
4	Activity 4. Biodiversity Assessment	4.1.	Understanding change in vegetation dynamics based on changing environmental settings	Identification of suitable species for restoration in degraded areas of BCA
	-	4.2	Characterization of mangrove for resilience to changing climate	Delineation of mangrove variability with salinity gradient and sediment characteristics
		4.3	Permanent 'preservation' plots for monitoring eco-sensitive changes in BCA	Re-establishing and monitoring 'preservation plots' are indicators of climate change in comparison to other mangrove areas within the BCA
		4.4.	Lichen diversity in the BCA mangroves - seasonality and as indicators of air pollution	Lichens as indicators of air pollution - considering the presence of two major ports on the east and west flanks of the BCA
		4.5	Fish diversity and fish resource availability	Fisheries diversity in the BCA

	Objectives		Activities	Outcomes
		4.6.	Wild rice varieties in BCA	Identification of high saline - resistant species – resilience to sea level rise
		4.7.	Installation of Camera traps at multiple locations	Identification of rare and endangered species of animals & their distribution and habitat use.
5	Activity 5. Ecosystem Goods and Services	5.1.	Household surveys for determination of site- specific ecosystem goods and services in BCA and to capture community perception	Identification of ecosystem values, monetization of goods and services
		5.2.	Inclusion of crocodile in Ecosystem goods and services	Direct and indirect benefits of crocodile in the BCA
		5.3.	Livelihood analysis for enhancing capitals and capabilities for sustainable living	Trends in ecological and physical indicators in the BCA and way forward for its conservation management
		5.4.	Participatory Coastal Resource Assessment	Understand people's perception in 'wise use' of mangrove related resources
6	Activity 6: Significance of BCA mangroves in	6.2	Assessment of carbon stocks, carbon storage and sequestration rates	Quantification of blue carbon stocks and sequestration by mangroves of BCA as CO <sub>2</sub>
	climate mitigation	6.3	Real Time Emissions inventory of CO <sub>2</sub> , CH <sub>4</sub>	and CH₄ sinks
7	Activity 7 Ecosystem Health Report Card 2022 for BCA			<ul> <li>Development of long-term database of 4 years and</li> <li>periodic Health report cards</li> <li>Web map application as decision making tool</li> </ul>
8	Activity 8. Capacity Building			<ul> <li>Establishing environmental and ecological laboratory at Dangmal and building capacity of the Forest personnel for environmental survey and analysis (now under progress)</li> <li>Capacity building of Forest officials to undertake monitoring</li> </ul>

#### Bhitarkanika ecosystem health is "Excellent" A

increase in mangrove cover due to afforestation.

The Bhibridina to Conservation Area, which includes the Eco Sensitive Zone. Bhibridian to Wildle Sonctury, Birchardrin Mailload Prink, Chilleria y Valenetishi Couzal Area, and the Gainmartha Warris Sentrutry as well a Monroad (Charandri Inargioves), a boltacia of the Bhibridian to Health Report Call. The arriver response of (2022) Anymore in control that the sentence of the State and the State and programmer devices of the State Andrine (Charandri and State), and the State and the State and the State and the State Andrine (Charandri and State), and the State and the State and the State and the State Andrine (Charandri and State) and the State and the Main and the State and the State and the Main and Bharandrine (Charandri Angressian), which is a state of the Angressian Angressian and the Angressian Angre care. Overall water rutality (Dissolved Inarganic Nitragan and Phospharus - Nutrients) was faund to have ecreased from "Excellent" to "Good" from the previous year.

#### A Dhamra A Bhitarkanika This is the main interconnecting chonnel facilitating proper flashing in the coremongrovezone. This river forms as the confluence of the Brahmoni and Baitariani rivers and joins the Bayor Bengal. Brahmani This is a perennial ri and feeds the ent mangrove region v freshwater. A' Gahirmatha Marine Sanctuary Maipura Gahirmatha is the work argest nesting beach for Oli Ridley Turtles, separates t mangroves from the coas wotersofBay ofBengal. u h of the Mair river one the location of the first reported moss nesting of Olive Rid cy Turtles. A. Bhitarkanika Conser A 90-100% Excellent Eco Sensitive Zone 80-90% Good Mahanadi Rhitarkanika Wildlife Sanctuary 70-80% Moderat The Mahanadi is a perennia river manifold to the state of Odishe for its sit deposits and fertile soils. Morginal

Bhitarkanika National Park

Gahirmatha Marine Sancteary

Bhitarkanika is a hotspot of rich biological diversity

Based on ecological and water quality indicators, the Bhitoritanika Conservation Area received on A (1913) overall. Except for Zooplankton, all other ecological indicators are in excellent condition. Billey, follow turtiles, indication and ecological indicators (1904) in the down, which a steady increase over the last few years. Secch depth, which represents water turbidity, was the poorest performing indication water audity, which call de bartitude to creativitations.

Phytoplankton

A

Improving <

Critically Vulnerable Constal Area F 0-60% Very Poor

acquatic food chains and ecosystem health. Their primar

D 60-70% Poor

No Change 🔽 Dodino

٧

A

Mangroves

With respect to the year 2021, no appreciable change is abserved in mangrove coverforthe year 2022 About 0.25 sq. km (25 hp) of new mangrove

 $\mathbf{A}^{+}$ 

ater crocodiles

ng the 2023 annual reptile census, 179

Benthic found

whereas Ne

#### Nutrient Management for Future

Margroves are will enable to instruct containing by which can result in extraphication, a situation in which the enrichment of musima promotions there can be grand to diagra and other appaular photo. This might result in a 50 in the health and photosthych of margrowes which was die Farmful for other margines restrictions. To thege these ecosystems healthy and productive in this in conception with the site of the can be and the site of the site threshold value of nuclein: costs are defined to motion and real-cost the remaintent is estimated ones. Water applies (ball from 3 Machine 1 Management) and the definition motion sources that are made to the deside in the start is marginal and three in Generative in Generative intrapoper location of many marginal and the many and the definition motion sources. The tables and the start and the interpoper location of the marginal and the start and the s

practice waters.

3) Constaut singular forest buffers, systemly 15 to 30 metars wide, along the streams and majorials of changes

a) Loant: I handle sealer Janker Upstarty 15 to all runners uses. Development of the sealer Janker Upstarty 15 to all runners uses. Development of the sealer Janker Upstart I handle sealer the sealer than the sealer than the sealer than the sealer course ergonic matter (magnitic number). The sealer than the sealer than the sealer than the sealer course ergonic matter (magnitic number) and the sealer than the sealer than the sealer than the sealer course ergonic matter (magnitic number). The sealer than the sealer than the sealer than the sealer Development of the sealer than the sealer Development of the sealer than the sealer than the sealer than the sealer than the sealer Development of the sealer than the sealer than the sealer than the sealer than the sealer pool must and the promonegament decisions.

Acknowledgments Contact Notional Centre for Sustainable Coastal M (NCSCM) would like to thank the Orlisha Far Development: Project (DFSDP: Phase II) Environment Department, Government of Odeh Divisional Forest Officer tonomus Wildlife Div Rajnogor, Kendrapodo, 754225, Phone: 9437037370 Emoli: dforainagor 1990/arms

ecological data for this report cord. This report card ( jainty propried by NCSCM and OFSDP-1 under the "Long-term Monitoring Plan for Ecosystem Dr. Purvoja Romach Acting Director, National Centre for 5 nt of Bhitarcanika Com Areo" funded by the OFSDP - Phose II. a University Compar-



B

**Bird population** 

### 2021 - 2022 BHITARKANIKA **CONSERVATION AREA**

**BCA HEALTH REPORT CARD - 3** 2023

Water Quality

B

diversity index, and capepoids were the most obu-the greater influence of both morine and freel ensures the habitat is conducive for targe every represented by dense mongrove oct as nursery of fur fish because of the protection provided in the

A<sup>+</sup>

Zooplankton

Olive Ridley sea turtles

Gahirmatha Marine Sunctuary the world's largest rockery for the endangered Olive Ridley Sea Turcle (Lepidochelys olivacea) recorder

endangered Olive Ridley Sea Turcles. (Lepidochelys olivacea) recorded a,12,17a rests in 2023 which is a 2% increase compared to 2022 where 5,01,157 rests were recorded.

В

The preservation of water quality is critical to the structure of Bhiltarkanika a cosystem biocenoses. The turbid water characonniatic of mangrowes significantly contributed in lowering the water quality score. The nucleox concentration in the Galarimetha ragion was found to behigher than the previous year.

NATURE TRAIL

**BCA Mangrove Carbon Sink** 

BCA Mangrove Carbon Site in the second sec

conder homed greater potentials to a paralitylicit and oblisits whence. Nature Board carbon care bit of high quality in a or total of the start diversal in consistential and ensembles of a start. The comments of high bits or centry hybers the carbo bit diversal to start of the start of the start of the start of the major start of the constraint of the start of the start of the start of the carbon and parality of the start of the start of the carbon and parality of the start of the start of the carbon and parality of the start of the start of the carbon and parality of the start of the start of the start of the endown and parality of the start of the start of the start of the endown and placements of the start of the start of the start of the endown and placements of the start of the start of the start of the endown and placements of the start of the start of the start of the endown and placements of the start of the start of the start of the endown and placements of the start of the start of the start of the endown and the start of the endown and placements of the start of



I STATE IN

L

#### **Bhitarkanika Goods and Services**

EXERCISE AND A SECOND S crore/yr. The potential total economic benefits of Bhitarkonika ESAs have been estimated at Rs. 2700.22 crore / yr.

ESS in the Bhardamilia provide cultural services through touriem benefits indusing crocodile watching, turtle neutro, burding, screic boouls, and other recreation activities. Crocodile populaties have steadily increased in the Bhardandwild Wild Lie Sonetzyn, Crocodies adargerous predictors and they datab people and Bill Interack of the local communities. The concentration benefits that they datab people and Bill Interack of the local communities. The precentation benefits that they datab people and Bill Interack of the local communities. The concentration benefits and the strain section of the strain section banes, and Hesh. It has been estimated data various goods and services produced by a single mouned according scataming benefits communities that section values of traccolles shall support oversees aroution among the public and neever managers to protect the accords healablattor of involve Healablattor through participants managers and protect the accords healablattor of involve Healablattor and watches through participants and scataming the strain the strain section among the public and neever managers to protect the accords healablattor of involve Healablattor and involve the accords through participants and scataming the strain section accords the strain section accords the strain section accords and the strain section accords and the strain section accords the strain section accords and the strain section accords and the strain section accords the strain section accords and the strain section accords accords accords accords accords and the strain section accords accords

BHITADKANIKA

A

SAND DUNES

16.40

NESTING GROUND OF BIRDS

1644

0.039

MANGROVE 877.26

HORSESHOE CRABS HABITAT

### 5.5. Mangrove Community Zonation Atlas of India

Delineation of mangrove community/species zonation spanning across the nine coastal states and four union territories (2018-2021) are undertaken. Landsat 8 OLI is used for mangrove community zonation due to its spatial, spectral (30m - coastal, blue, green, red NIR, SWIR-1, SWIR-2), radiometric (12 bits rescaled to 16 bits) resolutions. The outputs include

- Mangrove Zonation Atlas (in digital form) depicting dominant mangrove species/ community distribution at 1:25000 SOI OSM grid for nine coastal states and 4 UTs
- Designing of atlas (A2 size) as per the 1:25000 SOI OSM grid
- Photo-documentation of dominant mangrove species/ communities
- State/ UT-specific write up of mangrove community distribution and area statistics
- Development of a dynamic web portal for cataloguing the spatial output for greater utilisation for mangrove conservation.

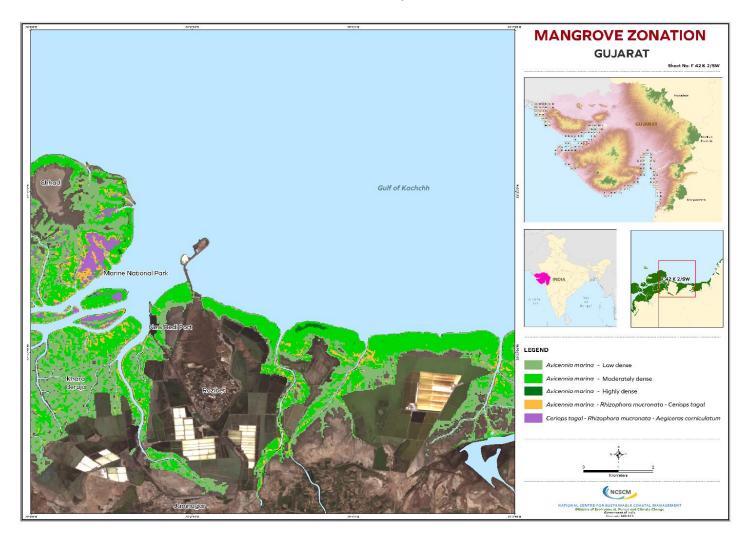
The output of the study is aimed at developing long term conservation and management plans by the concerned State Governments.

- Accordingly, field work for training set collection and accuracy assessment, LAI measurement and photo-documentation were conducted.
- 593 map sheets encompass all of India's mangrove forests
- Mangrove Zonation Atlas of Gujarat prepared

#### Key findings

- Gujarat harbours about 1505 sq km of mangrove vegetation, the dominant species being *Avicennia marina, Ceriops tagal, Sonneratia apetala* and *Aegiceras corniculatum*.
- Dominant mangrove zones of Sundarbans are Avicennia marina, Avicennia alba, Ceriops decandra, Exoecaria agallocha, Heritiera fomes and Phoenix paludosa mixed with other mangrove species of lesser proportion. The sate of West Bengal sustains 2112 sq km of mangrove cover.
- Andhra Pradesh sustains two major mangrove patches at Godavari and Krishna river estuaries. The Krishna river estuary is dominated by A. marina and Excoecaria agallocha, and the Godavari river estuary is dominated by A. officinalis, A.marina, A.alba and Excoecaria agallocha zones..
- The dominant species of Maharashtra includes Avicennia marina, Avicennia officinallis, Rhizophora mucronata, Rhizophora apiculata, Sonneratia alba, Aegiceras corniculatum, Luminitzera racemosa, Heretiera fomes, Excoecaria agallocha, Bruguiera cylindrica, Bruguiera gymnorrhiza, Ceriops tagal, Xylocarpus granatum etc. The state sustains 318 sq km of mangrove cover.

— Goa covers an area of 36 sq km of mangrove forest in which the dominant species are Avicennia officinallis, Avicennia marina, Sonneratia alba, Rhizophora mucronata, Sonneratia caseolaris, Rhizophora apiculata and Bruguiera gymnorrhiza. Mangrove associates like Derris trifoliata, Acrostichum aureum etc are also present.





#### 5.6. Enhancing Climate Resilience of India's Coastal Communities

Name of the Scheme/Programme: India | United Nations Development Programme (UNDP)

### Part A: Enhancing Resilience of Coastal and Marine Ecosystems and their Services

India has a long coastline of over 7500 km with a vast extent of diverse sensitive ecosystems and landforms that not only provide livelihood support to millions residing along the coast but also play an important role in protecting the coast and the coastal communities from various coastal hazards. The Indian coast is also vulnerable to the impacts of climate change as indicated in the INCCA report (2010). In the last decade, there have been a series of cyclonic storms of varying intensity that have resulted in extensive economic losses. While the number of casualties has gone down thanks to early warning systems and standard operating procedures for evacuation, the economic losses have been crippling. With the thrust on blue growth, it is necessary that coastal areas are managed to respond to the threats of climate change with focus on ecosystem-based adaptation to climate change.

The Indian coast is densely populated (>500 persons per km<sup>2</sup>) with coastal communities highly dependent on coastal resources and ecosystems for their livelihoods. Most of these communities are poor. Repeated disasters within short spans of time do not allow the coastal communities to recover sufficiently and result in

their spiraling into a decline. Hence it is important to put into action plans to build community resilience to enable them to adapt to climate challenges forced upon them. Women in these communities are known to bear a high burden not only because they have to take care of the home and family but also because they may have livelihoods to pursue that contribute to the family's finances.

Although the entire Indian coast is at high risk to climate change impacts, the impacts are uneven with certain locations/ districts being more vulnerable than others, and a changing vulnerability profile as well. However, a database that enables decision makers to identify such locations for priority assistance is not available nor is clarity available on how are gendered climate related impacts. Hence the Government of India through the Ministry of Environment, Forest and Climate Change, with support from the Global Climate Fund is implementing the project "Enhancing Climate Resilience of India's Coastal Communities" focusing on increasing resilience of some of the most vulnerable people and communities and ecosystems.

Activities undertaken under this output will generate a range of adaptation and sustainable development benefits through the conservation, restoration and maintenance of coastal and marine ecosystems to enhance their resilience. At a national scale and in all the coastal states, a long-term system will be established for undertaking vulnerability assessment of the coast, for undertaking restoration of coastal ecosystems, and for systematic monitoring of the results, including for carbon sequestration.

### **Overall Project Objectives**

The project aims to establish pathways to up-scale ecosystem-based adaptation practices across India's 13 coastal states, islands and union territories where coastal districts house 14.2% of India's total population. The proposed project will promote climate-adaptive livelihoods for vulnerable coastal communities in the target states – with an emphasis on women as beneficiaries – as well as build adaptive capacity through restoration of ecosystems that buffer against the impacts of current and future climate change.

Three major outputs of the project are envisaged as:

- Output 1. Enhanced resilience of coastal and marine ecosystems and their services
- Output 2. Climate-adaptive livelihoods for enhanced resilience of vulnerable coastal communities; and
- Output 3. Strengthened governance and institutional framework for climateresilient management of coastal areas.

The work in Outputs 1 and 3 will be carried out both at national level and across all of India's 13 coastal States and Union Territories. In the case of Output 2, the work will be piloted in targeted landscapes of three states- Odisha and Andhra Pradesh on the

east coast and Maharashtra on the west coast. Best practices and processes followed in the work in Output 2 will feed into Output 3 to be replicated in other states of India. Knowledge, especially scientific inputs, from Output 1 will inform choice of locations within the targeted landscapes to be restored in Output 2.

This section (Part A) addresses Output 1 i.e. Enhanced resilience of coastal and marine ecosystems and their services in specific detail.

Mapping of Coastal Cumulative Vulnerability Index (CCVI), which includes biophysical, socio-economic and ecological vulnerabilities, will be undertaken for all the mainland coastal State/ UT of India. Three target states – Andhra Pradesh, Maharashtra and Odisha – have been selected for undertaking on-the-ground activities focused on protecting and restoring coastal ecosystems and promoting livelihoods activities to enhance the resilience of coastal communities. These target states were selected by Government of India based on high vulnerability to the impacts of climate change; and representation of the range of India's coastline, including both east and west coast areas.

Twenty-four (24) target landscapes in the three coastal states (Figure 1) have been selected, and it is expected that communities will collaborate closely with the Forest Department in a co-management approach, both as recipients of work opportunities in restoration efforts, and as ongoing partners in maintaining the resource in a healthy condition by managing harvesting of timber and non-timber forest products, and by controlling pollution.

In addition, the selection of these three states enables the Government of India to implement ecosystem-based adaptation to climate change across a range of circumstances, in terms of:

- i) biophysical vulnerability to climate impacts;
- ii) coastal ecosystems (including mangroves, seagrass, salt marshes, coral reefs and coastal lagoons);
- iii) socio-economic vulnerability including per capita income level (including states with very low, low and medium per capita incomes)

The project will create platforms to scale up this work on restoration and livelihoods across India's nine coastal states, two coastal Union Territories and two island territories and their 78 coastal districts.

### Objectives

The primary objective of the project is to enhance the resilience of the lives and livelihoods of the most vulnerable populations, particularly women, in the coastal areas of India to climate change and extreme events, using an ecosystem-centric and community-based approach.

### Part B: Strengthen governance and institutional framework for climate-resilient management of coastal areas

This output provides pathways to replication and scale by extending the approaches to ecosystem restoration carried out in Output 1 and approaches to climate-adaptive livelihood support carried out in Output 2 (*by the 3 pilot states*), scaled up to India's 13 coastal States and Union Territories, and also shares knowledge on coastal resilience with countries in the wider South Asian region. This includes integrating adaptation into public and private sector policies, plans and budgets (Activity 3.2) in all coastal states through a network of institutions (Activity 3.1), and undertaking targeted valuation and cost-benefit analyses, to motivate for new investments in EbA as well as knowledge sharing on the evidence base for such investments (Activity 3.3).

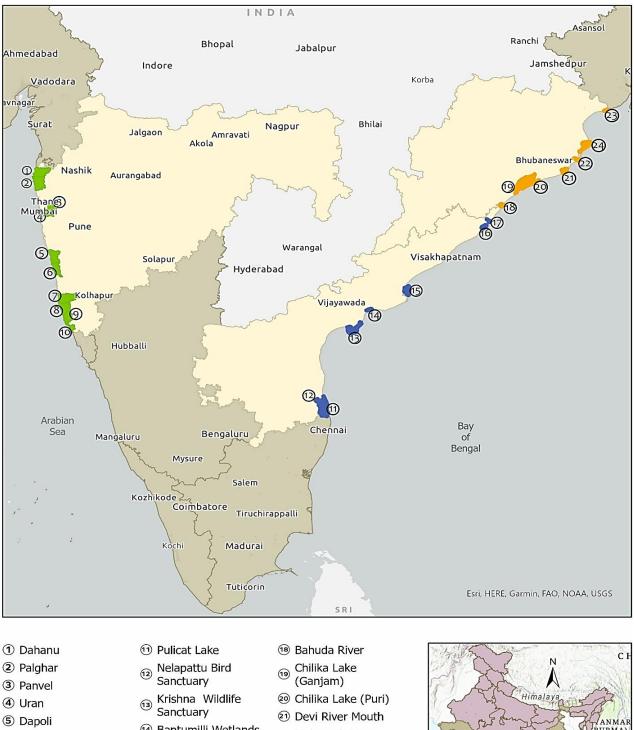
This activity addresses Output 3 i.e. *Strengthened governance and institutional framework for climate-resilient management of coastal areas* in specific detail.

Three target states – Andhra Pradesh, Maharashtra and Odisha – have been selected for undertaking on-the-ground activities focused on protecting and restoring coastal ecosystems and promoting livelihoods activities to enhance the resilience of coastal communities. Processes followed during the project for restoration of ecosystems as well as interventions for livelihood activities are to be documented. The learning from these activities will be used in training programmes for mainstreaming ecosystembased adaptation. The project will create platforms for networking and building a community of practitioners for climate resilience. This will eventually be extended to the South Asian countries.

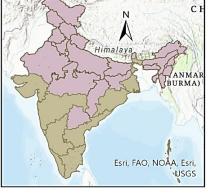
Output 3 of the project will create platforms to scale up this work on restoration and livelihoods across India's nine coastal states, two coastal Union Territories and two island territories and their 78 coastal districts.

#### Objectives

The primary objective of the project is to enhance the resilience of the lives and livelihoods of the most vulnerable populations, particularly women, in the coastal areas of India to climate change and extreme events, using an ecosystem-centered and community-based approach. The project will also work towards mainstreaming ecosystem-based adaptation to climate risks in all plans and programmes at various levels in the country.



- 6 Guhagar
- Rajapur
- B Devgad
- Malvan
- 10 Vengurla
- 1 Bantumilli Wetlands
- 15 Telineelapuram
- Coringa Wildlife Sanctuary 16
- Sompeta
- Mahanadi River
- 22 Mouth
- Talasari
- Bhitarkanika



Map of Twenty-four (24) target landscapes in three coastal states - Maharashtra, Andhra Pradesh and Odisha

### Enhancing Climate Resilience of India's Coastal Communities

Act. No.	Activity	Outputs	Outcomes
1.1	Conducting vulnerability assessment of the coast to inform planning of ecosystem- and community-based adaptation interventions		
1.1.1	Supporting coastal research and research and management institutions to add ecosystem- related parameters to methodologies for guiding vulnerability assessment and national- and state- level planning and decision-making on adaptation and management measures to address climate change (for three implementing States)	Ecosystem-based vulnerability assessments carried out using InVEST model to determine physical, ecological and social vulnerabilities for the entire coast of India and national vulnerability framework and Coastal Cumulative Vulnerability Index (CCVI) developed	<ul> <li>Updated methodology for collecting and analysing data to prepare comprehensive climate vulnerability assessments for India's entire coastline.</li> <li>Identified risks posed by climate change impacts and prioritisation of intervention sites for EbA.</li> </ul>
1.1.2	Applying the enhanced/ revised methodology to establish a gender-sensitive system for periodic detailed assessment of vulnerability and adaptive capacity for three implementing States, using the analysis to inform planning of restoration and livelihoods activities for climate change adaptation	Site specific and gender-sensitive social vulnerability index methods developed for entire coast of India	Capacity built for assessment of gender-sensitive social vulnerability and adaptive capacity on climate change
1.1.3	Developing a gender-sensitive Decision-Support Tool and associated mobile phone application for adaptation planning at state and national levels that integrates district-level data with site/district- level assessments to provide decision-makers with dynamic information that is regularly updated using data from census, ecological surveys and other sources	38.6 million direct and indirect women beneficiaries (77.19 million total coastal population) at the national level benefited from the development of a decision support tool	Access to the decision-support tool will be through an online platform and smart-phone app. This will provide dynamic, "live" information to decision-makers and planners, allowing them to use the most up-to- date data available to inform adaptation planning.

Act. No.	Activity	Outputs	Outcomes
1.1.4	Producing a national series of restoration guidelines (mangrove, coral reefs, seagrass, salt marsh, sand dunes) based on the information used for the Decision Support Tool – one booklet /pdf per ecosystem type, drawing on site-level experience	Number of National series of restoration guidelines/booklet prepared	, , , , , , , , , , , , , , , , , , ,
3.1	Network of institutions for enhanced climate resilience and integrated planning and governance in all coastal states		
3.1.1	Establishing multi-stakeholder coordination structures in target landscapes in the three states to provide a platform for dialogue and coordination of climate-resilient development planning and co- management of coastal ecosystems	Line departments/ ministries/ stakeholder harmonized through multi-stakeholder coordination structures for the states of Maharashtra, Odisha and Andhra Pradesh	
3.1.2	Using existing interdepartmental platforms in 13 coastal states and UTs – particularly State Action Plans for CC and CZM Authorities – to facilitate integration of EbA approaches into relevant policy and legislation and to share lessons learned and best practices from target landscapes from the 3 implementing states	Interdepartmental platforms created in 13 coastal states and UT for EbA approaches	EbA approaches integrated into relevant policy and legislation
3.1.3	Establishing a pan-Indian Coastal Resilience Network of organizations, tertiary institutions, coordination platforms and coastal districts – to promote knowledge exchanges on integration of	Pan-Indian Coastal Resilience Network developed with a number of organizations, tertiary institutions, coordination platforms and coastal district	of climate change adaptation into coastal development planning, with a

Act. No.	Activity	Outputs	Outcomes
	climate change adaptation into coastal development planning, with a focus on EbA		
3.1.4	Supporting the National Coastal Mission in integrating climate change adaptation and EbA into its programme of work	Number of direct and indirect beneficiaries	EbA approaches integrated in the National Coastal Mission
3.3	Knowledge management for coastal resilience (require co-financing support)		
3.3.1	Supporting the National Coastal Mission to establish a system for collating data and information on global best practices, lessons learned, evidence from the field and scientific knowledge on ecosystem- and community- based approaches to adaptation in the coastal zone of India.	Database developed for ecosystem- and community- based approaches to adaptation in the coastal zones of India.	Global best practices, lessons learned, evidence from on ecosystem- and community- based approaches collated
3.3.2	Establishing a series of annual workshops (5 in project period) under the auspices of the pan- Indian Coastal Resilience Network, involving tertiary institutions, research organizations and relevant NGOs to share research findings related to coastal EbA	Number of annual workshops with the pan-Indian Coastal Resilience Network organised.	Capacity built and knowledge disseminated through annual workshops
3.3.3	Developing and piloting a training course or curricula on EbA, for delivery through administrative training and other relevant institutes at national and state levels, incorporating project experience and lessons especially on community-based adaptation – at least one in each of 3 target states	Number of training course or curricula on EbA developed and piloted for all 3 target states	Capacity built through training course on EbA incorporating project experience and lessons especially on community-based adaptation

Act. No.	Activity	Outputs	Outcomes
3.3.4	Working through the Pan-India Coastal Resilience Network to develop and disseminate knowledge products at national, regional and international levels and to share experience and learning.	Number of Knowledge products at national, regional and international levels developed	EbA Knowledge products disseminated at regional, national and international levels
3.3.5	Developing 12 district specific, gender-sensitive knowledge products translated into local languages for use in the community-level training courses for village self-help groups and CBOs, and women's capacity development programmes.	Numbe12 district specific translated knowledge products for community- level training programme developed and disseminated	and CBOs, and collective women
3.3.6	Undertaking exposure and exchange visits (involving 3 target states) for national, state and district-level government officials and community leaders to promote knowledge sharing on cross- sectoral coastal governance, climate change adaptation and EbA.	Number of exposure and exchange visits with the 3 targeted states organized	
3.3.7	Creating a knowledge exchange platform involving South Asia's five coastal countries with 3 international events for dialogue and sharing learning on ecosystem-and community-based adaptation to climate change in the coastal zone, building on existing forums.	3 international events organised by using different dialogue and sharing learning platform	a knowledge exchange platform involving South Asia's five coastal countries developed for building regional capacity

#### 5.7. South Asia Nitrogen Hub Project (UKRI-GCRF, UK - 2021-2024)

Nitrogen pollution damages human health, threatens biodiversity, and contributes to global climate change. The project is tackling the nitrogen challenge by bringing together experts from over 32 leading research organizations (research partners) from across South Asia and the UK. We work with researchers from all eight South Asian countries and are dedicated to international co-operation for a healthier planet. The Hub includes research on how to improve nitrogen management in agriculture and investigates how nitrogen is impacting our ecosystem. There are four major Research Programs in this project.

#### Research Program 1: Building the Nitrogen Policy Arena for South Asia

- 1) That a joined-up approach to assessing the benefits of better nitrogen management will strengthen the 'gravity of common cause', so contributing to overcoming the barriers.
- 2) That a resource efficiency perspective mobilizing nitrogen value chains in the circular economy will help drive change by linking business goals with environmental and health co-benefits.
- 3) That progress in co-developing solutions with key actors will be strengthened by improving understanding between weakly linked actor groups (policy, farmers, civil society, and business.)
- 4) That public awareness and education will be critical to overcome barriers, so linking science to simple messages may be transformative, e.g. quantified benefits of a goal to 'halve nitrogen waste.
- 5) That coupling off N flows, impacts and methodologies will allow innovative fundamental and applied insights, e.g. aerial vs aquatic symbioses; national nitrogen policy effectiveness.

### Work Package 1.2 - Development of future visions and scenarios for nitrogen in South Asia

This WP will facilitate the development of clear visions by SACEP governments, by the co-design of future storylines and scenarios for SA (WP1.2), including technological options, equity, and food security/choice issues that interact with human and livestock health (drawing on RPs 2, 3 & 4). To ensure consistency, the activity will draw on and feed into the Global Nitrogen Scenarios work of INMS, including establishment of Shared Socio-economic Pathways (SSPs) focused on nitrogen. A specific hypothesis to be examined is that global exchange of aspirations will influence future nitrogen flow and impact trajectories, i.e. choices by European citizens will affect South Asian ambitions/ trajectories and vice versa. Exploration of this hypothesis will be aided by structured engagement with civil society, starting with the Nourish Scotland and SIT 'Nitrogen Forums'.

## Work Package 1.4 - Development of guidance/ tools for policy makers and practitioners

This WP focuses on the development of farm-level N management software for decision support to non-experts, and production of guidance for policy makers. Building on work by NEWS India-UK on electronic leaf colour sensing and on the 'Cool Farm Tool', the team will deliver a free-to-use Nitrogen App made available through the Cool Farm Platform. The App will support decision making on fertilizer and manure/urine practices, including leaf colour sensing by the phone camera to help tune fertilizer/urine inputs and timing. The App will be parameterised using field data from WP2.1 for deployment in WP2.2, evaluating a range of nitrogen interventions, and identification of good practices as a function of farm location and typology. Testing of the App will consider acceptability, cost-effectiveness and reliability. The findings, together with input from hub experts, will inform policy guidance as a South Asian contribution to INMS. The published guidance (following UNECE standards of TFRN14 and experience of GPNM), will also be delivered as a web-based tool.

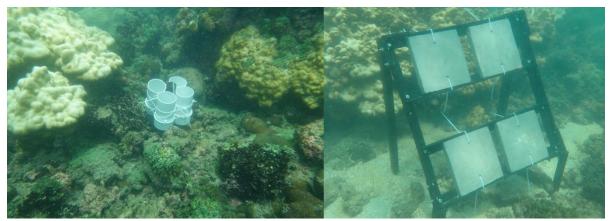
## Research Programme 3: Improving understanding and awareness of key nitrogen threats

- 1) That a joined-up approach to assessing the benefits of better nitrogen management will strengthen the 'gravity of common cause', so contributing to overcoming the barriers.
- 2) That a resource efficiency perspective mobilising nitrogen value chains in the circular economy will help drive change by linking business goals with environmental and health co-benefits.
- 3) That public awareness and education will be critical to overcome barriers, so linking science to simple messages may be transformative, e.g. quantified benefits of a goal to '*halve nitrogen waste*.
- 4) That coupling off N flows, impacts and methodologies will allow innovative fundamental and applied insights, e.g. aerial vs aquatic symbioses; national nitrogen policy effectiveness.

## Work Package 3.2 - Role of eutrophication in exacerbating coral bleaching and coastal impacts

The aim of this work package is to address the threat of eutrophication to coral reefs, which can both predispose and prevent recovery following temperature-driven 'coral bleaching' (e.g., the 2016 event led to >95% coral death in some areas). Technology deployment by UK and India will allow investigation of historical change and source attribution using 15N techniques, while sharing reef monitoring protocols (inc. coral recruitment, predation) and strengthening capacity with Sri Lanka and Maldives, with additional support through UN Environment, SACEP and IUCN. Comparison of

uninhabited/populated atolls, supported by data on herbivorous fish stocks (inc. Laccadive, Andaman & Nicobar) in the context of ocean acidity, will help inform how much agricultural and waste-water measures could aid coral recovery. The comparison of the forest epiphyte and coral symbioses will inform both biological understanding and societal perceptions of 'value' in comparison to other key threats.



Sediment trap

**Coral Settlement Panel** 

## Research Programme 4: Integrating regional nitrogen flows & impacts in South Asia

- 1) That a joined-up approach to assessing the benefits of better nitrogen management will strengthen the '*gravity of common cause*', so contributing to overcoming the barriers.
- 2) That a resource efficiency perspective mobilizing nitrogen value chains in the circular economy will help drive change by linking business goals with environmental and health co-benefits.
- 3) That public awareness and education will be critical to overcome barriers, so linking science to simple messages may be transformative, e.g. quantified benefits of a goal to 'halve nitrogen waste.
- 4) That coupling off N flows, impacts and methodologies will allow innovative fundamental and applied insights, e.g. aerial vs aquatic symbioses; national nitrogen policy effectiveness.

# Work Package 4.1 - Harmonization of data and integration of nitrogen flows in South Asia

The WP4.1 team will identify common and special data needs across all WPs under RP4 (Integrating regional nitrogen flows and impacts in South Asia), taking account of spatial and temporal scales, data quality and uncertainty, data access and sharing requirements. This will be carried out collaboratively across all partners involved in WP4.1 and with input from the modelling communities under RP4 (air, soil and water quality & health, greenhouse gases and climate resilience). WP4.1 will deliver:

- Harmonized datasets (including human population, livestock, crops, fertiliser, land cover, soils etc.)
- High resolution atmospheric emission maps
- Scenario modelling output (working with WP1.2 on scenario development and across RP4 to implement future scenarios)
- South Asia-wide and national nitrogen budgets (combining outputs from across RP4)

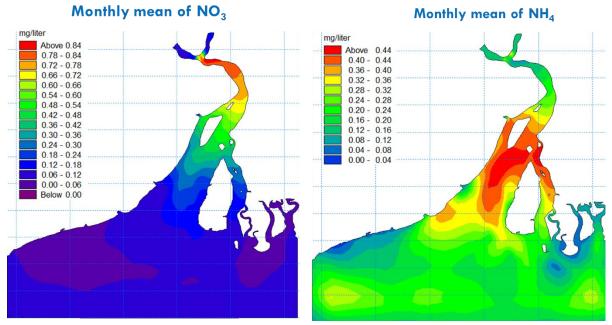
# Work Package 4.2 - Role of urban and rural nitrogen sources for air quality and health

This Work Package will apply an ensemble of leading atmospheric models (EMEP4Earth, WRFChem, MOZART, UKCA) for SA to assess the contribution of Nr emissions to particulate matter (PM), NO2 and NH3 concentrations and their human health impacts (drawing on published dose-response) and ecosystem impacts (WP3.1). Model assessment against existing networks (e.g. NPL-India, SAFAR) and new measurements will allow model application for abatement scenarios (WP1.2, 4.3, 4.4). Improvement of the measurement database will focus on the wider IGP, the world NH3 hotspot. A 10-site network for Nr measurement operated for 24 months from the IGP to the Himalayan foothills will deliver validation data and help elucidate the underlying chemical transformations.

# Work Package 4.3 - Role of urban and rural nitrogen source for soil, water quality & health

This Work Package aims to understand the complex system of nutrient sources and demands, and to quantify the impact of various (agric., waste, landscape, consumption) scenarios on lives and livelihoods in SA. We will create a process-based simulation model of the region (Fig. 3) linking air, land, freshwater and marine nutrient flows and impacts based on LTLS-NEMO-ERSEM. Working with regional partners, the system will be validated with satellite and in-situ observations. It will be used to explore impacts of urban and rural land use and climate change, following stakeholder scenario consultation (WP1.2).

Assessment of health risks will combine analysis of clinical data, qualitative interviews with local communities and review of whether WHO guideline values are adequate (e.g. as Nnitrosamines combines with additional carcinogenic risks). Supporting data collation will consider costs of care and early detection, recognition & chronic management of N-linked disease.



Transformation, mixing and transport of inorganic nitrogen within Hooghly Estuarine zone

### Work Package 4.4 - Role of nitrogen management for greenhouse gases and climate resilience

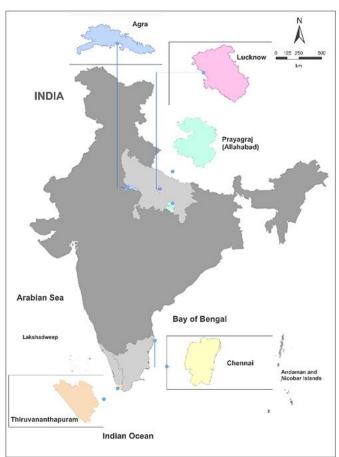
This Work Package focuses on regional modelling of soil N<sub>2</sub>O emissions, and other greenhouse gases (GHG) were appropriate. We will use the IPCC methodologies for GHG modelling, to assess the impact of agricultural N management on direct (N<sub>2</sub>O, CH<sub>4</sub>, CO<sub>2</sub>) and indirect GHG emissions (NH<sub>3</sub>, NO, O<sub>3</sub>) at regional and country scales under climate and N policy scenarios developed in WP1.2. The primary focus is to upscale N<sub>2</sub>O emissions using the IPCC Tier 1,2 and 3 methods (IPCC 2006). The first task for WP 4.4 will be to identify the data (GHG data and activity data) required and data available within each country and region for Tier 1,2,3 modelling. This will be done in close collaboration with WP 4.1, and through expert knowledge of the participating scientists from each SANH country.

The IPCC methodologies increase in complexity, from the universal applicable Tier 1 emission factors, to country specific emission factors (Tier 2), and for Tier 3 multiple regression equations or process based models. <u>Tier 1</u> emission factors will be applied to all countries and regions within, following the IPCC methodology for agriculture and land use change and forestry emission sectors. Input data are available from global databases (with WP4.1), in case there are insufficient 'hard' data available for some regions/countries.

# 5.8. Circular Economy Solution preventing Marine Litter in three Ecosystems (2022-2024)

#### Name of the Scheme/Programme: Indo-German bilateral project

The ongoing Indo-German bilateral project Circular Economy Solutions Preventing Marine Litter in Ecosystems (CES) project is working on technological approaches to track monitor and litter marine in ecosystems and supports the implementation of Extended Producer Responsibility (EPR) in collaboration with the Ministry of Environment, Forests and Climate Change (MoEFCC). CES is piloted in the Indian states of Kerala, Tamil Nadu, and Uttar Pradesh. Extended Producer Responsibility helps to reduce, reuse, and recycle plastics with the participation of the private sector, such as the recycling industry and other stakeholders, packaging producers, and informal waste recyclers. This project supports relevant regulatory authorities, like the Central Pollution



**CES-ML Project sites India** 

Control Board (CPCB) and State Pollution Control Boards (SPCBs) in Kerala, Tamil Nadu, and Uttar Pradesh, in developing and using digital technologies to quantify and track marine litter, monitor leakages in the selected ecosystems, and work on implementing EPR.

### **Objectives:**

- 1. Riverine/Lake/Marine leakages and transport of plastics is monitored to assess the sources of microplastics and hotspots are identified in the three locations
- 2. Mapping of site-specific distribution of plastics, microplastics and litter in riverine systems to enable Decision Support System (DSS)
- 3. The training and capacity building for tracking leakage of litter in coastal and riverine ecosystems using digital tools
- 4. Technological solutions for litter management are identified and demonstrated in riverine and marine ecosystems in the states of Kerala, Tamil Nadu and Uttar Pradesh
- 5. Creating an evidence-based reference for project implementation at partner state

### Circular Economy Solution preventing Marine Litter in three Ecosystems

S. No.	Objective	Outputs	Outcomes
1	Riverine/Lake/Marine leakages and transport of plastics is monitored to assess the sources of microplastics and hotspots are identified in the three locations	team at NCSCM	<ul> <li>Baseline data for microplastics and marine litter were obtained from 3 states (Kerala, Tamil Nadu and Utter Pradesh)</li> <li>Litter flux from major rivers of the 3 states</li> <li>Identification of "leakage hotspots" of plastics</li> </ul>

S. No.	Objective	Outputs	Outcomes
		<ul> <li>Documentation of tracking leakages of marine litter and microplastics for selected ecosystems</li> </ul>	
2	Mapping of site-specific distribution of plastics, microplastics and litter in riverine systems to enable Decision Support System (DSS)	<ul> <li>Mapping of various thematic layers on marine litter and microplastic pollution (sources, quantity, types and impacts</li> <li>Two consultations across various stakeholders will be organised for DSS</li> <li>Documentation of marine litter and microplastic atlas for selected ecosystems</li> <li>A decision support system for plastic litter management will be developed. Department of Environment and SPCB will be the key anchor of this DSS.</li> </ul>	<ul> <li>Decision support system (DSS) for plastic litter management for policy/decision making.</li> </ul>
3	The training and capacity building for tracking leakage of litter in coastal and riverine ecosystems using digital tools	<ul> <li>Regional networking and knowledge sharing</li> <li>Three stakeholder consultations will be organised for training and capacity building for tracking leakage of litter in coastal and riverine ecosystems</li> <li>Raising awareness and public outreach</li> <li>Consultation meeting with the scientific community on the Extended producer responsibility (EPR) on plastics and its usage like a waste to energy (pyrolysis) plants, road making, a design change in packaging and by promoting alternative materials for packaging and policy approach towards the collection of end-of-life fishing gears (recycled plastics).</li> </ul>	<ul> <li>Collection of end-of-life (EOL) fishing gears, towards extended producer responsibility (EPR), at selected fishing harbours</li> <li>Litter management strategies and technological solutions for coastal environment.</li> <li>The National Centre for Sustainable Coastal Management (NCSCM) has actively participated in or organized in various outreach programmes within the framework of GIZ's Circular Economy Solutions Preventing Marine Litter</li> </ul>

S. No.	Objective	Outputs	Outcomes
		<ul> <li>Capacity building training for plastic litter through technological solutions for government officials.</li> <li>Documentation of the issuing of guidelines by government authorities (CPCB, SPCBs, ULBs).</li> <li>Capacity building (producers, recyclers and stakeholders) for plastic management and policy reforms.</li> <li>Stakeholder meeting with CPCB, SPCB and representatives from local self-governments to identify the best suitable EPR Model.</li> <li>Being multi-stakeholder involvement in the microplastic generation, consultations across various stakeholders, ranging from manufacturers, of home appliances, textiles, tyres, agriculture, cosmetics etc.</li> <li>Consultation meeting with consumer products manufacturers, waste pickers, Waste Recyclers, and Waste Management Agencies for defining roles and responsibilities of stakeholders along packaging value chains.</li> </ul>	<ul> <li>in Ecosystems project (CES-ML). The outreach programmes are listed below</li> <li>Ghost net retrieval is vital for marine biodiversity conservation.</li> <li>Uttar Pradesh Plastic Waste Management Conclave</li> <li>Participated in a workshop on Extended Producer Responsibility</li> <li>Participated in a workshop on "Circular Economy Solutions (CES)"</li> <li>NCSCM participated in the "National Expo on Eco-Alternatives for Banned SUPs and Start up Conference" in Chennai</li> </ul>
4	Technological solutions for litter management are identified and demonstrated in riverine and marine ecosystems in the states of Kerala, Tamil Nadu and Uttar Pradesh	• One workshop and Two stakeholder consultations will be organised for litter management and demonstration.	<ul> <li>Resource efficient and circular economy approaches for closing material cycles of marine litter in an ecosystem using technology- based solutions.</li> </ul>

S. No.	Objective	Outputs	Outcomes
		<ul> <li>Management strategies to control marine litter from the commercial fishing.</li> <li>Community awareness and participation in periodic clean up (Beaches and Riverbank) on the selected ecosystem.</li> <li>Formulation and promotion of green protocols.</li> <li>Sustainable packing material and ecodesign through national and international best practices.</li> <li>Documentation of the dissemination of best practices, such as newsletters, mailings, brochures, entries/publications/ websites, etc.</li> <li>Bilateral communication with producers or recyclers</li> </ul>	<ul> <li>Technology based waste re-use, recycling and recovery opportunities.</li> <li>NCSCM participated in a "Beach Cleanup Campaign and Public Awareness Event" on Neelankara Beach, Chennai.</li> <li>NCSCM was involved in the "Swachh Sagar Surakshit Sagar Coastal Clean-up Event and Awareness Drive" at Promenade Beach, Puducherry, India.</li> <li>Mission LiFE awareness and outreach on waste management and sigile use plastics.</li> </ul>
	Creating an evidence-based reference for project implementation at partner state	<ul> <li>A standardized methodology for microplastics assessment in riverine/ coastal ecosystems</li> <li>Marine debris action plan through understandings from related stakeholders</li> <li>Two stakeholder meetings will be organised to creating an evidence-based reference for project implementation at partner state.</li> <li>Documentation of knowledge products in minutes of meetings in the course of the decision-making process of the national EPR framework.</li> </ul>	<ul> <li>Based on the order of The Hon'ble National Green Tribunal (NGT), NCSCM contributed towards developing a uniform methodology for microplastics analysis in various environmental matrices.</li> <li>Safeguarding the ecosystem as a whole- The fishermen of Kerala are cleaning the sea to sustain their livelihoods and protect the ecosystem</li> <li>Beach cleaning activities. Clean beaches increases tourism potential.</li> </ul>

S. No.	Objective	Outputs	Outcomes
		<ul> <li>Bilateral written communication with players involved in the decision-making process of the national EPR framework mentioning the consideration of knowledge products.</li> <li>Assist the states to be able to upscale and replicate the strategies that can be taken up across the riverine ecosystem or coastal ecosystem of the partner states.</li> <li>List of training programmes to be organised in future for the implementation of new projects.</li> <li>Dedicated web portal for dissemination of work done in CES-ML project.</li> <li>Final marine litter management plan incorporating suggestions from stakeholders</li> </ul>	



### 5.9. Linking the Land-based Activities with Ecosystem Dynamics of Pulicat Lagoon in India

The presence of nitrogen in coastal ecosystems is a major management issue due to high inputs from surface runoff and groundwater contamination. Recent studies have estimated that anthropogenic N from grey water footprints can contribute up to 32.6 million tons per year to freshwater systems, resulting in widespread problems with eutrophication and hypoxia. In addition, urban watersheds receive N inputs from indirect sources, such as atmospheric deposition, diffuse land-based practices (e.g., fertilizers), unregulated discharges, leaky septic pipes, and misconnections. Nutrient over-enrichment of coastal ecosystems generally triggers ecological changes that decrease the biological diversity of bays and estuaries. In some ecosystems, moderate nutrient enrichment can occasionally lead to increased populations of economically valuable fishes. Intense enrichment of nutrient in the same waters, however, leads to losses of catchable fish and loss of biological diversity. Other coastal ecosystems are highly vulnerable to eutrophication so that even small increases in nutrient inputs can be quite damaging. Coral reefs and seagrass beds, for instance, are particularly susceptible to changed conditions.

The impacts of the rapid changes on the nitrogen cycle in coastal ecosystem and the interactions with other altered biogeochemical cycles are issues that demands immediate attention. With increasing realization of the adverse impacts of chemical agriculture and climate change on availability and quality of water in many parts of the world, it is essential to quantify the nitrogen use efficiency for a sustained resource utilization. Identification of suitable management practices are required to reduce

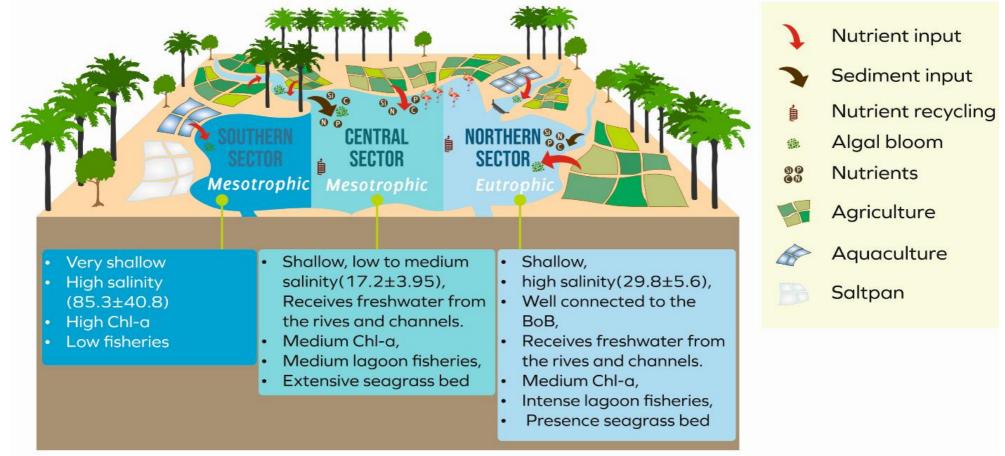
dependency on inorganic N use in coastal environment and manage various negative impacts of the anthropogenic N loading.

#### **Objectives:**

- 1. Analysis of Land use and Land cover around Pulicat lagoon
- 2. Identification of land-based and coastal/marine sources of nitrogen to the Pulicat lagoon
- 3. Quantifying the Nitrogen Use efficiency
- 4. Nutrient management and Spatial planning
- 5. Evaluation of ecosystem services and Preparation of health report card

Pulicat Lagoon Ecosystem Health during the summer 2021 is estimated to be "Moderate" with spatial variations among the three distinct sectors. Southern and central sector of the lagoon moderately influenced by seawater exchange scored C+. Whereas the Northern sector with limited seawater mixing, enhanced shallowness and reduced biodiversity scored C. Continued unsustainable land use practices could substantially increase the macro algal biomass in the lagoon. Decomposing of dead algal biomass could result severe oxygen depletion (hypoxia and anoxia) and coastal acidification. Changes in nutrients, light, and oxygen cause likely shift in the community structure of phytoplankton, zooplankton, and bottom-dwelling (benthic) communities. On the contrary, adequate lagoon management supported by sustainable land use practices in the Pulicat watershed could be useful to restore the lagoon ecosystem. For achieving sustainable watershed management, suitable recommendations have been made based on the present scenarios of the Pulicat lake and the existing land use practices.

Sustainable agricultural practices to enhance nutrient use efficiency and water use efficiency were recommended. Adopting organic farming activities and usage of fertilizers according to soil and crop requirement can reduce the fertilizer input in the lagoon. It is recommended that fertilizer materials that are better in terms of NUE than urea should be promoted to get a higher fertilizer use efficiency. In order to reduce agricultural water demand and loss of N, adequate use of organic manure and use of biofertilizers is recommended in an integrated nutrient management strategy should be followed. Promotion of highly efficient fertilizer products, biochar etc. that better synchronize N release and crop N demand (e.g., slow and controlled-release fertilizers, such as the use of neem-coated urea/ urea super-granules/ innovative N fertilizers, and nano-fertilizers, etc.) are essential. Decision support systems: Based on agro-climatic, edaphic and other resource availability computer-based models or simple field assessment tools and interpretation aids (mobile app-based) may be promoted among the farmers. Lack of awareness and scientific knowledge in NUE agriculture is resulting in excessive nutrient loses from the field to the adjacent water bodies and eventually to the Pulicat lagoon. Mass awareness about the importance of soil testing and balanced and integrated fertilizers application needs to be promoted to reduce the anthropogenic pressure on the lagoon ecosystem.



Characteristics and Sectors of Pulicat Lagoon



### 6. Accreditation and Certification of NCSCM

NCSCM, is rated as a PLATINUM CERTIFIED LEED Building with 14 advanced multidisciplinary laboratories; 115 scientists and staff on contract; and received the following Certifications and Accreditations.

- (a) National Accreditation Board for Testing and Calibration Laboratories (NABL)
- (b) ISO 9001:2015
- (c) ISO 45001:2018
- (d) Atomic Energy Regulation Board (AERB)
- (e) Central Pollution Control Board (CPCB)
- (f) National Accreditation Board for Education and Training (NABET)

#### ISO 9001:2015



# Certificate of Registration

This certificate has been awarded to

National Centre for Sustainable Coastal Management (NCSCM), Ministry of Environment, Forest and Climate Change

Anna University Campus, Chennai, Tamil Nadu, 600025, India

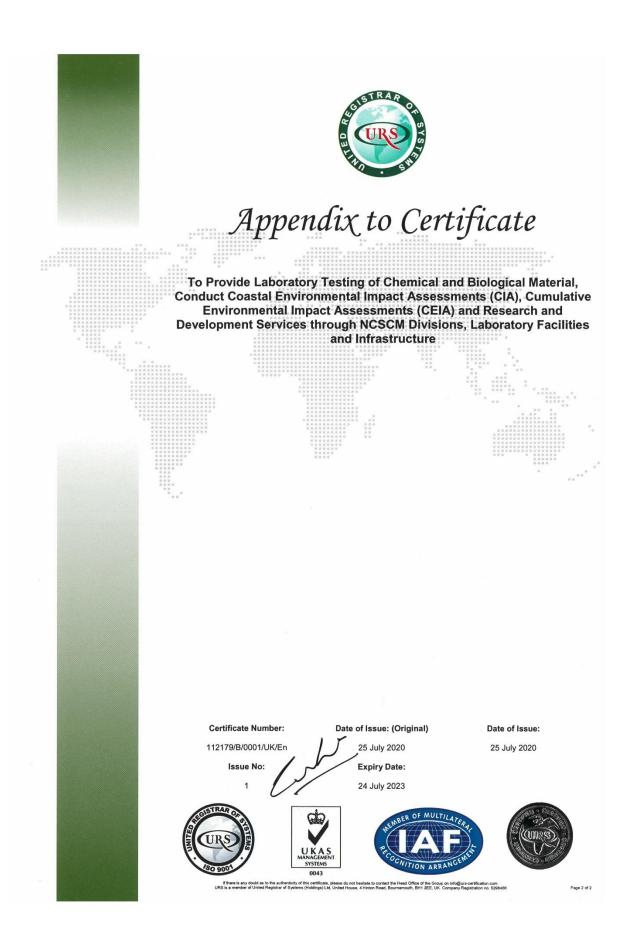
in recognition of the organization's Quality Management System which complies with

ISO 9001:2015

The scope of activities covered by this certificate is defined below

Please refer to the Appendix

Certificate Number:	Date of Issue: (Original)	Date of Issue:
112179/B/0001/UK/En	25 July 2020	25 July 2020
Issue No:	Expiry Date:	
1	24 July 2023	
Issued by:		On behalf of the Schemes Manager
SU BODI	NT COC	
If there is any doubt as to the authenticity of this certifica URS is a member of United Registrar of Systems (Holdings)	ite, please do not hesitate to contact the Head Office of the Group Ltd, United House, 4 Hinton Road, Bournemouth, BH1 2EE, UK.	p on info@urs-certification.com. Company Registration no. 5298466 Page 1 d



#### ISO 45001:2015



# Certificate of Registration

This certificate has been awarded to

#### National Centre for Sustainable Coastal Management (NCSCM), Ministry of Environment, Forest and Climate Change

Anna University Campus, Chennai, Tamil Nadu, 600025, India

in recognition of the organization's Health and Safety Management System which complies with

#### ISO 45001:2018

The scope of activities covered by this certificate is defined below

Please refer to the Appendix

Certificate Number:	Date of Issue: (Original)	Date of Issue:
112179/A/0001/UK/En	25 July 2020	25 July 2020
Issue No:	Expiry Date:	
1	24 July 2023	
Issued by:		On behalf of the Schemes Manager
	AS REAL OF MULTI	
180 45001 MANA SYS	CAS GEMENT TEMS D43 certificate, please do not hesitate to contact the Head Office of the Group on	
URS is a member of United Registrar of Systems (Ho	klings) Ltd, United House, 4 Hinton Road, Bournemouth, BH1 2EE, UK. Cor	npany Registration no. 5298466 Pag

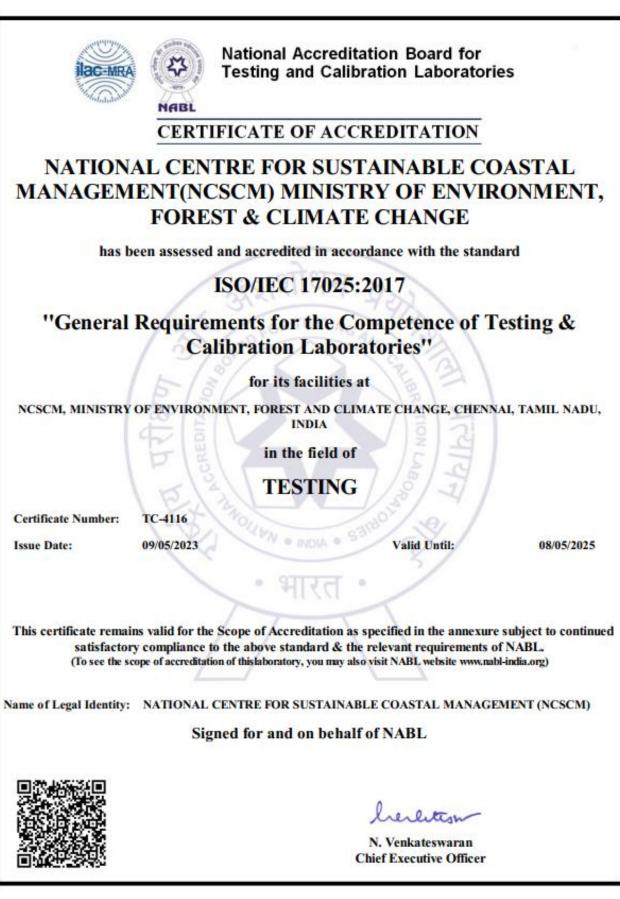


# Appendix to Certificate

To Provide Laboratory Testing of Chemical and Biological Material, Conduct Coastal Environmental Impact Assessments (CIA), Cumulative Environmental Impact Assessments (CEIA) and Research and Development Services through NCSCM Divisions, Laboratory Facilities and Infrastructure

Certificate Number:	Date of Issue: (Original)	Date of Issue:
112179/A/0001/UK/En	γ 25 July 2020	25 July 2020
Issue No:	Expiry Date:	
1	24 July 2023	
	KAS AGGMENT STEMS 0043	
If there is any doubt as to the authenticity of this URS is a member of United Registrar of Systems (H	s certificate, please do not hesitate to contact the Head Office of the Group on info@urs-c loidings) Ltd, United House, 4 Hinton Road, Bournemouth, BH1 2EE, UK. Company Regi	stration.com. stration.no. 5298466 Page 2 of

#### **NABL Certification**



## 7. Knowledge dissemination and Capacity Building (Including virtual workshop, meetings and conferences)

#### Development of knowledge products during 2022-2023

NCSCM has undertaken many research studies pertaining to coastal as well as its resource management. The highlights from the finding of these studies were brought as research publications, technical reports, atlases, brochures etc. in order to sensitize the importance of coastal and marine environment.

#### 7.1. Research Articles

S. No	Year	Details of the Publication
30	2023	Mugilarasan, M., Karthik, R., Robin, R.S., Subbareddy, B., Hariharan, G., Anandavelu, I., Jinoj, T.P.S., Purvaja, R. and Ramesh, R., (2023), Anthropogenic marine litter: An approach to environmental quality for India's southeastern Arabian Sea coast. (Impact factor: 9.8)
29	2023	Saravanakumar, C., Neethu, C. S., Purvaja, R., Sunantha, G., Robin, R. S., Ramesh, R., (2023) Networking and co-occurrence of virulent and multidrug resistant environmental bacteria in different aquatic systems: A gap in MDR- virulence transfer (Impact factor: 9.8)
28	2023	R. S. Robin, R. Karthick, A. Nithin, R. Purvaja Ramachandran, (2023), Removal of marine litter and its impact along the coast of India
27	2023	R.S. Robin, R. Karthick, A. Nithin, R. Purvaja Ramachandran, (2023), Synergetic effects of marine litter and climate change in coastal and marine ecosystems
26	2023	Dhviya S., N. Karthi, S. Balamurugan and Devaraj Asir Ramesh., 2023., Valuing ecologically sensitive areas' Ecosystem Services in Bhitharkanika: implications for sustainable management. In Science of Sustainable Systems.
25	2023	Devaraj Asir Ramesh, N. Karthi, S. Dhivya, Amali Infantina and P. Priya., (2023), System of Environmental Economics Accounting (SEEA) - coastal and marine ecosystem economic accounting in Karnataka state, India (Impact factor: 2.462)
24	2023	Darwin Ramteke, K. Paramasivam, C. Viswanathan, K.R. Abhilash, J. Joyson Joe Jeevamani, V. Deepak Samuel, R. Sankar, R. Muruganandam, R. Purvaja, R. Ramesh, (2023), Assessment of benthic habitats of highly threatened oyster reefs of Pulicat Lake, India (Impact factor: 2.1)
23	2023	Hariharan, G., Sunantha, G., Robin, R.S., Darwin, R., Purvaja, R. and Ramesh, R., (2023), Early detection of emerging persistent perfluorinated alkyl substances (PFAS) along the east coast of India.(Impact factor: 9.8)
22	2023	Lincoln, S., Chowdhury, P., Posen, P.E., Robin, R.S., Ramachandran, P., Ajith, N., Harrod, O., Hoehn, D., Harrod, R. and Townhill, B.L., (2023), Interaction of climate change and marine pollution in Southern India: Implications for coastal zone management practices and policies.(Impact factor: 9.8)

S. No	Year	Details of the Publication
21		Painter, S.C., Artioli, Y., Amir, F.H., Arnull, J., Ganeshram, R.S., Ibrahim, N., Samuel, V.D., Robin, R.S., Raghuraman, R., Purvaja, R. and Ramesh, R., (2023), Anthropogenic nitrogen pollution threats and challenges to the health of South Asian coral reefs. (Impact factor: 3.7)
20	2023	Saravanan Couppoussamy, Kakolee Banerjee, Paneerselvam arumughan, Purvaja ramachandran, R, Ramesh Ramachandran. (2023), Determination of natural radioactivity in coralline beach sands of Lakshadweep Islands (Kavaratti and Minicoy), India (Impact factor: 1.827)
19	2023	Mamidala, H.P., Ganguly, D., Purvaja, R., Singh, G., Das, S., Rao, M.N., Ys, A.K., Arumugam, K. and Ramesh, R., 2023. Interspecific variations in leaf litter decomposition and nutrient release from tropical mangroves. Journal of Environmental Management, 328, p.116902. (Impact Factor: 8.91).
18	2022	Sachithanandam, V., Bonthu, S., Mageswaran, T., Singh, K.S., Vimala, J., Sridhar, R., Purvaja, R. and Ramesh R., 2022. Effect of hydrodynamic conditions on seagrass ecosystems during Cyclone Lehar in the South Andaman Islands, India. Ecohydrology & Hydrobiology. (Impact Factor: 2.957).
17	2022	Neethu, C.S., Saravanakumar, C., Purvaja, R., Robin, R.S. and Ramesh R., 2022. Arsenic resistance and horizontal gene transfer are associated with carbon and nitrogen enrichment in bacteria. Environmental Pollution, 311, p.119937. (Impact Factor: 9.988)
16	2022	Parthiban, A., Sachithanandam, V., Sarangapany, S., Misra, R., Muthukrishnan, P., Jeyakumar, T.C., Purvaja, R. and Ramesh R., 2022. Green synthesis of gold nanoparticles using quercetin biomolecule from mangrove plant, Ceriops tagal: Assessment of antiproliferative properties, cellular uptake and DFT studies. Journal of Molecular Structure, 1272, p.134167. (Impact Factor: 3.841)
15	2022	Rajakumari, S., Sundari, S., Kamatchi, G.A. and Ramesh R., 2022. Assessment of challenges to Radhapuram due to temporal coastal infrastructures using hybrid approach. Journal of Coastal Conservation, 26(5), pp.1-14. (Impact Factor: 2.098)
14	2022	Saravanakumar, C., Neethu, C.S., Purvaja, R., Sunantha, G., Robin, R.S. and Ramesh R., 2022. Networking and co-occurrence of virulent and multidrug resistant environmental bacteria in different aquatic systems: A gap in MDR- virulence transfer?. Science of The Total Environment, p.159221. (Impact Factor: 10.753)
13	2022	Balachandar, K., Viswanathan, C., Robin, R.S., Abhilash, K.R., Sankar, R., Samuel, V.D., Purvaja, R. and Ramesh R., 2022. Benthic foraminifera as an environmental proxy for pollutants along the coast of Chennai, India. Chemosphere, p.136824. (Impact Factor: 8.943)
12		Rajakumari, S., Mahesh, R., Sarunjith, K.J. and Ramesh R., 2022. Volumetric change analysis of the Cauvery delta topography using radar remote sensing. The Egyptian Journal of Remote Sensing and Space Science, 25(3), pp.687-695. (Impact Factor: 6.393)
11	2022	Shah, H and Ramesh, R. (2022). Development-aligned mangrove conservation strategy for enhancement of Blue Economy: A successful model from Gujarat, India. Estuarine and Coastal Shelf Science. https://doi.org/10.1016/j.ecss.2022.107929
10	2022	Bansal, S., Raghuram, N., Adhya, T.K., Rahman, M.M., Tshering, D., Dahal, K.R., Wakeel, A., Aminath, S., Safi, Z., Nissanka, S. and Pathak, H., and Ramesh R., Mark A.S. (2022). Long-term trends of direct nitrous oxide emission from fuel combustion in South Asia. <i>Environmental Research Letters</i> , <i>17</i> (4), p.045028. (Impact Factor: 6.793)

S. No	Year	Details of the Publication
9	2022	Noufal, K.K., Sanjana, M.C., Latha, G. and Ramesh, R., 2022. Influence of internal wave induced sound speed variability on acoustic propagation in shallow waters of North West Bay of Bengal. <i>Applied Acoustics</i> , 194, p.108778. (Impact Factor: 2.639).
8	2022	Rajakumari, S., Mahesh, R., Sarunjith, K.J. and Ramesh, R., 2022. Building spectral catalogue for salt marsh vegetation, hyperspectral and multispectral remote sensing. <i>Regional Studies in Marine Science</i> , p.102435. (Impact Factor: 1.624).
7	2022	Mamidala, H. P., Ganguly, D., Purvaja, R., Reddy, Y., Selvam, A. P., Singh, G Kakolee., Robin RS. Ramesh R., (2022). Distribution and dynamics of particulate organic matter in Indian mangroves during dry period. <i>Environmental Science and Pollution Research</i> , 1-12. (Impact factor: 4.306)
6		Karthik R., Robin R.S., Purvaja R., Karthikeyan V., Subbareddy B., Balachandar K., Hariharan G., Ganguly D., Samuel V.D., Jinoj TPS. and Ramesh R. (2022). Microplastic pollution in fragile coastal ecosystems with special reference to the X-Press Pearl maritime disaster, southeast coast of India. <i>Environmental Pollution</i> , <i>305</i> , p.119297. (Impact Factor: 8.071)
5	2022	Hariharan G., Purvaja R., Anandavelu I., Robin R.S. and Ramesh R., (2022). Ingestion and toxic impacts of weathered polyethylene (wPE) microplastics and stress defensive responses in whiteleg shrimp (Penaeus vannamei). <i>Chemosphere</i> , <i>300</i> , p.134487. (Impact Factor: 7.086).
4	2022	Dev P.J., Geevarghese G.A., Purvaja R. and Ramesh R., (2022). Measurement of in-vivo spectral reflectance of bottom types: Implications for remote sensing of shallow waters. <i>Advances in Space Research</i> , 69(12), pp.4240-4251. (Impact Factor: 2.152)
3	2022	Parthiban A., Sachithanandam V., Lalitha P., Elumalai D., Asha R.N., Jeyakumar TC., Muthukumaran J., Jain M., Jayabal K., Mageswaran T. Sridhar R., Purvaja R. and Ramesh R. (2022). Isolation and biological evaluation 7-hydroxy flavone from Avicennia officinalis L: insights from extensive in vitro, DFT, molecular docking and molecular dynamics simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 1-13. (Impact Factor 3.39)
2	2022	Singh K.S., Bonthu S., Bhaskaran P.K., Purvaja R. and Ramesh R., (2022). Impact of time step size on different cumulus parameterization schemes in the numerical simulation of a heavy rainfall event over Tamil Nadu, India. <i>Pure and</i> <i>Applied Geophysics</i> , <i>179</i> (1), 399-423. (Impact Factor: 2.335)
1	2022	Malakar B., Rajendran A.K., Govindasamy H., Kumar DSV., Gogoi NK., Purvaj R. and Ramesh R., (2022). Record of a Dugong Feeding Trail with a Note on Recent Dugong-Related Incidents Along the Coast of Tamil Nadu, India. <i>Aquatic Mammals</i> , <i>48</i> (1), 21-25. (Impact Factor: 1.382).

#### 7.2. Technical Reports

S. No	Year	Title of the report
11	2023	Holistic Conservation and Integrated Management Plan of Wetlands – Annual Report
10	2023	TN Blue Flag Beach – Kovalam Beach – BWQT & SRA
9	2023	Enhancing Climate Resilience of India's Coastal Communities – Annual Report
8	2023	South Asia Nitrogen Hub Project – Annual Report

S. No	Year	Title of the report
7	2023	Joint study on Seaweed Cultivation, Potential and Ecological Safeguards in the Gulf of Mannar, Tamil Nadu (along with ICAR-CMFRI and CSIR-CSMCRI) – Final Report
6	2023	Long Term Monitoring Plan for the Ecosystem based Conservation Management for Bhitarkanika Conservation Area Phase –II – Annual Report
5	2023	Circular Economy Solution preventing Marine Litter in three Ecosystems – Annual Report 2023
4	2022	National Coastal and Marine Spatial Plan – A framework and Action Plan
3	2022	Long Term Monitoring Plan for the Ecosystem based Conservation Management for Bhitarkanika Conservation Area - 3 <sup>nd</sup> Annual Report & Project Completion Report
2	2022	Linking the Land-based Activities with Ecosystem Dynamics of Pulicat Lagoon in India (UNEP, Nairobi; Yr2021)
1	2022	Safety Risk Assessment and Bathing Water Quality Testing in three Beaches of India

#### 7.3. Factsheets & Brochures

Bhitarkanika Conservation Area Report Card 3: (Yr2021-Yr2022)

# 8. Capacity building (Training / Internships)

Number of Internships for the year 2022-2023	17
Number of Dissertation for the year 2022-2023	20

Date	Title of Training	Organised by
30 <sup>th</sup> January to 3 <sup>rd</sup> February 2023	Training programme on Climate Resilience and Scientific Management of Coastal Areas and Related Filed Visits for Maharashtra Maritime Board (MMB) from 30th January to 3rd February 2023 held at NCSCM	NCSCM
20 <sup>th</sup> and 21 <sup>st</sup> October 2022	Phase III - Capacity Building Program for the Scientists of MoEF&CC 20th & 21st October 2022, held at NCSCM	
22 <sup>nd</sup> July 2022	NCSCM hosted an exposure visit to 25 interns with the National Biodiversity Authority (NBA) on 22nd July,2022, on the Scientific Activities of NCSCM	National Biodiversity Authority (NBA)

### 9. Revenue Generation Projects

### 66 EDC Project reports completed during the year 2022-2023

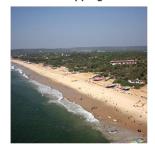
### Consultancy projects - CRZ/CZMP/ICRZ/IIMP/Shoreline Change Mapping etc.

Towards building NCSCM as a selfsupporting research centre, NCSCM has undertaken scientific several consultancies in multi-disciplinary projects since September 2015 pertaining to coast marine development and and conservation. А road map for strengthening capabilities and generating revenue to build a corpus of Rs. 100 Crores over a period of 10 years (2025) is prepared to meet a part NCSCM expenses.

Projected earnings from the corpus interest and the consultancy/ research projects as per the Business Plan of NCSCM, the Centre would become operationally self-sufficient - partly by 2025 and fully self-reliant by 2030. The broad thematic areas under the GIS as a part of the GIS Mapping Projects are as follows:

- (1) Coastal Regulation Zone Mapping
- (2) Coastal Zone Management Plan
- (3) Island Coastal regulation Zone mapping
- (4) Integrated Island management Plan
- (5) Assessment of Shoreline Change
- (6) Topographic Survey Coastal Area
- (7) Sale of Data Products / Map Service
- (8) Mapping of Coastal Land use Land cover
- (9) Decision Support System for Coastal Management

Coastal Regulation Zone Mapping



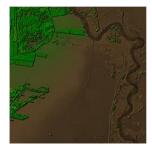
Island Coastal Regulation Zone & Integrated Island Management Plan



Topographic Survey of Coastal Areas



Mapping of Coastal Land use Land cover



Preparation of Coastal Zone Management Plan



Shoreline Change mapping & Shoreline Management Plan



Decision Support System for Coastal Management



Sale of Data Products / Map Services

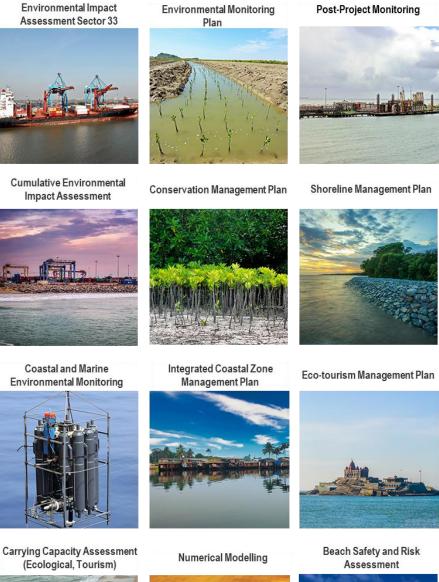


#### Consultancy projects - EIA/ REIA, Wetlands etc.

NCSCM is an ISO/IEC 17025:2017 (NABL), and National Accreditation Board for Education and Training (NABET) certified organization. The institute also functions with the aim of supporting integrated management of coastal and marine environments for livelihood security, sustainable development, and hazard risk management by enhancing knowledge, undertaking research and advisory support, developing partnerships and networks, including coastal community interfaces. The Institute is well positioned to undertake various studies and advise on sectoral programs and projects. It houses capacities and skills to interface with stakeholders like state governments, international agencies, and national monitoring agencies in studying, monitoring, and demonstrating ideas and solutions with scientific-technological support. A team of highly qualified young scientists and professionals with expertise in inter-disciplinary sciences related to coastal management serves as the backbone of the centre. As a part of the EIA/ REIA/ management plans related work, NCSCM undertakes various coastal infra-projects under Sector 33- Ports/ Harbours/ Dredging and Breakwaters for government and private sectors. Major thematic areas include *inter alia* the followings:

- (1) EIA Projects under Sector 33
- (2) Environmental safeguards and Monitoring Plan (Offshore and floating solar)
- (3) Post-Project Monitoring
- (4) Cumulative Environmental Impact Assessment
- (5) Conservation management plan
- (6) Shoreline management plan
- (7) Pollution management plan
- (8) Disaster management plan
- (9) Livelihood management plan
- (10) Fisheries management plan
- (11) Water Resources Management plan
- (12) Eco-tourism Management plan
- (13) Coastal and marine environmental monitoring
- (14) Integrated Coastal Zone Management Plan
- (15) Coastal and Marine Spatial Plan
- (16) Carrying Capacity Assessments
- (17) Biomonitoring and Risk Assessments
- (18) Eco-labelling of Beaches

- (19) Beach Water Quality Assessments
- (20) Safety and Risk Assessment of Beaches
- (21) Wetland Management plan
- (22) Ecosystem Health Report Cards
- (23) Carbon Stock and sequestration Assessments of blue carbon systems
- (24) Fisheries management plan
- (25) Numerical modelling
- (26) Coastal Process studies
- (27) Air Quality assessment and modelling
- (28) Coastal and marine microbiology
- (29) Marine biotechnology
- (30) Blue Economy
- (31) Circular economy solutions
- (32) Climate change adaptation and mitigation plans





**Pollution Management Plan** 





**Disaster Management Plan** 



Beach Bathing Water Quality Testing (BWQT)



75 | Page

# 10. Events (2022 - 2023)

Date	Title of Event	Organised by	Place
08 <sup>th</sup> March 2023	International Women's Day 2023	NCSCM	NCSCM
30 <sup>th</sup> January to 3 <sup>rd</sup> February 2023	Training programme on Climate Resilience and Scientific Management of Coastal Areas and Related Filed Visits for Maharashtra Maritime Board (MMB) from 30th January to 3rd February 2023 @NCSCM		NCSCM, Chennai
26 <sup>th</sup> January 2023	Republic Day	NCSCM	NCSCM
20 <sup>th</sup> and 21 <sup>st</sup> October 2022	Phase III - Capacity Building Program for the Scientists of MoEF&CC 20th & 21st October 2022	NCSCM	NCSCM, Chennai
26 <sup>th</sup> and 27 <sup>th</sup> September 2022	Eco alternative Expo and Start-up Conference	Government of Tamil Nadu and MoEFCC	Chennai Trade Center
10 <sup>th</sup> and 11 <sup>th</sup> September 2022	National Conference on Sustainable Coastal Management in India	UNDP with Odisha Government	Bhubaneswar, Odisha
27 <sup>th</sup> August 2022	Swachh Sagar, Surakshit Sagar Coastal Clean-up Event & Awareness Drive	MoEFCC	Promenade Beach, Puducherry
15 <sup>th</sup> August 2022	75th Independence Day Celebrations @NCSCM	NCSCM	NCSCM, Chennai
22 <sup>nd</sup> July 2022	NCSCM hosted an exposure visit to 25 interns with the National Biodiversity Authority (NBA) on 22nd July,2022, on the Scientific Activities of NCSCM	National Biodiversity Authority (NBA)	NCSCM, Chennai
21 <sup>st</sup> May 2022	'SAHBHAGITA' Workshop for Conservation and Wise-Use of Wetlands	MoEFCC	NCSCM, Chennai
22 <sup>nd</sup> May 2022	International Day of Biological Diversity 2022	National Biodiversity Authority	Kalaivanar Arangam, Chennai
29 <sup>th</sup> June 2022 to 3 <sup>rd</sup> July 2022	Uttar Pradesh Plastic Waste Management Conclave - 2022	Department of Environment, Forest and Climate Change and Urban Development Department, Government of Uttar Pradesh in collaboration with GIZ India	Indira Gandhi Pratishthan, Lucknow

#### International Women's Day 2023



77 | Page

Training programme on Climate Resilience and Scientific Management of Coastal Areas and Related Filed Visits for Maharashtra Maritime Board (MMB) from 30th January to 3rd February 2023 @NCSCM



#### Republic Day 2023









Phase III - Capacity Building Program for the Scientists of MoEF&CC 20th & 21st October 2022





Eco alternative Expo and Start-up Conference

**81 |** Page

T -

National Conference on Sustainable Coastal Management in India

82 | Page

Swachh Sagar, Surakshit Sagar Coastal Clean-up Event & Awareness Drive







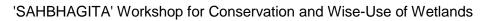
84 | Page





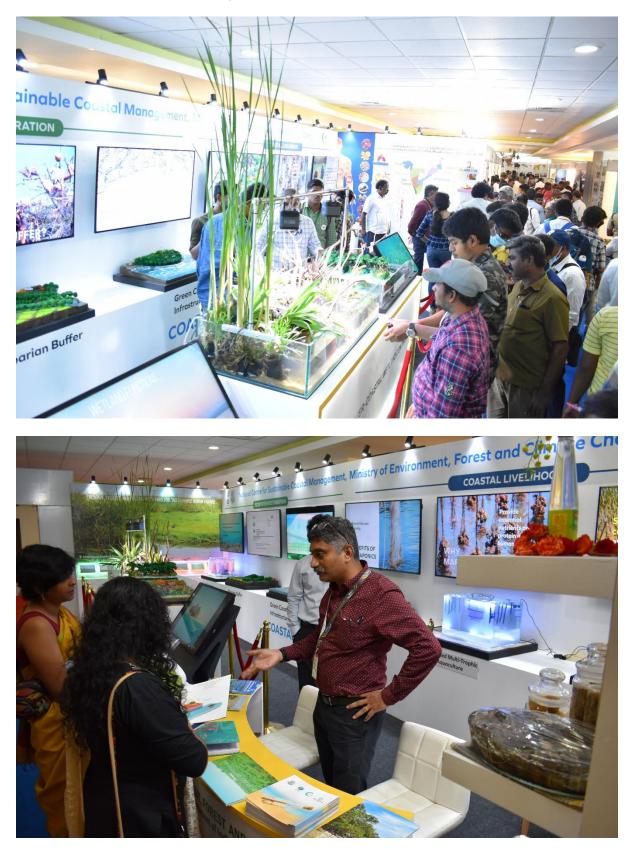


NCSCM hosted an exposure visit to 25 interns with the National Biodiversity Authority (NBA) on 22nd July,2022, on the Scientific Activities of NCSCM





### International Day of Biological Diversity 2022





Uttar Pradesh Plastic Waste Management Conclave - 2022



### DELTA

### The Auditorium

DELTA auditorium is the central important place to deliver professional seminars, conferences, presentations and important meetings apart from screening research oriented movies. The entire facility is fully air-conditioned with a dedicated power back-up. Delta auditorium has a seating configuration for 220 people with acoustic audio visual facilities. Other facilities includes video conferencing, Personnel assistance system, digital projection, and WiFi facilities. It has an excellent stage to be used for all common functions/events. Behind the stage, support and service room is also available.

# ROSETTE

### **Convention Centre**

Rosette hall is a well-furnished and very spacious fully air conditioned Conference Hall with state of the art audio, video facilities. It has a capacity to accommodate up to 70 participants. This premier space is designed for various lectures by Guest Speakers, Exhibitions, Seminars, programmes and conferences.

# CLIFF

# **Visiting Scientist's Hostel**

NCSCM offers well-designed spacious 2-storeyed Visiting Scientist's Hostel for the comfortable stay for the delegates, researchers and scientists. Cliff Visiting Scientist Hostel has 13 AC rooms, consisting of 4 Suites and 9 Standard rooms. All the rooms

are well-equipped with Television set, intercom, Hi speed Wi-Fi and other basic amenities.

For reservation email the downloaded application to admin[at]ncscm[dot]org

## Chlorophyll

# The Café

NCSCM has air conditioned Cafeteria with modern facilities within its campus, which is open for staff, students and visitors. It has a seating capacity of 64 serves at a time. Healthy and hygienic food, meals and fresh fruit juices are available. Hard-working, well-trained staff ensures a prompt and environmentally sustainable services by using resources conscientiously.

Cafeteria is open for public from Monday to Saturday (9:00 AM to 6:30 PM).

# Library

# ATHENAEUM

NCSCM library collection includes books, periodicals, newspapers, manuscripts, research films, maps, printed resources, manuscript, online databases, theses and ephemeral collections to support the scholarly and subject information needs of the researchers. Athenaeum has a reading hall with seating capacity of 36, and 85" smart TV for displaying recent research works, research movies, underwater videos about different species and its habitat. The mezzanine floor has a dedicated e-library with Science Direct subscription. 16 touch screen personal computers are available. Dedicated library staff are present to provide assistance for issuing and returning of books. NCSCM invites all to visit the library in order to enjoy the wealth of printed resources available on our shelves.

# **SCIENTIFIC LABORATORIES**

NCSCM laboratories are equipped with highly sophisticated equipment for specialized analyses. Several multi-disciplinary research studies are undertaken as part of the Integrated Coastal Zone Management Project and coastal ecosystem science for management. This state-of-the-art facility is used to further NCSCM research mandates and are open for use by researchers, students and for expanding the business plan of NCSCM.

1. Coastal Biomonitoring Facility



3. Environmental Radiochemistry Lab

2. Climate Change Research Facility



4. Coastal Ecology Lab







6. Marine Microbiology Lab



7. Marine Biotechnology Lab



8. Marine Litter Research Lab



- 9. Advanced Imaging and Analytical Facility
- 10. Paleoclimate Reconstruction Lab
- 11. Marine Plankton Imaging Lab





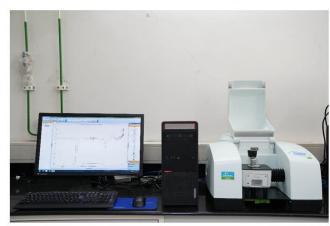


12. Persistent Organic Pollutant Research Lab



15. Remote Sensing & GIS Facility

13. Beach Monitoring Lab

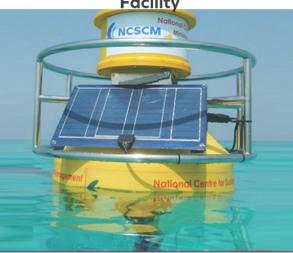


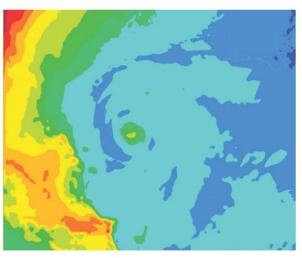
16. Real-Time Monitoring System Facility 14. Air Quality Monitoring Lab



17. Numerical Modelling Facility







# 11. Right to Information

Different information System         Quartery Reput. Automoty: National Centre for Sustainable Casala Hausgement (NGSCH)         Opening to dragge control for Sustainable Casala Hausgement (NGSCH)         Opening to dragge control for Sustainable Casala Hausgement (NGSCH)         Opening to dragge control for Sustainable Casala Hausgement (NGSCH)         Opening to dragge control for Sustainable Casala Hausgement (NGSCH)         Opening to dragge control for Sustainable Casala Hausgement (NGSCH)         Opening to dragge control for Sustainable Casala Hausgement (NGSCH)         Opening to dragge control for Sustainable Casala Hausgement (NGSCH)         Progras during the materia for Sustainable Casala Hausgement (NGSCH)         Progras during the materia for Sustainable Casala Hausgement (NGSCH)         Progras during the materia for Sustainable Casala Hausgement (NGSCH)         Progras during the materia for Sustainable Casala Hausgement (NGSCH)         NA       O       O       O         NA       O       O       O       O         Opening Materia Hausgement Hau						Admin	QuarterlyReturns		
Quality Product V: Mational Centre for Sustainable Coastal Management (KCSCM)         Gunnary: Ist Quarter (April-June)2022-2023         *Bick II Dictains about the requests and appeals         Perform and the requests and appeals         Bick II Dictains about the requests and appeals         Perform and the requests and appeals         No. of Space         Perform and the requests and appeals         No. of Space         Perform and the requests and appeals         No. of Space         Perform and the requests and appeals         No. of Space         Perform and the requests and appeals         Perform and the request appeals replayed to the request and the request and the request and the request appeals replayed to the request appeals request appeals replayed to the request appea					RTI Annual Re	turn Informa	ion System		
Currer: Int Currer (April-June)2022-2023 * Bick II Details about the requests and appeab)  Progress during Duarter  Opining of a papeleation received of Currer (Papeleation received of Currer (Papeleation) of Crass transferrer of the requests/appeabs registed of 0  Requests 0  N/A  O  N/A  O  Currer (Pape)  Currer (Pape)  Currer (Pape)  N/A  O  N/A  O  Currer (Pape)  Currer (Pape)  Currer (Pape)  Currer (Pape)  Currer (Pape)  N/A  O  Currer (Pape)  N/A  O  Currer (Pape)  N/A  O  Currer (Pape)  Currer (Pape)  N/A  O  Currer (Pape)  Currer (Pape)  N/A  O  Currer (Pape)  Cur					Quat	erly Return For	m		
Opposing same as on particular from other PAN (0.63)       Received during the stransferred to other branched to oth					astal Management (NC	SCM)			
Opening Balance a beginne of beginn	* Block I (Details	about the	requests and appe	eals)					
Balance begining of       No. 01 splication received up 6 (3)       Decisions Where bother PAs)       No. 01 cases transferred to this PAs uis 6(3)       The decisions Where requests/appeals rejeted PAs uis 6(3)         Requests       0       1       4       0       0       5         First Appeals       N/A       0       N/A       0       0       0         * Bick III (betails about fees Collected genalaty imposed and disciplinary action taken) Rely u's 7(1)       Add. Fee Collected(in Rs.) u's 7(1)       Pas) u's 7(2)       Paso u's 20(2)       0       0       0       0       0         * Bick III (betails do urinous provisions of section 8 while rejecting the requested information)       No. 01 Cases where disciplinary action taken against any Officer u's 20(2)       0       0       0       0       0       2         * Bick III (betails for viscue provisions of section 8 while rejecting the requested information)       No. 01 Cases where the disclosure is posied (max taken 15 co 4;0)       Section 2       0       0       0       0       2         * Bick III (betails Regarding Mandatory D							Progress duri	ng Quarter	
First Appoints       0       N/A       0       N/A       0       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 1       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 1       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 1       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 0       Total no. Of CAPIOs designated 1       Total no. Of CAPIOs designated 0       No. Of Cases where disciplinary action taken against any Officer u's 20(2)         *       Block III (Details of various provisions of sections of RTI Act 2005       No. Of Cases where disciplinary action taken against any Officer u's 20(2)       Section 0       Section         *       0       0       0       0       0       0       0       2         *       0       0       0       0       0       0       0       0       2 <td>в</td> <td>alance as on</td> <td>as transfer from</td> <td>other PAs</td> <td>Quarter(including cases</td> <td>s transferred</td> <td>transfered to other</td> <td></td> <td></td>	в	alance as on	as transfer from	other PAs	Quarter(including cases	s transferred	transfered to other		
Appends     NA     0     0       Total no. Of CAPIOs designated     Total no. Of CPIOs designated     Total no. Of CPIOs designated     Total no. Of CPIOs designated     0   * Block II (Details about fees collected (in Rs.) u/s 7(1) Addl. Fee Collected (in Rs.) u/s 7(1) Addl. Fee Collected (in Rs.) u/s 7(1) Addl. Fee Collected (in Rs.) u/s 7(1) Block III (Details Of various provisions of section 3 while rejecting the requested information) No. Of Cases where disciplinary action taken Block III (Details Regarding Mandatory Disclosures) A. Is the Mandatory Disclosures under Sec. 4(1)(b) posted on the Website of Public Authonity ? Yes Provide the detail/URL of webpage, where the disclosure is posted (max 16/2011). Yes No. 16/2021. Provide the detail/URL of webpage, where the disclosure is posted (max 16/2013). Yes Numerical of Mandatory disclosures under Sec. 4(1)(b) (Format dd/mn/yyyy) 2018-11-12	Requests 0		1		4	0		0	5
0       1       0	0		N/A		0	N	A	0	0
Registration Fee Collected(in Rs.) u/s 7(1)       Addl. Fee Collected(in Rs.) u/s 7(3)       Penalty Amount Recovered(in Rs.) as directed by CIC u/s 20(1)       No. Of Cases where disciplinary action taken against any Officer u/s 20(2)         0       0       0       0       0       0       0       0       0         * Block III (Details Of various provisions of section 8 while rejecting the requested information)       No. Of times various provisions were involved while rejecting requests Relevant Section 8(f)       Section 8()       Section 8()       Section 8()         a       b       c       d       e       f       g       h       j       g       11       :24       other         0       0       0       0       0       0       0       0       0       2         * Block IV (Details Regarding Mandatory Disclosures)       A. Is the Mandatory Disclosures under Sec. 4(1)(b) posted on the Website of Public Authority 7       Provide the detail/URL of webpage.where the disclosure is posted (max 150 chars)         Yes       www.ncscm.res.in       202.01.10       202.01.10         C. Has the Mandatory Disclosure under Section 4(1)b       202.01.10       Provide the detail/URL of webpage.where the Audit report is posted (max 15:0 chars)         Yes       https://cic.gov.in/sites/default/files/Transparency?         Yes       https://cic.gov.in/sites/default/files/T			ia M	Total no. Of C			Total no. Of (	-	designated
Registration Fee Collected(in Rs.) w/s 7(1)       Addl. Fee Collected(in Rs.) w/s 7(3)       Penalty Amount Recovered(in Rs.) as directed by CIC w/s 20(1)       No. Of Cases where disciplinary action taken against any Officer u/s 20(2)         0	* Block II (Details	about fees	Collected, penalty	r imposed and	disciplinary action taken)				
0       0	Registration F	ee Collec	ted(in Addl	. Fee Collect	ed(in Penalty A	mount Recove			
No. Of times various provisions were invoked while rejecting requests         Section 3(i)         Provide the detail/URL of webpage, where the disclosure is posted (max 150 chars)         Yes         Www.ncscm.res.in         B. Last Date of updating of Mandatory Disclosure under Section 4(1)b       2023-01-10         C. Has the Mandatory Disclosure under Sec. 4(1)(b)(Format dd/mm/yyyy)       Zetion 3(i)         Yes       Mittps://fcic.gow.in/sittes/default/files/Transparency? <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 -</td> <td></td> <td></td> <td></td>		0				1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 -			
Relevant Sections 0f RTI Act 2005         a       b       c       d       e       f       g       h       i       j       g       11       24       other         0       2         * Elock IV (Details Regarding Mandatory Disclosures)       A. Is the Mandatory Disclosures under Sec. 4(1)(b) posted on the Website of Public Authority ?       Provide the detail/URL of webpage.where the disclosure is posted (max 150 chars)         Yes         Yes         Www.ncscm.res.in         B. Last Date of updating of Mandatory Disclosure under Section 4(1)b       2023-01-10         C. Has the Mandatory Disclosure been audited by third party as per DOPT vide OM No. 1/k/2011-       Provide the detail/URL of webpage.where the Audit report is posted (max 150 chars)         Yes         Yes         https://cic.gov.in/sites/default/files/Transparency*         Yes         bite of audit of Mandatory disclosures under Sec. 4(1)(b)(Format dd/mm/yyyy)       2018-11-12	* Block III (Details	s Of various	provisions of sect	tion 8 while rej	ecting the requested infor	mation)		가 있어든 ADD 가 있는 것 같은 것 같은 것	
Section 8(i)          a       b       c       d       e       f       g       h       i       j       9       11       24       other         0       0       0       0       0       0       0       0       0       0       0       2         * Block IV (Details Regarding Mandatory Disclosures)       A. Is the Mandatory Disclosures under Sec. 4(1)(b) posted on the Website of Public Authority ?       Provide the detail/URL of webpage,where the disclosure is posted (max 150 chars)         Yes       www.ncscm.res.in         B. Last Date of updaling of Mandatory Disclosure been audited by third party as per DOPT vide OM No. 1/6/2011-       Provide the detail/URL of webpage,where the Audit report is posted (max 150 chars)         Yes       Yes       Provide the detail/URL of webpage, where the Audit report is posted (max 150 chars)         Yes       Yes       Provide the detail/URL of webpage, where the Audit report is posted (max 150 chars)         Yes       Yes       Provide the detail/URL of webpage, where the Audit report is posted (max 150 chars)         D. Date of audit of Mandatory disclosures under Sec. 4(1)(b)(Format dd/mm/yyyy)       2018-11-12							while rejecting reques	ts	
a       b       c       d       e       f       g       h       i       j       g       11       24       other         0       2       4       0       0       0       0       0       0       2       4       0       0       0       0       0       0       2       4       0       0       0       0       0       2       4       0       0       0       0       0       2       2       4       0       0       0       0       0       2       2       4       0       0       0       0       0       2       2       4       0	Section 8(i)				Relevant S	ections Of RTI Ac	2005		
B. Last Date of updating of Mandatory disclosure under Section 4(1)b 2023-01-10 C. Has the Mandatory Disclosure been audited by third party as per DOPT vide OM No. 1/6/2011- IR dated 15-04-2013? Yes https://cic.gov.in/sites/default/files/Transparency? D. Date of audit of Mandatory disclosures under Sec. 4(1)(b)(Format dd/mm/yyyy) 2018-11-12	* Block IV (Details	Regarding	Mandatory Disclo	sures)	n mana se			I/URL of webpage,where the	7 7 ¥
C. Has the Mandatory Disclosure been audited by third party as per DOPT vide OM No. 1/6/2011- IR dated 15-04-2013? Provide the detail/URL of webpage.where the Audit report is posted (max 150 chars) Yes D. Date of audit of Mandatory disclosures under Sec. 4(1)(b)(Format dd/mm/yyyy) 2018-11-12					ter en la companya de la companya d	a ka sa sa sa sa sa sa	A A MARKET AND A		
IR dated 15-04-2013? (max 150 chars) Yes https://cic.gov.in/sites/default/files/Transparency? D. Date of audit of Mandatory disclosures under Sec. 4(1)(b)(Format dd/mm/yyyy) 2018-11-12			Yes					www.ncscm.res.in	
D. Date of audit of Mandatory disclosures under Sec. 4(1)(b)(Format dd/mm/yyyy) 2018-11-12	B. Last Date of u	updating of		osure under S	Section 4(1)b	An	and a second		
	C. Has the Mand	latory Disc	Mandatory discl		na an Island - Sa	DM No. 1/6/2011	- Provide the de	2023-01-10 tail/URL of webpage,where (	he Audit report is posted
	C. Has the Mand	latory Disc	Mandatory discle		na an Island - Sa	DM No. 1/6/2011	- Provide the de	2023-01-10 tail/URL of webpage,where t (max 150 chars)	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C		- Provide the de	2023-01-10 taii/URL of webpage,where t (max 150 chars) https://cic.gov.in/sites/d	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 taii/URL of webpage,where t (max 150 chars) https://cic.gov.in/sites/d	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	Provide the de	2023-01-10 taii/URL of webpage,where t (max 150 chars) https://cic.gov.in/sites/d	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
	C. Has the Mand IR dated 15-04-2	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	
1/1 1/1	C. Has the Mand IR dated 15-04-2 D. Date of audit of	latory Disc 2013?	Mandatory discl	ited by third p	arty as per DOPT vide C	)	- Provide the de	2023-01-10 tail/URL of webpage.where t (max 150 chars) https://cic.gov.in/sites/d 2018-11-12	

			RTI Annual Retu	rn Information System		
(				ly Return Form		
		nal Centre for Sustainable (	Coastal Management (NCS)	CM)		
		July-Sept)2022-2023	,			
• Block I (D	Details about the	e requests and appeals)				
				Progress	during Quarter	
	Opening Balance as on	No. of application received as transfer from other PAs	Quarter(including cases tr	ansferred Iransfered to ot	her Decisions When	
Requests	begining of	u/s 6(3) 1	to other PAs)	PAs u/s 6(3) 0		
First	0		4		0	5
Appeals	U	N/A	0	N/A	0	0
		Total no. C	0f CAPIOs designated 0	Total no	<ul> <li>of CPIOs designaled</li> <li>1</li> </ul>	Total no. Of AAs designaled 0
* Block II (D	Details about fe	es Collected,penalty imposed a	nd disciplinary action taken)			
-	tion Fee Colle Rs.) u/s 7(1)	ected(in Addl. Fee Colle Rs.) u/s 7		ount Recovered(in Rs.) as ted by CIC u/s 20(1)		' re disciplinary action taken ny Officer u/s 20(2)
	0	0		0		0
* Block III (D	Details Of variou	us provisions of section 8 while	rejecting the requested inform	ation)		
			No. Of times various provisions		equests	
Section 8(i	i)		Relevant Sec	tions Of RTI Act 2005	· · · · · · · · · · · · · · · · · · ·	clion
0	•		0 0 0	0 0	0 0	0 0
* Block IV (D		ng Mandatory Disclosures) sclosures under Sec. 4(1)(b) r		Provide the	n e ni	
* Block IV (D		sclosures under Sec. 4(1)(b) p		Provide the	e detail/URL of webpage,who 150 chai	ere the disclosure is posted (may s)
* Block IV (D A, Is the I	Mandatory Dis	sclosures under Sec. 4(1)(b) p Yes	posted on the Website of Put	Provide the	e detail/URL of webpage,who 150 char www.ncscm.res.in	ere the disclosure is posted (may s)
* Block IV (D A, Is the I	Mandatory Dis	sclosures under Sec. 4(1)(b) p	posted on the Website of Put	Provide the	e detail/URL of webpage,who 150 chai	ere the disclosure is posted (may s)
* Block IV (D A, Is the I B. Last Dat	Mandatory Dis te of updating Mandatory Dis	sclosures under Sec. 4(1)(b) p Yes	posted on the Website of Put er Section 4(1)b	plic Authority? Provide the	e detail/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10	ere the disclosure is posted (may s) here the Audit report is posted
<ul> <li>Block IV (D</li> <li>A. Is the I</li> <li>B. Last Dat</li> <li>C. Has the</li> </ul>	Mandatory Dis te of updating Mandatory Dis	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure unde	posted on the Website of Put er Section 4(1)b	plic Authority? Provide the	e detaii//URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he detail/URL of webpage.w (max 150 c	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A, Is the I B. Last Dat C. Has the IR dated 15	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure unde sclosure been audited by third Yes	posted on the Website of Put er Section 4(1)b d party as per DOPT vide ON	plic Authority? Provide the	e detail/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he detail/URL of webpage.w (max 150 c https://cic.gov.in/s	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A, Is the I B. Last Dat C. Has the IR dated 15	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure unde sclosure been audited by third	posted on the Website of Put er Section 4(1)b d party as per DOPT vide ON	Provide the Authority ? 1 No. 1/6/2011- Provide the	e detaii//URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he detail/URL of webpage.w (max 150 c	ere the disclosure is posted (ma s) here the Audit report is posted hars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (ma s) here the Audit report is posted hars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (may s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (max s) here the Audit report is posted nars)
* Block IV (D A. Is the I B. Last Dat C. Has the IR dated 15 D. Date of a	Mandatory Dis te of updating Mandatory Dis 5-04-2013?	sclosures under Sec. 4(1)(b) p Yes of Mandatory disclosure under sclosure been audited by third Yes atory disclosures under Sec. 4	posted on the Website of Put er Section 4(1)b d party as per DOPT vide OM 4(1)(b)(Format dd/mm/yyyy)	Provide the Authority ? 1 No. 1/6/2011- Provide the	e delaii/URL of webpage,who 150 char www.ncscm.res.in 2023-01-10 he delaii/URL of webpage.w (max 150 cl https://cic.gov.in/s 2018-11-12	ere the disclosure is posted (max s) here the Audit report is posted

6/21/23. 12:38 PM			Admin   QuarterlyReturns								
				RTI	Annual Return Info	ormation	System				
ī					Quaterly Retu	m Form					
				Coastal Mana	gement (NCSCM)						
	Brd Quarter (C Details about th	-									
DIOCKTID	s cans about (h	e requests a	no appeals)						Υ.		
	0						Progress durin	g Quarter			
	Opening Balance		pplication received		ceived during the		o. of Cases	Decisions V	Vhere	Decisions Whe	
	as on	as transi	fer from other PAs u/s 6(3)		luding cases transferre to other PAs)		fered to other As u/s 6(3)			requests/appeals	
	begining of		0.0 0(0)		to other r Aay		45 0/5 0(5)				
Requests	0	4		0		2		0		2	
First	0	N/A		0		N/A		0		0	
Appeals		- 75 %		2		19/24		•		U	
			Total no. O	f CAPIOs desi	ignated		Total no. Of C	PIOs designated		Total no. Of A	As
				0				1		designaled 0	
										U	
* Block II (De	etails about fee	es Collected,	penalty imposed ar	nd disciplinary	action taken)						
	tion Fee Colle		Addl. Fee Colle		Penalty Amount Re	ecoveredíi	n Rs.) as	No. Of Cases	where disc	iplinary action tak	en
F	Rs.) u/s 7(1)		Rs.) u/s 7(	(3)	directed by					cer u/s 20(2)	
	0		0		2	)			0		
						1					
* Block III (D	Details Of variou	is provisions	s of section 8 while r	rejecting the re	quested information)						
			Ν	Vo. Of times var	rious provisions were inv			5			
Section 8(i)	\ \			a a 240 - y	Relevant Sections Of	RTI Act 2005	5				
Section o(I)		ar or par			· · ·		2		Section		
a b	b c	d	e f	f g	h ji	j.	9	11 2	24	other	
Block IV (De	0 etails Regardin		0 0 y Disclosures)	0	0 0	0	0 0	0	0	0	ŝ.
	etails Regardin	g Mandatory	y Disclosures)							0 disclosure is posted	, t (max
	etails Regardin	g Mandatory closures un	y Disclosures) nder Sec. 4(1)(b) p		0 0 Website of Public Auth			/URL of webpage 150	e.where the chars)		s d (max
	etails Regardin	g Mandatory closures un	y Disclosures)		Website of Public Auth			/URL of webpage	e.where the chars)		, I (max
A. Is the N	etails Regardin Mandatory Dis	g Mandatory closures un	y Disclosures) nder Sec. 4(1)(b) p Yes	posted on the V	Website of Public Auth			/URL of webpage 150	e.where the chars)		, t (max
A. Is the M B. Last Date C. Has the M	etails Regardin Mandatory Dis e of updating o Mandatory Dis	g Mandatory closures un of Mandator	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under	posted on the V or Section 4(1)	Website of Public Auth	orily?	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa	e.where the chars) es.in ge.where th		
A. Is the M B. Last Date C. Has the M	etails Regardin Mandatory Dis e of updating o Mandatory Dis	g Mandatory closures un of Mandator sclosure bee	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by third	posted on the V or Section 4(1)	Website of Public Auth	orily?	Provide the detail	/URL of webpage 150 www.ncscm.r. 2023-01-10 ail/URL of webpa (max 1	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date	etails Regardin Mandatory Dis e of updating o Mandatory Dis	g Mandatory closures un of Mandator sclosure bee	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under	posted on the V or Section 4(1)	Website of Public Auth	orily?	Provide the detail	/URL of webpage 150 www.ncscm.r. 2023-01-10 ail/URL of webpa (max 1	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M IR dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	orily?	Provide the detail	/URL of webpage 150 www.ncscm.r. 2023-01-10 ail/URL of webpa (max 1	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator closure bee	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M IR dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M IR dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M IR dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M IR dated 15-	etails Regardin Mandatory Dis e of updating o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator icclosure bec	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	er Section 4(1) d party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted
A. Is the M B. Last Date C. Has the M R dated 15-	etails Regardin Mandatory Dis e of updaling o Mandatory Dis -04-2013?	g Mandatory closures un of Mandator sclosure bee	y Disclosures) nder Sec. 4(1)(b) p Yes ry disclosure under en audited by Ihird Yes sures under Sec. 4	oosted on the V or Section 4(1)t I party as per [ (1)(b)(Format	Website of Public Auth b DOPT vide OM No. 1/6 dd/mm/yyyy)	ority ? F 5/2011-	Provide the detail	/URL of webpage 150 www.ncscm.rr 2023-01-10 ail/URL of webpa (max 1 https://cic.gov	e.where the chars) es.in ge.where th 50 chars)	disclosure is posted	sted

ne 1120, 11	2.00 F M				Ацпп	і і фианенуке	ums		
				RTI Annu	al Return Inform	ation System			
ŕ									
		nal Centre for Su an-Mar)2022-202		stal Management (	Quaterly Return F NCSCM)	orm			
		requests and appr							
						Progres	s during Quarter		
	Opening								
	Balance as on begining of	No. of application transfer from c 6(3	other PAs u/s	Received o Quarter(including to othe	cases transferred	No. of Case Iransfered to oth u/s 6(3)	er PAs Decisio	ons Where opeals rejected	Decisions Where requests/appeals replie
Requests	0	3		2		1	0	4	
First Appeals	0	N/A		0		N/A	0	0	
			Talalas Of						Total no. Of AAs
			Iotal no. Of	CAPIOs designated 0		Total r	no. Of CPIOs designa 1	ated	designated 1
* Block II (D	etails about for	r Collected penalt		lisciplinary action tak					
		the second reasonable	The second secon	eres and an	A	(in Rs.) as direc	ted No. Of Cococ	whore dissipline	ry action taken again
	Rs.) u/s 7(1)	• • • ••••••••••••••••••••••••••••••••	u/s 7(3)		by CIC u/s 2	0(1)	no. of cases	any Officer u	
	0	e n a constantant	0		0	5 10.00		0	
* Block III (D	etails Of variou	s provisions of sec	tion 8 while reje	cting the requested in	formation)				
				o. Of times various pr		d while rejecting r	requests		
		• • • • • • • •			vant Sections Of RTL		equests		
Section 8(i)	• • • • • • •					•		Section	
a 1 	b c 0	d 0 0	e f 0	g 0 0	h i	j 9	11	24	olher
	(1997) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	g Mandatory Disclo isclosures under :		sted on the Website	of Public Authority	Provide ti		page,where the di 150 chars)	sclosure is posted (ma
		Yes	······································	an a	) -1 (months - 1999), 2 (months)	· · · · · · · · · · · · · · · · · · ·	www.ncso	m.res.in	
3. Last Date		of Mandatory discl					2023-05-1	8	
C. Has the I dated 15-04	Mandatory Dis	closure been aud	ited by third pa	rty as per DOPT vid	e OM No. 1/6/2011-	IR Provide th		age, where the Au 150 chars)	dit report is posted (ma
		Yes			2 · • 5 · · · · · · · · · · ·		https://cic	.gov.in/sites/defa	ult/files/Transparenc
	udit of Mandal	lory disclosures u		(b)(Format dd/mm/y)	· · · · · · · · · · · · · · · · · · ·	· ·	2018-11-1	2	
							2010-11-1.		
·									
		n i sara							
ps://dsscid	c.nic.in/quart	erly-returns/abs	stract-report						1

# 12. Audit Report (FY2022-2023)



#### INDEPENDENT AUDITORS REPORT

То

The Director

#### NATIONAL CENTRE FOR SUSTAINABLE COSTAL MANAGEMENT Add: Anna University Campus, Guindy, Chennai - 600025

#### **Report on the Financial Statement**

We have audited the accompanying financial statement of NATIONAL CENTRE FOR SUSTAINABLE COSTAL MANAGEMENT which comprises the balance sheet as at 31st march 2023, the income & expenditure statement and the receipt & payment statement for the period then ended and summary of significant accounting policies and other explanatory information on that date annexed thereto.

#### Management's Responsibility for the financial statement

The Society's management is responsible for the preparation of these financial statement that give a true fair view of financial position financial performance of the Society in accordance with the accounting standards issued by the institute of chartered accountants of India. These responsibilities includes the design, implementation and maintenance of internal controls relevant to the preparation and presentation of the financial statement that gives a true and fair view and are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express an opinion on these finance statement based on our audit. We have conducted our audit in accordance with the standards on auditing issued by the institutes of chartered Accountants of India. Those standards require that we comply with the ethical requirement and plan and perform the audit to obtain reasonable assurance about whether the financial statement is free material misstatement.

An audit involves performing procedures to obtain audit evidences about the amounts and their disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessments of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the Society preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstance.

An audit also includes evaluating the appropriateness, as well as evaluating the overall financial presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient our audit opinion



J1/150, GF, DDA Flat, Kalkaji, New Delhi - 19 HO: Alleppey, Br. Trivandrun, Kollam & Cochin



#### **Opinion**

In our opinion and to the best of our information and according to the explanations gives to us, the financial statement gives the information in the manner so required and gives true fair view in conformity with the accounting principles generally accepted in India.

1. In the case of the balance sheet, of the state of affairs of the Society as at 31<sup>st</sup> march 2023 and,

2. In the case of the income & expenditure statements of the excess income of over expenditure of the Society for the period ended on the date and,

3. In the case of the receipts & payment statement, of the cash flow of the Society for the period ended on the date.

Report on other legal and regulatory requirements

a) We have obtained all the information and explanation which to the best of our Knowledge and belief were necessary for the purpose of our audit;

b) In our opinion proper books of accounts as required by law have been kept by the Society as far as appears from our examination of such books;

c) The balance sheet income & expenditure statement and receipt & payment Statements dealt with by this report are in agreement with the books of accounts;

For Rangamani & CO. Chartered Accountants

Nima Nirmala (Partner) M. NO. 226394 Date: - 28/09/2023 Place: Delhi UDIN-23226394BGXVDY6897

CONSOLIDATED BALANCE SHEE		2023	
FY 2022-2	3		
	Schedule	Amou FY 2022-23	nt (Rs) FY 2021-22
CORPUS/CAPTIAL FUND AND LIABILITIES	Junedule	11 2022-23	112021-22
CORPUS/CAPITAL FUND	1	₹ 80,35,69,037.64	₹ 1,64,35,06,526.0
RESERVES AND SURPLUS	1	₹ 0.00	₹ 0.0
1.Capital Reserve		₹ 0.00	₹0.0
As per last Account		₹0.00	₹0.0
Addition during the year		₹ 0.00	₹0.0
Less: Deductions during the year		₹ 0.00	₹0.0
2.Revaluation Reserve		₹ 0.00	₹0.0
As per last Account Addition during the year	-	₹ 0.00	₹0.0
Less: Deductions during the year	2	₹ 0.00 ₹ 0.00	₹0.0
3.Special Reserves:	1	₹ 0.00	₹0.0 <b>₹0.0</b>
As per last Account		₹ 0.00	₹0.0
Addition during the year		₹ 0.00	₹0.0
Less: Deductions during the year		₹ 0.00	₹0.0
4.General Reserve		₹0.00	₹0.0
As per last Account	-	₹ 0.00	₹0.0
Addition during the year Less: Deductions during the year	-	₹0.00	₹0.0
ARMARKED/ENDOWMENT FUNDS		₹ 0.00 <b>₹ 0.00</b>	₹0.0 <b>₹0.0</b>
a) Opening balance of the funds		₹ 0.00	₹0.0
b) additons to the funds	1 1	₹ 0.00	₹ 0.00
i.Donations/grants	1	₹ 0.00	₹ 0.00
ii.Income from investments made on account of funds		₹0.00	₹0.00
iii.Other additions (specify nature)	1	₹ 0.00	₹0.00
TOTAL (a+b)	- 1	₹0.00	₹0.00
c) utilisation/expenditure towards objectives of funds i.Capital Expenditure		₹0.00	₹0.00
-Fixed Assets	3	₹ 0.00	₹0.00
Others	1 1	₹ 0.00 ₹ 0.00	₹ 0.00
Total	1 1	₹0.00	₹ 0.00
li.Revenue Expenditure	1 1	₹0.00	₹0.00
-Salaries, wages and allowances etc	] [	₹ 0.00	₹ 0.00
-Rent		₹0.00	₹0.00
-Other administrative expenses	4 1	₹ 0.00	₹0.00
Total Net Balance as at the year -end (a+b+c)	4 4	₹ 0.00	₹ 0.00
CURED LOANS AND BORROWINGS		₹0.00 ₹0.00	₹0.00 ₹0.00
1.Central Government	1 1	₹ 0.00	₹ 0.00
2.State Government(specify)	j	₹ 0.00	₹ 0.00
3.Financial Institutions(a)term loan (b)interest accrued and due	4	₹ 0.00	₹ 0.00
4.Banks		₹0.00	₹ 0.00
5.Other institutions and agencies 6.Debentures and Bonds	{ }	₹0.00 ₹0.00	₹ 0.00 ₹ 0.00
7.Others (specify)	1	₹ 0.00	₹ 0.00 ₹ 0.00
SECURED LOANS AND BORROWINGS		₹0.00	₹0.00
1.Central Government		₹ 0.00	₹0.00
2.State Government(specify)	[	₹0.00	₹0.00
3.Financial Institutions 4.Banks (a) Term Loans (b) other loans(specify)	5	₹0.00	₹0.00
5. Other institutions and agencies	,	₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00
5.Debentures and Bonds		₹ 0.00	₹ 0.00
7. Fixed Deposits		₹ 0.00	₹ 0.00
3.Others (specify)		₹ 0.00	₹ 0.00
EERRED CREDIT LIABILITIES	6	₹0.00	₹ 0.00
		₹ 34,88,48,052.80	₹ 43,06,62,486.25
		₹ 32,72,68,353.24	₹ 40,90,83,075.09
PORTOLIAR 17 600 025	E	₹ 0.00	₹ 0.00

Chennai-600 025. India

1

₹ 0.00 ₹ 26,17,43,323.96 ₹ 0.00 ₹ 1,50,64,284.48 ₹ 5,04,60,744.80 <b>₹ 2,15,79,699.56</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 2,15,79,699.56</b> <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.655</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹ 0.00 ₹ 32,20,13,343.91 ₹ 0.00 ₹ 8,10,86,593.18 ₹ 59,83,138.00 <b>₹ 2,15,79,411.16</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 0,000</b> <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 0,000</b> <b>₹ 2,004,965.00</b> <b>₹ 20,04,965.00</b> <b>₹ 0,000</b> <b>₹ 0,00</b>	National Centre for Sustainable Goastal Management Ministry of Environment, Forest and Climate Change
₹0.00 ₹1,50,64,284.48 ₹5,04,60,744.80 <b>₹2,15,79,699.56</b> ₹0.00 ₹0.00 ₹0.00 ₹2,15,79,699.56 <b>₹1,15,24,17,090.44</b> <b>₹56,48,68,831.95</b> <b>₹0.00</b> <b>₹33,89,20,917.01</b> <b>₹16,84,31,207.92</b> <b>₹8,86,898.65</b> <b>₹9,70,048.93</b> <b>₹23,86,101.67</b> <b>₹3,60,57,014.46</b> <b>₹46,52,793.30</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b>	₹0.00 ₹8,10,86,593.18 ₹59,83,138.00 <b>₹2,15,79,411.16</b> ₹0.00 ₹0.00 ₹0.00 ₹2,15,79,411.16 <b>₹2,07,41,69,012.32</b> <b>₹1,40,73,80,032.84</b> ₹0.00 ₹62,35,63,119.40 ₹47,68,87,961.33 ₹28,86,557.00 ₹20,04,965.00 ₹26,49,31,758.00 ₹1,10,50,526.00 ₹0.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	tor Systainable Goastal Man
₹ 1,50,64,284.48 ₹ 5,04,60,744.80 <b>₹ 2,15,79,699.56</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 2,15,79,699.56</b> <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹8,10,86,593.18 ₹59,83,138.00 <b>₹2,15,79,411.16</b> ₹0.00 ₹0.00 ₹0.00 ₹2,000 <b>₹2,15,79,411.16</b> <b>₹2,07,41,69,012.32</b> <b>₹1,40,73,80,032.84</b> <b>₹0,00</b> <b>₹2,07,41,69,012.32</b> <b>₹1,40,73,80,032.84</b> <b>₹0,000</b> <b>₹26,49,31,758.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹20,04,965.00</b> <b>₹26,49,31,758.00</b> <b>₹1,0150,526.00</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>\$</b>	tor Systainable Goastal Man
₹ 1,50,64,284.48 ₹ 5,04,60,744.80 <b>₹ 2,15,79,699.56</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 2,15,79,699.56</b> <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹8,10,86,593.18 ₹59,83,138.00 <b>₹2,15,79,411.16</b> ₹0.00 ₹0.00 ₹0.00 ₹2,000 <b>₹2,15,79,411.16</b> <b>₹2,07,41,69,012.32</b> <b>₹1,40,73,80,032.84</b> <b>₹0,00</b> <b>₹2,07,41,69,012.32</b> <b>₹1,40,73,80,032.84</b> <b>₹0,000</b> <b>₹26,49,31,758.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹28,86,557.00</b> <b>₹20,04,965.00</b> <b>₹26,49,31,758.00</b> <b>₹1,0150,526.00</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>₹0,000</b> <b>\$</b>	tor Systainable Goastal Man
₹ 5,04,60,744.80 <b>₹ 2,15,79,699.56</b> ₹ 0.00 ₹ 0.00 <b>₹</b> 0.00 <b>₹</b> 0.00 <b>₹ 2,15,79,699.56</b> <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹ 59,83,138.00 <b>₹ 2,15,79,411.16</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 2,15,79,411.16</b> <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 0,00</b> <b>₹ 62,35,63,119.40</b> <b>₹ 47,68,87,961.33</b> <b>₹ 28,86,557.00</b> <b>₹ 20,04,965.00</b> <b>₹ 26,49,31,758.00</b> <b>₹ 1,10,50,526.00</b> <b>₹ 0,000</b> <b>₹ 1,91,55,477.11</b> <b>₹ 0.00</b> <b>₹ 0,000</b> <b>₹ 0,0</b>	tor Systainable Goastal Man
₹2,15,79,699.56 ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹2,15,79,699.56 ₹1,15,24,17,090.44 <b>₹56,48,68,831.95</b> ₹0.00 <b>₹33,89,20,917.01</b> <b>₹16,84,31,207.92</b> <b>₹8,86,898.65</b> <b>₹9,70,048.93</b> <b>₹23,86,101.67</b> <b>₹3,60,57,014.46</b> <b>₹46,52,793.30</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b> <b>₹0.00</b>	₹2,15,79,411.16 ₹0.00 ₹0.00 ₹0.00 ₹2,00 ₹2,15,79,411.16 ₹2,07,41,69,012.32 <b>₹1,40,73,80,032.84</b> ₹0.00 ₹62,35,63,119.40 ₹47,68,87,961.33 ₹28,86,557.00 ₹20,04,965.00 ₹26,49,31,758.00 ₹1,0150,526.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	tor Systainable Goastal Man
₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 <b>₹ 2,15,79,699.56</b> <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 2,15,79,411.16 <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 1,40,73,80,032.84</b> <b>₹ 0.00</b> <b>₹ 62,35,63,119.40</b> <b>₹ 47,68,87,961.33</b> <b>₹ 28,86,557.00</b> <b>₹ 20,04,965.00</b> <b>₹ 26,49,31,758.00</b> <b>₹ 1,10,50,526.00</b> <b>₹ 1,10,50,526.00</b> <b>₹ 0.00</b> <b>₹ 1,91,55,477.11</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	tor Systainable Goastal Man
₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 2,15,79,699.56 <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 2,15,79,411.16 <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> ₹ 0.00 <b>₹ 62,35,63,119.40</b> <b>₹ 47,68,87,961.33</b> <b>₹ 28,86,557.00</b> <b>₹ 20,04,965.00</b> <b>₹ 26,49,31,758.00</b> <b>₹ 1,10,50,526.00</b> <b>₹ 1,10,50,526.00</b> <b>₹ 1,000</b> <b>₹ 0,000</b> <b>₹ 0,000</b>	for Systainable onment, Forest
₹ 0.00 ₹ 0.00 ₹ 2,15,79,699.56 <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 2,15,79,411.16 <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> ₹ 0.00 <b>₹ 62,35,63,119.40</b> <b>₹ 47,68,87,961.33</b> <b>₹ 28,86,557.00</b> <b>₹ 20,04,965.00</b> <b>₹ 26,49,31,758.00</b> <b>₹ 26,49,31,758.00</b> <b>₹ 1,10,50,526.00</b> <b>₹ 0.00</b> <b>₹ 1,91,55,477.11</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	for Systainable onment, Forest
₹ 0.00 ₹ 0.00 ₹ 2,15,79,699.56 <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹ 0.00 ₹ 0.00 ₹ 2,15,79,411.16 <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> ₹ 0.00 ₹ 62,35,63,119.40 ₹ 47,68,87,961.33 ₹ 28,86,557.00 ₹ 20,04,965.00 ₹ 20,04,965.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	for Systainable onment, Forest
₹ 0.00 ₹ 2,15,79,699.56 <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹ 0.00 ₹ 2,15,79,411.16 <b>₹ 2,07,41,69,012.32</b> <b>₹ 1,40,73,80,032.84</b> ₹ 0.00 <b>₹ 62,35,63,119.40</b> <b>₹ 47,68,87,961.33</b> <b>₹ 28,86,557.00</b> <b>₹ 20,04,965.00</b> <b>₹ 20,04,965.00</b> <b>₹ 26,49,31,758.00</b> <b>₹ 1,10,50,526.00</b> <b>₹ 1,000</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	for Systainable onment, Forest
₹ 2,15,79,699.56 <b>₹ 1,15,24,17,090.44</b> <b>₹ 56,48,68,831.95</b> <b>₹ 0.00</b> <b>₹ 33,89,20,917.01</b> <b>₹ 16,84,31,207.92</b> <b>₹ 8,86,898.65</b> <b>₹ 9,70,048.93</b> <b>₹ 23,86,101.67</b> <b>₹ 3,60,57,014.46</b> <b>₹ 46,52,793.30</b> <b>₹ 0.00</b> <b>₹ 0.00</b>	₹2,15,79,411.16 ₹2,07,41,69,012.32 ₹1,40,73,80,032.84 ₹0.00 ₹62,35,63,119.40 ₹47,68,87,961.33 ₹28,86,557.00 ₹20,04,965.00 ₹26,49,31,758.00 ₹1,10,50,526.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	for St
₹ 1,15,24,17,090.44 ₹ 56,48,68,831.95 ₹ 0.00 ₹ 33,89,20,917.01 ₹ 16,84,31,207.92 ₹ 8,86,898.65 ₹ 9,70,048.93 ₹ 23,86,101.67 ₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹2,07,41,69,012.32 ₹1,40,73,80,032.84 ₹0.00 ₹62,35,63,119.40 ₹47,68,87,961.33 ₹28,86,557.00 ₹20,04,965.00 ₹26,49,31,758.00 ₹1,10,50,526.00 ₹0.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	for St
₹ 56,48,68,831.95 ₹ 0.00 ₹ 33,89,20,917.01 ₹ 16,84,31,207.92 ₹ 8,86,898.65 ₹ 9,70,048.93 ₹ 23,86,101.67 ₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹1,40,73,80,032.84 ₹0.00 ₹62,35,63,119.40 ₹47,68,87,961.33 ₹28,86,557.00 ₹20,04,965.00 ₹68,99,669.00 ₹26,49,31,758.00 ₹1,10,50,526.00 ₹0.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	for St
₹ 0.00 ₹ 33,89,20,917.01 ₹ 16,84,31,207.92 ₹ 8,86,898.65 ₹ 9,70,048.93 ₹ 23,86,101.67 ₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 62,35,63,119.40 ₹ 47,68,87,961.33 ₹ 28,86,557.00 ₹ 20,04,965.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	for St
₹ 0.00 ₹ 33,89,20,917.01 ₹ 16,84,31,207.92 ₹ 8,86,898.65 ₹ 9,70,048.93 ₹ 23,86,101.67 ₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 62,35,63,119.40 ₹ 47,68,87,961.33 ₹ 28,86,557.00 ₹ 20,04,965.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	National Centre for Ministry of Environ
₹ 0.00 ₹ 33,89,20,917.01 ₹ 16,84,31,207.92 ₹ 8,86,898.65 ₹ 9,70,048.93 ₹ 23,86,101.67 ₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 62,35,63,119.40 ₹ 47,68,87,961.33 ₹ 28,86,557.00 ₹ 20,04,965.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	National Centre Ministry of Envi
₹ 33,89,20,917.01 ₹ 16,84,31,207.92 ₹ 8,86,898.65 ₹ 9,70,048.93 ₹ 23,86,101.67 ₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 1,25,63,850.01 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 62,35,63,119.40 ₹ 47,68,87,961.33 ₹ 28,86,557.00 ₹ 20,04,965.00 ₹ 68,99,669.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	National Cen Ministry of E
₹16,84,31,207.92 ₹8,86,898.65 ₹9,70,048.93 ₹23,86,101.67 ₹3,60,57,014.46 ₹46,52,793.30 ₹0.00 ₹1,25,63,850.01 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	₹47,68,87,961.33 ₹28,86,557.00 ₹20,04,965.00 ₹68,99,669.00 ₹26,49,31,758.00 ₹1,10,50,526.00 ₹0.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	National C Ministry o
₹8,86,898.65 ₹9,70,048.93 ₹23,86,101.67 ₹3,60,57,014.46 ₹46,52,793.30 ₹0.00 ₹1,25,63,850.01 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	₹ 28,86,557.00 ₹ 20,04,965.00 ₹ 68,99,669.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	Nation
₹9,70,048.93 ₹23,86,101.67 ₹3,60,57,014.46 ₹46,52,793.30 ₹0.00 ₹1,25,63,850.01 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00	₹ 20,04,965.00 ₹ 68,99,669.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	Nati Min
₹ 23,86,101.67 ₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 1,25,63,850.01 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 68,99,669.00 ₹ 26,49,31,758.00 ₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	. 24
₹ 3,60,57,014.46 ₹ 46,52,793.30 ₹ 0.00 ₹ 0.00 ₹ 1,25,63,850.01 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹26,49,31,758.00 ₹1,10,50,526.00 ₹0.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	
₹46,52,793.30 ₹0.00 ₹0.00 ₹1,25,63,850.01 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00	₹ 1,10,50,526.00 ₹ 0.00 ₹ 1,91,55,477.11 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	
₹ 0.00 ₹ 0.00 ₹ 1,25,63,850.01 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00 ₹ 1,91,55,477.11 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	
₹ 0.00 ₹ 1,25,63,850.01 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹0.00 ₹1,91,55,477.11 <b>₹0.00</b> ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00	
₹ 1,25,63,850.01 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 1,91,55,477.11 <b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	
<b>₹ 0.00</b> ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	
₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	
₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00	
₹ 0.00 ₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00 ₹ 0.00	
₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00	
₹0.00	₹0.00	
₹ 0.00	₹ 0.00	
₹0.00	₹ 0.00	
₹ 0.00	₹ 0.00	
₹ 0.00	₹0.00	1
₹0.00	₹0.00	
₹ 0.00	₹0.00	
₹ 0.00		
₹ 58,75,48,258.49	₹ 66,67,88,979.48	
₹ 14,50,25,408.52	₹ 23,07,35,502.60	Jun
₹0.00		
₹ 98,78,910.31	₹ 1,34,53,604.94	
₹ 0.00	₹4,033.00	- [00]
₹ 13,51,46,498.21	₹ 21,72,77,864.66	A I
₹ 13,51,46,498.21		V
₹ 44,25,22,849.97	₹ 43,60,53,476.88	10
		Manager
₹ 2,97,20,204.74		Mai
₹ 0.00	₹ 0.00	Manager - Wing Trut
= 0.00	30.00	
₹0.00		
₹ 2,97,20,204.74	K 2,10,27,030.74	
	T 03 44 400 00	
	1	1
		4
		1
		4
		4 C
₹ 40,82,12,988.28	₹ 40,67,12,258.14	
	DAZALAD	MAR
	₹ 2,07,41,69,012.32	nation-
₹1,15,24,17,090.44		
	₹45,89,656.95 ₹0.00 ₹45,89,656.95 ₹0.00 ₹0.00 ₹40,82,12,988.28 ₹1,15,24,17,090.44 Fr F	₹2,97,20,204.74 ₹2,10,27,030.74 ₹45,89,656.95 ₹83,14,188.00 ₹0.00 ₹0.00 ₹45,89,656.95 ₹83,14,188.00 ₹0.00 ₹0.00 ₹0.00 ₹0.00 ₹40,82,12,988.28 ₹40,67,12,258.14 ₹1,15,24,17,090.44 ₹2,07,41,69,012.32 Fr RANGAMAN

	2-23	ENDED AS ON March 31	,
		Am	ount (Rs)
	Schedule	FY 2022-23	FY 2021-22
NCOME			
NCOME FROM SALES/SERVICES		₹ 2,09,43,960.00	₹7,37,31,096.00
1.Income from Sales	12	₹ 0.00	₹0.00
2.Income from Services		₹ 2,09,43,960.00	₹7,37,31,096.00
RANTS/SUBSIDIES	-	₹ 21,87,64,087.75	₹ 16,02,70,763.70
1.Central Government 2.State Government		₹0.00	₹ 0.00
3.Government Agencies	13	₹ 0.00 ₹ 21,87,64,087.75	₹ 0.00 ₹ 16,02,70,763.70
4.Institutions/welfare agencies	15	₹0.00	₹ 0.00
5.International organisations		₹0.00	₹0.00
6.Others(specify)		₹0.00	₹0.00
EES/SUBSCRIPTIONS		₹ 0.00	₹0.00
1.Entrace Fees		₹0.00	₹0.00
2.Annual fees/ subscriptions	14	₹ 0.00	₹0.00
3.Seminar/program fees		₹0.00	₹0.00
4.consultancy fees 5.Others (specify)		₹0.00	₹0.00
sideners (specify)		₹0.00	₹0.00
COME FROM INVESTMENTS		₹0.00	₹ 0.00
1.Interest	15	₹0.00	₹0.00
2.Dividends		₹ 0.00	₹0.00
3.Rents		₹0.00	₹0.00
4.Others (specify)		₹0.00	₹0.00
ICOME FROM ROYALTY, PUBLICATION ETC		₹0.00	₹0.00
1.Income from royalty 2.Income from publications	16	₹ 0.00 ₹ 0.00	₹0.00
3.Others (specify)		₹0.00	₹ 0.00
ITEREST EARNED		₹ 33,87,150.00	₹47,34,868.00
1 On term Deposit		₹0.00	₹0.00
2.On savings accounts	17	₹ 33,87,150.00	₹47,34,868.00
3.On loans		₹0.00	₹0.00
4.Interst onDebtors and other receivables		₹0.00	₹ 0.00
THER INCOME		₹ 2,02,833.56	₹ 1,12,677.80
1 Profit on sale/disposal of assets		₹0.00	₹ 0.00
2.Export incentives realised	18	₹0.00	₹0.00
3.Fees for Miscellaneous services 4.Miscellaneous Income		₹0.00	₹0.00
		₹ 2,02,833.56	₹1,12,677.80
CREASE/(DECREASE) IN STOCK OF FINISHED GOODS AND WORK-IN- ROGRESS	19	₹0.00	₹ 0.00
DTAL(A)		₹ 24,32,98,031.31	₹ 23,88,49,405.5
		(24,52,50,051.51	123,00,43,403.30
XPENDITURE			
TABILLISHMENT EXPENSES	20	₹ 14,05,19,595.99	₹ 11,14,61,138.00
(a)Salaries and Wages	Patter	₹ 11,28,97,490.99	₹ 10,67,76,968.00
(b)Allowances and Bonus	201110-1	₹0.00	₹0.00
(c)Contribution to Provident Fund		₹ 2,70,47,968.00	₹ 13,59,782.00
(d)Contribution to Other Fund (specify)	1	₹0.00	₹0.00
(e)Staff Welfare Expenses		₹5,74,137.00	₹ 33,24,388.00
(f)Expenses on Employees Retirement and Terminal Benefits (g)Others (Specify)		₹0.00	₹0.00
THER ADMINISTRATIVE EXPENSES, ETC	21	₹ 0.00 ₹ 9,86,03,623.76	₹ 0.00
a)Purchases	21	₹ 9,86,03,623.76	₹ <b>7,52,45,392.45</b> ₹84,74,114.00
b)Labour and processing expenses		₹ 32,12,982.57	₹ 84,74,114.00
c)cartage and carriage inwards		₹0.00	₹0.00
	An u	₹ 85,63,591.56	₹ 89,67,155.00
d)Electricity and power		₹1,46,025.00	₹ 98,000.00
elwater charges			
d)Electricity and power e)water charges f)Insurance g)Repairs & maintenance	100	₹ 46,871.67	₹ 8,88,109.00

National Centre for Sustainable Coastal Management Ministry of Environment, Forost and Climate Change Government of India, Anna University Campus Chennai-600 025, India

> National Centre for Scharz Net Management Ministry of Environment, Forest and Olimats Change Government of India, Anna University Campus Chennai-BOD 025 India

CA Nima

h)Excise duty		₹0.00	₹ 0.00
i)Rent, Rates & Taxes		₹0.00	₹ 0.00
j)Vehicles Running and		₹0.00	₹0.00
maintenance		10.00	10.00
k)Postage, Telephone and		₹ 18,128.90	₹ 35,574.00
communication charges		10,120.50	155,57 1100
I)printing and stationery		₹1,21,284.44	₹7,15,470.00
m)Travelling and conveyance		₹1,23,21,714.10	₹ 68,81,542.50
charges		(1,23,21,714.10	100,01,0 12:00
n)Expenses on		₹ 84,94,056.00	₹4,82,808.48
seminar/workshops			
0)Subscription Expenses		₹0.00	₹0.00
p)Expenses on Fees		₹ 28,03,451.00	₹ 28,04,587.88
q)Auditors Remuneration		₹0.00	₹0.00
r)Hospitality Expenses		₹ 2,74,032.08	₹ 5,48,429.00
s)Professional Charges		₹0.00	₹0.00
t)Provision for Bad and Doubtful		₹0.00	₹ 0.00
Debts/ Advances		10.00	10.00
u)Irrecoverable Balances Written-		₹0.00	₹0.00
off		10.00	10.00
v)Packing Charges		₹ 0.00	₹0.00
w)Freight and Forwarding		₹0.00	₹0.00
Expenses		(0.00	
x)Distribution Expenses		₹ 0.00	₹0.00
y)Advertisement and publicity		₹ 37,908.75	₹ 70,263.50
z)Others(Specify)		₹4,92,66,793.56	₹ 2,12,03,826.97
EXPENDITURE ON GRANTS, SUBSIDIES, ETC	22	₹0.00	₹ 0.00
a) Grants given to instutions/organisations		₹0.00	₹ 0.00
b) subsidies given to insituions/organisations		₹0.00	₹0.00
INTEREST	23	₹ 0.00	₹0.00
a) On fixed loans		₹ 0.00	₹ 0.00
b) On other loans (incl.bank charges)		₹0.00	₹0.00
c) Others(specify)		₹0.00	₹0.00
DEPRECIATION (NET TOTAL AT THE YEAR END-CORRESPONDING TO		₹0.00	₹0.00
SCHEDULE 8)		10.00	10.00
TOTAL(B)		₹ 23,91,23,219.75	₹ 18,67,06,530.4
Balance being excess of Income Over Expenditure (A-B)			
Transfer to Special Reserve (Specify each)		1.5	Nuel N
Transfer to/from General Reserve		-	-
BALANCE BEING SURPLUS(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		₹ 41,74,811.56	₹ 5,21,42,875.0



Fr RANGAMANI & CO Chartered Acco... Mime John CA Nima Nirmala M. Com. Fun M. No.-226394 Partner

Manager -Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Director National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

105

CA Nima Nimala M

	NATIONAL CENTER FOR SUSTAINABLE COASTAL MANAGEME	NT	
	SCHEDULES FORMING PART OF CONSOLIDATED BALANCE SHEET AS AT	31/03/2	023
	SCHEDULE 1- CORPUS/CAPITAL FUND	1	12 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
BALANCE	AT THE BEGINNING OF THE YEAR	₹	1,63,83,48,319.77
ADD:	CONNTRIBUTION TOWARDS CORPUS/CAPITAL FUND	₹	41,87,028.51
	NCSCM-ICZMP-ACITIVITES	₹	41,87,028.51
	NCSCM-ESA-ACTIVITIES	₹	
	NCSCSM-EDC ACTIVITIES	₹	0
	NCSCM-USERS FEE	₹	-
	NCSCM-OGIA	₹	
ADD:	BALANCE OF NET INCOME/EXPENSES TRANSFERRED FROM THE INCOME & EXP		
	A/C	₹	-83,89,66,310.64
	NCSCM-ICZMP-ACITIVITES	₹	-79,32,03,080.64
	NCSCM-ESA-ACTIVITIES	₹	-3,54,38,509.23
	NCSCSM-EDC ACTIVITIES	₹	-45,65,197.09
	NCSCM-USERS FEE	₹	6,35,836.71
	NCSCM-OGIA	₹	-63,95,360.39
	BALANCE AS AT THE YEAR END	₹	80,35,69,037.64





Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest-and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Director

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. Chartered Accountants

	NATIONAL CENTER FOR SUSTAINABLE COASTAL MANAGEM	IENT	
	SCHEDULES FORMING PART OF CONSOLIDATED BALANCE SHEET AS A	AT 31/03/2023	
1.1	SCHEDULE 2- RESERVE&SURPLUS-4-GENERAL RESEREVE		
BALANCE	AT THE BEGINNING OF THE YEAR	₹	-
ADD:	CONNTRIBUTION TOWARDS CORPUS/CAPITAL FUND	₹	
	NCSCM-ICZMP-ACITIVITES	₹	
	NCSCM-ESA-ACTIVITIES	₹	-
	NCSCSM-EDC ACTIVITIES	₹	-
	NCSCM-USERS FEE	₹	-
	NCSCM-OGIA	₹	-
ADD:	BALANCE OF NET INCOME/EXPENSES TRANSFERRED FROM THE INCOME & EXP A/C	₹	
	NCSCM-ICZMP-ACITIVITES	₹	
	NCSCM-ESA-ACTIVITIES	₹	-
	NCSCSM-EDC ACTIVITIES	₹	-
	NCSCM-USERS FEE	₹	14
	NCSCM-OGIA	₹	
	BALANCE AS AT THE YEAR END	₹	



Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

anti Charleren Accountant

Director National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. **Chartered Accountants** ma

	NATIONAL CENTER FOR SUSTAINAL			
	SCHEDULES FORMING PART OF CONSOLIDAT			
	SCHEDULE 7 CURRENT LIAB			
SCHEDULE	ACCOUNTS	AMOUNT		
7-A-3	CURRENT LIABILITIES-ADVANCE RECEIVED			
	NCSCM-ICZMP-ACITIVITES	-₹2,87,68,437.1		
	NCSCM-ESA-ACTIVITIES	₹1,99,458.0		
	NCSCSM-EDC ACTIVITIES	₹24,93,54,299.0		
	NCSCM-USERS FEE	₹0.0		
	NCSCM-OGIA	₹4,09,58,004.0		
	SUB TOTAL	₹26,17,43,323.9		
7-A-5-B	CURRENT LIABILI	TIES-STATUTORY LIABILITIES		
	NCSCM-ICZMP-ACITIVITES	₹15,83,035.0		
	NCSCM-ESA-ACTIVITIES	₹0.0		
	NCSCSM-EDC ACTIVITIES	₹83,17,864.1		
	NCSCM-USERS FEE	₹0.0		
	NCSCM-OGIA	₹51,63,385.2		
	SUB TOTAL	₹1,50,64,284.4		
7-A-6	OTHER CURRENT LIABILITIES			
	NCSCM-ICZMP-ACITIVITES	₹4,82,91,044.8		
	NCSCM-ESA-ACTIVITIES	₹0.0		
	NCSCSM-EDC ACTIVITIES	₹16,23,473.0		
	NCSCM-USERS FEE	₹0.0		
	NCSCM-OGIA	₹5,46,227.0		
	SUB TOTAL	₹5,04,60,744.8		
7-B-3	PROVISION-SUP	PERANNUATION/PENSION		
	NCSCM-ICZMP-ACITIVITES	₹0.00		
	NCSCM-ESA-ACTIVITIES	₹0.0		
	NCSCSM-EDC ACTIVITIES	₹0.00		
	NCSCM-USERS FEE	₹0.0		
	NCSCM-OGIA	₹0.0		
	SUB TOTAL	₹0.00		
7-B-6	PROV	/ISION-OTHERS		
	NCSCM-ICZMP-ACITIVITES	₹14,717.00		
	NCSCM-ESA-ACTIVITIES	₹0.00		
	NCSCSM-EDC ACTIVITIES	₹2,14,71,609.00		
	NCSCM-USERS FEE	₹93,373.56		
	NCSCM-OGIA	₹0.00		



Fr RANGAMANI & CO. Chartered Accountants

CA Nima Nirmala M.Com.FCA M. No.-226394 Partner

Manager - Einance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

pre

Director National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

SC	HEDULES FORMING PART OF CONSOLIDATED BALANCE SHEET	AS AT 31/03/2023
	SCHEDULE 8: FIXED ASSETS	
SCHEDULE	ACCOUNTS	AMOUNT
8-A-7	COMPUTER/PERIPHERALS	
	NCSCM-ICZMP-ACITIVITES	₹3,15,06,635.4
	NCSCM-ESA-ACTIVITIES	₹21,91,972.4
	NCSCSM-EDC ACTIVITIES	₹12,77,294.9
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹10,81,111.5
	SUB TOTAL	₹3,60,57,014.4
8-A-2	BUILDING	
	NCSCM-ICZMP-ACITIVITES	₹33,89,20,917.0
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹0.0
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹0.0
	SUB TOTAL	₹33,89,20,917.0
8-A-3	PLANT & MACHINERY& EQUIPMENT	
	NCSCM-ICZMP-ACITIVITES	₹16,73,57,799.0
	NCSCM-ESA-ACTIVITIES	₹1,35,370.0
	NCSCSM-EDC ACTIVITIES	₹32,321.7
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹9,05,717.0
	ranned	
	SUB TOTAL	₹16,84,31,207.9
8-A-4	VEHICLES	10,04,31,207.5
0-A-4	NCSCM-ICZMP-ACITIVITES	₹1,41,330.2
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹7,45,568.4
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹0.0
	SUB TOTAL	₹8,86,898.6
8-A-5	FURNITURE&FIXTURE	10,00,898.0
C-H-D	NCSCM-ICZMP-ACITIVITES	₹9,70,048.9
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹0.0
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹0.0
	SUB TOTAL	
0		₹9,70,048.93
8-A-6	OFFICE EQUIPMENTS NCSCM-ICZMP-ACITIVITES	200 00 404 0
	NCSCM-ICZMP-ACTIVITES	₹23,86,101.6
		₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
INABLE	NCSCM-USERS FEE NCSCM-OGIA	₹0.00
MABLE		₹0.00
121	SUB TOTAL	₹23,86,101.67
ENNAI 0 025 * LNJIMB	Manager - Finance / accounts National Centre for the backer Coastal Management Ministry of Environment Forest and Climate Change Government of India, Anna University Campus 109	Direct Direct National Centre for Sustaina Ministry of Environment, Fo

ered Accountants

CA 3UL

CA Nima Nirmala M.Com.FCA M. No.-226394 Partner

Mational Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

8-A-8	ELECTRICAL INSTALLATION		
	NCSCM-ICZMP-ACITIVITES	₹30,46,895.76	
	NCSCM-ESA-ACTIVITIES	₹12,22,261.87	
	NCSCSM-EDC ACTIVITIES	₹0.00	
	NCSCM-USERS FEE	₹0.00	
	NCSCM-OGIA	₹3,83,635.67	
	SUB TOTAL	₹46,52,793.30	
8-A-11	OTHER FIXED ASSETS		
	NCSCM-ICZMP-ACITIVITES	₹1,18,78,389.41	
	NCSCM-ESA-ACTIVITIES	₹6,65,195.33	
	NCSCSM-EDC ACTIVITIES	₹0.00	
	NCSCM-USERS FEE	₹0.00	
	NCSCM-OGIA	₹20,265.27	
	SUB TOTAL	₹1,25,63,850.01	



And the state of the state of the state

Fr RANGAMANI & CO. Chartered Accountants

t CA Nima Nirmala M.Com.FCA M. No.-226394

Partner

Manager - Finance / Accounts Costieled Accondigute National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

purrape

Director National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

11-A-2 11-A-3	SCHEDULE-11-CURRENT ASSETS LOAND AND ADVA SUNDRY DEBTOR NCSCM-ICZMP-ACITIVITES NCSCM-EDC ACTIVITIES NCSCM-USERS FEE NCSCM-USERS FEE NCSCM-OGIA	₹ 0.00 ₹ 0.00 ₹ 98,53,910.31 ₹ 25,000.00
	NCSCM-ICZMP-ACITIVITES NCSCM-ESA-ACTIVITIES NCSCSM-EDC ACTIVITIES NCSCM-USERS FEE NCSCM-OGIA	₹ 0.00 ₹ 98,53,910.31 ₹ 25,000.00
11-6-3	NCSCM-ESA-ACTIVITIES NCSCSM-EDC ACTIVITIES NCSCM-USERS FEE NCSCM-OGIA	₹ 0.00 ₹ 98,53,910.31 ₹ 25,000.00
11-4-3	NCSCSM-EDC ACTIVITIES NCSCM-USERS FEE NCSCM-OGIA	₹ 98,53,910.31 ₹ 25,000.00
11-Δ-3	NCSCM-USERS FEE NCSCM-OGIA	₹ 25,000.00
11-0-3	NCSCM-OGIA	
11-4-3		
11-4-3		₹ 0.00
11-4-3	SUB TOTAL	₹ 98,78,910.31
11 A-3	CASH BALANCES IN HAND	
	NCSCM-ICZMP-ACITIVITES NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCM-ESA-ACTIVITIES	₹0.0
		₹0.0
	NCSCM-USERS FEE NCSCM-OGIA	₹0.0
-		₹0.0
	SUB TOTAL	₹0.0
11-A-4A	DEPOSIT WITH SCHEDULE BANKS	
	NCSCM-ICZMP-ACITIVITES	₹1,32,99,302.2
	NCSCM-ESA-ACTIVITIES	₹76,920.0
	NCSCSM-EDC ACTIVITIES	₹7,44,46,776.7
	NCSCM-USERS FEE	₹18,15,120.2
	NCSCM-OGIA	₹4,55,08,378.9
1.2.2.4	SUB TOTAL	₹13,51,46,498.2
11-B-1-C	TRAVEL ADVANCE TO STAFF	
	NCSCM-ICZMP-ACITIVITES	₹4,66,104.10
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹2,85,74,094.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹6,80,006.58
_	SUB TOTAL	₹2,97,20,204.74
11-B-2B	ADV TO INSTITUTE	
	NCSCM-ICZMP-ACITIVITES	₹32,21,758.00
	NCSCM-ESA-ACTIVITIES	₹1,22,537.95
	NCSCSM-EDC ACTIVITIES	₹11,57,500.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹87,861.00
	SUB TOTAL	₹45,89,656.95
11-B-4	CLAIMS RECEIVABLE	
	NCSCM-ICZMP-ACITIVITES	₹85,69,475.48
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹39,36,00,007.58
	NCSCM-USERS FEE	₹1,32,460.00
	NCSCM-OGIA	₹59,11,045.22
NABLE	NOODIN CON	

CA Nima Nirmala M.Com.FCA M. No.-226394 Partner

SCHED	NATIONAL CENTER FOR SUSTAINABLE C ULES FORMING PART OFCONSOLIDATED B	
Jeneo	SCHEDULE-12-INCOME FROM S	
12-2-В	B INCOME FROM PROFESSIONAL SERVICES	
	NCSCM-ICZMP-ACITIVITES	₹0.00
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹2,03,26,272.00
	NCSCM-USERS FEE	₹6,17,688.00
	NCSCM-OGIA	₹0.00
	SUB TOTAL	₹2,09,43,960.00



Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Director National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. Chartered Accountants

Home CA Nima Nirmala M.Com.FCA M. No.-226394 Partner



_	NATIONAL CENTER FOR SUSTAINABLE	
	SCHEDULES FORMING PART OF CONSOLIDATED IN	NCOME STATEMENT AS AT 31/03/2023
	SCHEDULE- 13- GRANTS	S/SUBSIDIES
13-3 GRANTS FROM GOV		ERNMENT AGENCIES
	NCSCM-ICZMP-ACITIVITES	₹7,73,42,680.96
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹14,14,21,406.79
		₹0.00
	SUB TOTAL	₹21,87,64,087.75

Partner



Fr RANGAMANI & CO. Chartered Accountants Ame for CA Nima Nirmala M.Com.FCA M. No.-226394

Manager - Einance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennal-600.025, India

Direc

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

	NATIONAL CENTER FOR SUSTAINABLE COAS	TAL MANAGEMENT
SCH	EDULES FORMING PART OF CONSOLIDATED INCOME	STATEMENT AS AT 31/03/2023
	SCHEDULE- 14- FEES/SUBSCRIF	PTION
14	NCSCM-ICZMP-ACITIVITES	₹0.0
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹0.00
		₹0.00
	SUB TOTAL	₹0.00



Fr RANGAMANI & CO. Chartered Accountants Xume Anger CA Nima Nirmala M.Com.FCA M. No.-226394 Partner



Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennal-600 025, India

11000 Direc tor

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

	NATIONAL CENTER FOR SUSTAINABLE COA SCHEDULES FORMING PART OF CONSOLIDATED INCOM SCHEDULE- 17- INTEREST EA	IE STATEMENT AS AT 31/03/2023
17-2-A	NCSCM-ICZMP-ACITIVITES	₹12,013.00
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹28,41,748.00
	NCSCM-USERS FEE	₹45,787.00
	NCSCM-OGIA	₹4,87,602.00
	SUB TOTAL	₹33,87,150.00



Fr RANGAMANI & CO. Chartered Accountants



Manager-Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennal-600 025, India

bung Director

National Centre for Sustainable Coast Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

	NATIONAL CENTER FOR SUSTAINABLE COAS SCHEDULES FORMING PART OF CONSOLIDATED INCOME	
	SCHEDULE- 18- OTHER INCO	ME
18-4	NCSCM-ICZMP-ACITIVITES	₹1,38,833.00
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹29,000.40
	NCSCM-USERS FEE	₹0.16
	NCSCM-OGIA	₹35,000.00
	SUB TOTAL	₹2,02,833.56



Fr RANGAMANI & CO. Chartered Accountants

Charlered locounicat

Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

KUDY Director

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

	NATIONAL CENTER FOR SUSTAINABLE COAST	AL MANAGEMENT
	SCHEDULES FORMING PART OF CONSOLIDATED INCOME	STATEMENT AS AT 31/03/2023
	SCHEDULE- 20	
20-A	SALARIES & WAG	ES
	NCSCM-ICZMP-ACITIVITES	₹2,02,71,511.63
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹1,01,83,642.70
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹8,24,42,336.66
	SUB TOTAL	₹11,28,97,490.99
20-C	CONTRIBUTION TO PROVID	DENT FUND
	NCSCM-ICZMP-ACITIVITES	₹2,70,47,968.00
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹0.00
	SUB TOTAL	₹2,70,47,968.00
20-E	STAFF WELFARE EXPE	NSES
	NCSCM-ICZMP-ACITIVITES	₹5,74,137.00
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹0.00
	SUB TOTAL	₹5,74,137.00



Manager - Finance / Accounts National Centre for Sustainable Coastal Management. Ministry of Environment, Forest and Clineder Changa Government of India, Anna University Campus Chennai-600 025, India Crpurraji Director

Director O National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. Chartered Accountants

	SCHEDULES FORMING PART OFCONSOLIDATED INCOME STATEMENT AS	
_	SCHEDULE- 21	
21-A	PURCHASES	₹0.0
	NCSCM-ICZMP-ACITIVITES	₹0.0
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹32,12,982.5
	SUB TOTAL	₹32,12,982.5
21-D	ELECTRICITY & POWER	
	NCSCM-ICZMP-ACITIVITES	₹85,63,591.5
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹0.0
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹0.0
-	SUB TOTAL	₹85,63,591.5
21-E	WATER CHARGES	
AL L	NCSCM-ICZMP-ACITIVITES	₹1,46,025.0
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹0.0
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹0.0
	SUB TOTAL	₹1,46,025.0
	SUB TOTAL INSURANCE	11,70,023.0
21-F		₹46,871.6
	NCSCM-ICZMP-ACITIVITES	₹40,071.0
	NCSCM-ESA-ACTIVITIES	
	NCSCSM-EDC ACTIVITIES	₹0.0
	NCSCM-USERS FEE	₹0,0
	NCSCM-OGIA	₹0.0
	SUB TOTAL	₹46,871.6
21-G	REAPAIRS&MAINTENANCE	
	NCSCM-ICZMP-ACITIVITES	₹1,32,78,630.1
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹0.0
	NCSCM-USERS FEE	₹18,154.0
	NCSCM-OGIA	₹0.0
	SUB TOTAL	₹1,32,96,784.1
21-K	POSTAGE, TELEPHONE&COMMUNICATE CHARGE	S
21-N	NCSCM-ICZMP-ACITIVITES	₹18,128.9
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCM-EDC ACTIVITIES	₹0.0
	NCSCM-EDC ACTIVITIES	₹0.0
		₹0.0
	NCSCM-OGIA	₹18,128.9
	SUB TOTAL	118,128.9
21-L	PRINTING&STATIONERY	54 01 001 4
	NCSCM-ICZMP-ACITIVITES	₹1,21,284.4
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹0.0
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹0.0
	SUB TOTAL	₹1,21,284.4
21-M	TRAVELLING& CONVEYANCE EXPENSES	
	NCSCM-ICZMP-ACITIVITES	₹27,47,775.6
	NCSCM-ESA-ACTIVITIES	₹0.0
	NCSCSM-EDC ACTIVITIES	₹24,59,292.5
	NCSCM-USERS FEE	₹0.0
	NCSCM-OGIA	₹71,14,646.0
	SUB TOTAL	₹1,23,21,714.1
	JUD IUTAL	(1)=0)=1)/ 1.4.1
L-N	EXPENSES ON SEMINAR/WORKSHOP	

CA Nima Nirmala M.Com.FCA M. No.-226394 Partner Fr RANGAMANI & CU Chartered Accountants Q Minut

CHENNAI 600 025

Manager Eperger Accounts National Centre Ar Sestainable Coastal Management Ministry of Environment, Forest and Climate Ohange Government of India, Anna University Campus Chennal-600 025, 118

Director

Director National Contre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chenoai-600 025, India

	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹80,92,291.00
	SUB TOTAL	₹84,94,056.00
21-P	EXPENSES & FEES	104,54,030.00
	NCSCM-ICZMP-ACITIVITES	₹28,03,451.00
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹0.00
	SUB TOTAL	₹28,03,451.00
21-R	HOSPITALITY EXPENSE	
	NCSCM-ICZMP-ACITIVITES	₹2,74,032.08
1	NCSCM-ESA-ACTIVITIES	₹0.00
-	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹0.00
	SUB TOTAL	₹2,74,032.08
21-Y	ADVERTISEMENT & PUBLI	
	NCSCM-ICZMP-ACITIVITES	₹37.908.75
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹0.00
	NCSCM-USERS FEE	₹0.00
	NCSCM-OGIA	₹0.00
	SUB TOTAL	₹37,908.75
21-Z	OTHERS	(37,508.75
	NCSCM-ICZMP-ACITIVITES	₹4,07,744.20
	NCSCM-ESA-ACTIVITIES	₹0.00
	NCSCSM-EDC ACTIVITIES	₹92,89,049.37
	NCSCM-USERS FEE	₹9,484.45
	NCSCM-OGIA	₹3,95,60,515,54
	SUB TOTAL	₹4,92,66,793.56

CHENNAI 600 025

Fr RANGAMANI & CO. Chartered Accountants

CA Nima Nirmala M.Com.FCA M. No.-226394 Partner

Manager Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennal-600 025, India

ourra Director

National Centre for Sustainable Constal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

#### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

### NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

Project : ICZMP -BALANCE SHEET AS ON March 31,2023

			Amount (Rs)		
	Schedule	FY 2022-23	FY 2021-22		
CORPUS/CAPTIAL FUND AND LIABILITIES					
CORPUS/CAPITAL FUND	1	₹ 55,64,57,369.20	₹ 1,34,96,60,449.8		
RESERVES AND SURPLUS	1	₹0.00	₹0.0		
1.Capital Reserve		₹ 0.00	₹0.0		
As per last Account		₹0.00	₹0.0		
Addition during the year		₹0.00	₹0,0		
Less: Deductions during the year		₹0.00	₹0.0		
2.Revaluation Reserve		₹ 0.00	₹0.0		
As per last Account		₹0.00	₹0.0		
Addition during the year		₹ 0.00	₹0.0		
Less: Deductions during the year	2	₹0.00	₹0.0		
3.Special Reserves:		₹ 0.00	₹0.0		
As per last Account		₹ 0.00	₹0.0		
Addition during the year	1 1	₹ 0.00	₹0.0		
Less: Deductions during the year	1 1	₹ 0.00	₹0.0		
4.General Reserve	1 1	₹ 0.00	₹0.0		
As per last Account	ז ר	₹0.00	₹0.0		
Addition during the year	1 [	₹0.00	₹0.0		
Less: Deductions during the year		₹0.00	₹0.0		
ARMARKED/ENDOWMENT FUNDS		₹ 0.00	₹0.0		
a) Opening balance of the funds	1 1	₹0.00	₹0.0		
b) additons to the funds	1 ł	₹0.00	₹0.0		
i.Donations/grants	1 1	₹ 0.00	₹0.0		
ii.Income from investments made on account of funds	1 1	₹ 0.00	₹0.0		
iii.Other additions (specify nature)	4 1	₹0.00	₹0.0		
TOTAL (a+b)		₹ 0.00	₹ 0.0		
c) utilisation/expenditure towards objectives of funds	4 1	₹ 0.00	₹ 0.0		
i.Capital Expenditure		1.818.8			
-Fixed Assets	3 -	₹0.00	₹0.00		
-Others	4 -	₹ 0.00	₹0.00		
Total	4 -	₹ 0.00	₹0.00		
ii.Revenue Expenditure	4 1	₹ 0.00	₹ 0.00		
	4 1	₹ 0.00	₹ 0.00		
-Salaries, wages and allowances etc	4 - 1-	₹ 0.00	₹0.00		
-Rent	4 4	₹0.00	₹ 0.00		
-Other administrative expenses	4 1	₹0.00	₹0.00		
Total	4 4	₹ 0.00	₹ 0.00		
Net Balance as at the year -end (a+b+c)		₹ 0.00	₹ 0.00		
CURED LOANS AND BORROWINGS		₹ 0.00	₹ 0.00		
1.Central Government	4 4	₹ 0.00	₹ 0.00		
2.State Government(specify)	4 1	₹0.00	₹0.00		
3.Financial Institutions(a)term loan (b)interest accrued and due 4.Banks	4	₹ 0.00	₹0.00		
5.Other institutions and agencies	4 -	₹0.00	₹0.00		
6.Debentures and Bonds	4 -	₹0.00	₹ 0.00		
7.Others (specify)	4 -	₹ 0.00 ₹ 0.00	₹ 0.00		
NSECURED LOANS AND BORROWINGS		₹ 0.00	₹0.00 ₹ <b>0.0</b> 0		
1.Central Government	1 F	₹ 0.00			
2.State Government(specify)	1 -	₹ 0.00	₹ 0.00 ₹ 0.00		
3.Financial Institutions	1 -	₹ 0.00	₹ 0.00		
4.Banks (a) Term Loans (b) other loans(specify)	5	₹ 0.00	₹ 0.00		
5.Other institutions and agencies	1	₹ 0.00	₹ 0.00		
6.Debentures and Bonds	1 F	₹0.00	₹ 0.00		
7. Fixed Deposits	1 F	₹0.00	₹0.00		
8.Others (specify)		₹ 0.00	₹0.00		
FERRED CREDIT LIABILITIES	6	₹ 0.00	₹ 0.00		
IRRENT LIABILITIES AND PROVISIONS	A ALL CONSTAL MANA	₹ 2,11,20,359.68	₹ 3,14,80,688.95		
A.CURRENT LIABILITIES	61 -	₹ 2,11,05,642.68	₹ 3,13,79,581.95		
1.Acceptances	121 -	₹ 0.00	₹0.00		
2.Sundry Creditors (a) for goods (b) others CHEN 3.Advances received 600 0	NAI EI	₹ 0.00	₹0.00		
3.Advances received 500 0	25	-₹2,87,68,437.12	₹ 2,27,55,537.95		
4.Interest accrued but not due on(a) secured loan/borrowings, (b)		,.,.,,	Charles		
			ALL STREAMS INC		
secured loans/borrowings	15	₹ 0.00			

1

Valional Centre for Sustainable Censtal Wangement Ministry of Environment, Forest and Climule Change Government of India, Anna University Campus Chennai-600 075, India

Er RANGAMANI & CO. Chartered Accountants Ima

5.Statutory Liabilities 6.Other current Liabilities	7	₹ 15,83,035.00 ₹ 4,82,91,044.80	₹ 42,38,002.00 ₹ 43,86,042.00
B.PROVISIONS		₹ 14,717.00	₹ 1,01,107.00
1.For Taxation		₹ 0.00	₹0.00
2.Gratuity		₹0.00	₹0.00
3.superannuation /pension		₹ 0.00	₹0.00
4.Accumulated Leave Encashment		₹0.00	₹0.00
5.Trade Warranties/ claim		₹ 0.00	₹0.00
6.others (specify		₹ 14,717.00	₹ 1,01,107.00
TOTAL		₹ 57,75,77,728.88	₹ 1,38,11,41,138.79
ASSETS			
FIXED ASSETS		₹ 55,61,03,850.20	₹ 1,34,94,57,776.84
1. LAND		₹ 0.00	₹0.00
2.BUILDINGS		₹ 33,89,20,917.01	₹ 62,35,63,119.40
3.PLANT MACHINERY& EQUIPMENT		₹ 16,73,57,799.04	₹ 47,63,73,151.33
4.VEHICLES		₹ 1,41,330.25	₹ 9,09,706.00
5.FURNITURE, FIXTURES	8	₹ 9,34,845.31	₹ 19,21,565.00
6.OFFICE EQUIPMENT	0	₹ 23,86,101.67	₹ 68,99,669.00
7.COMPUTER/PERIPHERALS		₹ 3,14,37,571.75	₹21,56,80,611.00
8.ELECTRIC INSTALLATIONS		₹ 30,46,895.76	₹ 66,16,667.00
9.LIBRARY BOOKS		₹ 0.00	₹ 0.00
10.TUBEWELLS & W.SUPPLY		₹ 0.00	₹ 0.00
11.OHTER FIXED ASSETS		₹ 1,18,78,389.41	₹ 1,74,93,288.11
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS		₹ 0.00	₹ 0.00
1. In Government securities		₹ 0.00	₹ 0.00
2.Other approved securies		₹ 0.00	₹ 0.00
3.shares	9	₹ 0.00	₹ 0.00
4.Debentures and Bonds		₹ 0.00	₹ 0.00
5.Subsidiaries and joint ventures		₹ 0.00	₹0.00
6.Others (to be specified)		₹ 0.00	₹ 0.00
INVESTMENTS-OTHERS		₹ 0.00	₹ 0.00 ₹ 0.00
1. In Government securities		₹ 0.00	₹0.00
2.Other approved securies		₹ 0.00	₹ 0.00
3.shares	10	₹ 0.00 ₹ 0.00	₹ 0.00
4.Debentures and Bonds		₹ 0.00	₹ 0.00
5.Subsidiaries and joint ventures		₹ 0.00	₹ 0.00
6.Others (to be specified)		₹ 2,14,73,878.68	₹ 3,16,83,361.9
CURRENT ASSETS, LOANS, ADVANCES ETC			
A.CURRENT ASSETS		₹ 1,20,48,593.04	
1.Inventories		₹ 0.00 ₹ 0.00	
2.sundry Debtors		₹ 0.00	
3.Cash Balance in Hand			
4.Bank Balances		₹1,20,48,593.04 ₹0.00	
5.Post Office-savings accounts		₹ 94,25,285.64	
B.LOANS , ADVANCES AND OTHER ASSETS			
1.Loans		₹4,66,104.16	
a-staff		₹ 0.00	10.0
b-other entities engaged in actvities/objectives similar to that of the	11	₹ 0.00	₹0.0
entity		₹ 4,66,104.16	
c-Others-Adv to staff-travel 2.Advances and other amounts recoverable in cash or in kind or for		₹ 4,66,104.16	1 5,70,235.1
2.Advances and other amounts recoverable in cash or in kind or for value to be received		₹ 3,89,706.00	
a-on Capital Account		₹ 0.00	
b-Prepayments		₹ 3,89,706.00	
c-Others		₹ 0.00	
3.Income Accrued		₹0.00	
4.claims receivables		₹ 85,69,475.48	₹ 2,35,39,989.3
MISCELLANEOUS EXPENDITURE		1	
(to the extent not written off or adjusted)			
TOTAL		₹ 57.75.77.728.88	₹ 1,38,11,41,138.7

CHENNAI 600 025

\* 11

Conutanta

ENTRA

Manager Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment; Forest and Climate Change Government of India, Anna University Campus Chennai-608 025, India121

· Parlian

PE

epurray Director

Nev

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Compus Chennai-600 025, India

## FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS) NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT PROJECT: ICZMP-INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED AS ON March 31,2023 FY 2022-23

	and the second second second		ount (Rs)
INCOME	Schedule	FY 2022-23	FY 2021-22
INCOME			
INCOME FROM SALES/SERVICES	1000	₹ 0.00	₹ 0.00
1.Income from Sales	12	₹ 0.00	₹ 0.00
2.Income from Services		₹ 0.00	₹0.00
GRANTS/SUBSIDIES		₹7,73,42,680.96	₹ 13,02,40,157.78
1.Central Government		₹ 0.00	₹ 0.00
2.State Government		₹ 0.00	₹ 0.00
3.Government Agencies	13	₹7,73,42,680.96	₹ 13,02,40,157.78
4.Institutions/welfare agencies		₹ 0.00	₹ 0.00
5.International organisations 6.Others(specify)		₹ 0.00	₹ 0.00
FEES/SUBSCRIPTIONS		₹0.00	₹ 0.00
1.Entrace Fees		₹0.00	₹ 0.00
2.Annual fees/ subscriptions		₹0.00	₹ 0.00
3.Seminar/program fees	14	₹0.00	₹ 0.00
4.consultancy fees		₹0.00	₹ 0.00
5.Others (specify)		₹0.00	₹0.00
S.Others (specify)		₹0.00	₹0.00
INCOME FROM INVESTMENTS INCOME ON INVEST FROM EARMARKED/ENDOW, FUNDS TRANSFERRED TO FUNDS)		₹ 0.00	₹0.00
1.Interest	15	₹ 0.00	₹0.00
2.Dividends		₹0.00	₹0.00
3.Rents		₹ 0.00	₹ 0.00
4.Others (specify)		₹0.00	₹0.00
NCOME FROM ROYALTY, PUBLICATION ETC		₹ 0.00	₹0.00
1.Income from royalty		₹0.00	₹0.00
2.Income from publications	16	₹0.00	₹0.00
3.Others (specify)		₹0.00	₹0.00
NTEREST EARNED		₹ 12,013.00	₹ 8,556.00
1 On term Deposit		₹0.00	₹0.00
2.On savings accounts	17	₹0.00	₹ 0.00
3.On loans		₹0.00	₹0.00
4.Interst onDebtors and other receivables		₹12,013.00	₹ 8,556.00
DTHER INCOME		₹1,38,833.00	₹ 50,265.00
1 Profit on sale/disposal of assets		₹0.00	₹0.00
2.Export incentives realised	18	₹0.00	₹0.00
3.Fees for Miscellaneous services		₹0.00	₹0.00
4.Miscellaneous Income		₹ 1,38,833.00	₹ 50,265.00
NCREASE/(DECREASE) IN STOCK OF FINISHED GOODS AND WORK-IN-			
ROGRESS	19	₹0.00	₹0.00
OTAL(A)		₹7,74,93,526.96	₹ 13,02,98,978.7
XPENDITURE			- 8
STABILLISHMENT EXPENSES	20	₹4,78,93,616.63	₹ 8,38,38,685.00
(a)Salaries and Wages		₹2,02,71,511.63	₹7,91,54,515.00
(b)Allowances and Bonus		₹0.00	₹0.00
(c)Contribution to Provident Fund		₹ 2,70,47,968.00	₹13,59,782.00
(d)Contribution to Other Fund (specify)		₹0.00	₹0.00
(e)Staff Welfare Expenses	-	₹5,74,137.00	₹ 33,24,388.00
(f)Expenses on Employees Retirement and Terminal Benefits	-	₹ 0.00	₹ 0.00
(g)Others (Specify)	1	₹ 0.00	₹0.00
THER ADMINISTRATIVE EXPENSES, ETC	21	₹ 2,88,47,208.33	₹ 4,70,50,293.78
a)Purchases		₹0.00	₹70,63,167.00
b)Labour and processing expenses		₹0.00	₹0.00
c)cartage and carriage inwards		₹0.00	₹ 0.00
d)Electricity and power		₹ 85,63,591.56	₹ 89,67,155.00
e)water charges		₹ 1,46,025.00	₹ 98,000.00
f)Insurance		₹ 46,871.67	₹ 8,88,109.00
f)Insurance g)Repairs & maintenance h)Excise duty		₹ 1,32,78,630.13	₹ 2,40,75,512.12
h)Excise duty		₹ 0.00	₹0.00
I)Rent, Rates & Taxes		₹ 0.00	₹0.00
j)Vehicles Running and		₹0.00	₹0.00

Ministry of Environment, Forcet av Climate Change Government of India, Anna University Campus Chennel-CO0 025, India

Mattonal Centre for Service / Accounts National Centre for Service2/+ Counter Management Ministry of Environment, Fujust and Othrate Glange Government of India, Anna University Campus Chennal-BOD 095 Levis

Chartered Accountants

k)Postage, Telephone and		₹ 18,128.90	₹ 35,574.00
communication charges			7 7 45 470 00
I)printing and stationery		₹ 1,21,284.44	₹7,15,470.00
m)Travelling and conveyance		₹ 27,47,775.60	₹ 13,11,776.00
charges			
n)Expenses on		₹ 4,01,765.00	₹ 3,79,375.48
seminar/workshops			
0)Subscription Expenses		₹ 0.00	₹0.00
p)Expenses on Fees		₹ 28,03,451.00	₹ 28,04,587.88
q)Auditors Remuneration		₹ 0.00	₹0.00
r)Hospitality Expenses		₹2,74,032.08	₹ 5,48,429.00
s)Professional Charges		₹0.00	₹ 0.00
t)Provision for Bad and Doubtful Debts/ Advances		₹ 0.00	₹0.00
u)Irrecoverable Balances Written-		₹ 0.00	₹0.00
v)Packing Charges		₹0.00	₹0.00
w)Freight and Forwarding		₹0.00	₹0.00
Expenses		10.00	10.00
x)Distribution Expenses		₹0.00	₹ 0.00
y)Advertisement and publicity		₹ 37,908.75	₹ 70,263.50
z)Others(Specify)		₹ 4,07,744.20	₹ 92,874.80
EXPENDITURE ON GRANTS, SUBSIDIES, ETC	22	₹0.00	₹ 0.00
a) Grants given to instutions/organisations		₹ 0.00	₹ 0.00
b) subsidies given to insituions/organisations		₹0.00	₹0.00
INTEREST	23	₹0.00	₹0.00
a) On fixed loans		₹0.00	₹0.00
b) On other loans (incl.bank charges)		₹ 0.00	₹0.00
c) Others(specify)		₹0.00	₹0.00
DEPRECIATION (NET TOTAL AT THE YEAR END-CORRESPONDING TO		₹ 0.00	₹0.00
SCHEDULE 8)		R 0.00	10.00
TOTAL(B)		₹ 7,67,40,824.96	₹ 13,08,88,978.78
Balance being excess of Income Over Expenditure (A-B)			
Transfer to Special Reserve (Specify each)			11
Transfer to/from General Reserve			
BALANCE BEING SURPLUS(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		₹7,52,702.00	-₹ 5,90,000.00



Manager - Finance / Accounts National Centre for Sustainable Coastal Monagoment Ministry of Endromment, Forcel and Climete Change Government of India, Acct University Campus Cliennal-600 025, India

Capumaji Director

Director National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. Chartered Accountants Charlor COUNT CA Nima Nirmala M.Com.F M. No.-226394 CA Partner

#### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

Project: ESA-BALANCE SHEET AS AT March 31, 2023

ina Univers

Ministry of Environment, F. Government of India, A

Chennel-600 025, India

Ministry of Environment, Furest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

	0 +	Amount (Rs)		
	Schedule	FY 2022-23	FY 2021-22	
CORPUS/CAPTIAL FUND AND LIABILITIES				
CORPUS/CAPITAL FUND	1	₹ 42,14,799.77	₹ 3,96,53,309.0	
ESERVES AND SURPLUS	1	₹0.00	₹ 0.0	
1.Capital Reserve		₹ 0.00	₹0.0	
As per last Account		₹ 0.00	₹ 0.(	
Addition during the year		₹ 0.00	₹0.0	
Less: Deductions during the year		₹ 0.00	₹0.0	
2.Revaluation Reserve		₹ 0.00	₹0.0	
As per last Account		₹ 0.00	₹0.0	
Addition during the year		₹0.00	₹0.0	
Less: Deductions during the year	2	₹0.00	₹0.0	
3.Special Reserves:		₹ 0.00	₹0.0	
As per last Account		₹0.00	₹0.0	
Addition during the year	1 1	₹ 0.00	₹0.0	
Less: Deductions during the year		₹ 0.00	₹0.0	
4.General Reserve	1 1	₹ 0.00	₹0.0	
As per last Account	4 1	₹ 0.00	₹ 0.0	
Addition during the year	4 1	₹ 0.00	₹0.0	
Less: Deductions during the year		₹ 0.00	₹0.0	
ARMARKED/ENDOWMENT FUNDS	1 1	₹ 0.00	₹0.0	
a) Opening balance of the funds	1 [	₹0.00	₹0.0	
b) additons to the funds	1 1	₹ 0.00	₹ 0.0	
i.Donations/grants	4 4	₹ 0.00	₹0.0	
ii.Income from investments made on account of funds	4 4	₹ 0.00	₹0.0	
iii.Other additions (specify nature)	4 4	₹ 0.00	₹0.0	
TOTAL (a+b)	4 4	₹ 0.00	₹0.0	
c) utilisation/expenditure towards objectives of funds		₹0.00	₹0.0	
i.Capital Expenditure	3	₹0.00	₹0.0	
-Fixed Assets		₹ 0.00	₹0.0	
-Others	4 4	₹ 0.00	₹0.0	
Total		₹ 0.00	₹0.0	
ii <u>.Revenue Expenditure</u>		₹ 0.00	₹0.0	
-Salaries, wages and allowances etc	4 4	₹ 0.00	₹0.0	
-Rent	4 4	₹ 0.00	₹0.0	
-Other administrative expenses	4 1	₹0.00	₹ 0.00	
Total	4 1	₹ 0.00	₹ 0.00	
Net Balance as at the year -end (a+b+c)		₹ 0.00	₹ 0.00	
ECURED LOANS AND BORROWINGS 1.Central Government		₹ 0.00	₹0.00	
2.State Government(specify)	4 -	₹ 0.00	₹ 0.00	
3.Financial Institutions(a)term loan (b)interest accrued and due	4 F	₹ 0.00 ₹ 0.00	₹0.00	
4.Banks	4	₹ 0.00	₹ 0.00 ₹ 0.00	
5.0ther institutions and agencies	1 -	₹ 0.00	₹ 0.00	
6.Debentures and Bonds	1 -	₹ 0.00	₹ 0.00	
7.Others (specify)		₹ 0.00	₹0.00	
NSECURED LOANS AND BORROWINGS		₹ 0.00	₹ 0.00	
1.Central Government		₹ 0.00	₹ 0.00	
2.State Government(specify)		₹ 0.00	₹0.00	
3.Financial Institutions		₹ 0.00	₹0.00	
4.Banks (a) Term Loans (b) other loans(specify)	5	₹ 0.00	₹0.00	
5.Other institutions and agencies		₹0.00	₹0.00	
6.Debentures and Bonds		₹0.00	₹0.00	
7. Fixed Deposits 8.Others (specify)	-	₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00	
EFERRED CREDIT LIABILITIES	6	₹ 0.00	₹ 0.00	
JRRENT LIABILITIES AND PROVISIONS	6 ABLE CONSTALLY			
A.CURRENT LIABILITIES	LOLE -	₹ 1,99,458.00	₹ 25,86,833.00	
1 Accentances	1901 -	₹ 1,99,458.00	₹ 25,86,833.00	
1.Acceptances           2.Sundry Creditors (a) for goods (b) others	121 -	₹0.00	₹0.00	
3.Advances received	NAI S	₹ 0.00	₹0.00	
3.Advances received     600 0     4.Interest accrued but not due on(a) secured loan/borrowings, (b)	25 MA	₹ 1,99,458.00	₹ 25,86,833.00	
in the set decided but hot due on(a) secured loan/ borrowings, (b)	1251			

<u>r</u>v

)

1

5.Statutory Liabilities	7	₹ 0.00	₹0.00
6.Other current Liabilities		₹ 0.00	₹0.00
B.PROVISIONS		₹ 0.00	₹0.00
1.For Taxation		₹0.00	₹0.00
2.Gratuity		₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00
3.superannuation /pension			
4.Accumulated Leave Encashment		₹ 0.00	₹0.00
5.Trade Warranties/ claim		₹ 0.00	₹0.00
6.others (specify		₹ 0.00	₹ 0.00
TOTAL		₹ 44,14,257.77	₹ 4,22,40,142.00
ASSETS			Sec.
FIXED ASSETS		₹ 42,14,799.77	₹ 3,96,53,309.0
1. LAND		₹ 0.00	₹ 0.00
2.BUILDINGS			₹0.00
3.PLANT MACHINERY& EQUIPMENT		₹ 1,35,370.08	₹ 4,29,110.0
4.VEHICLES		₹0.00	₹0.0
5.FURNITURE, FIXTURES		₹ 0.00	₹0.0
6.OFFICE EQUIPMENT	8	₹0.00	₹0.0
7.COMPUTER/PERIPHERALS		₹ 21,91,972.49	₹ 3,39,95,863.0
8.ELECTRIC INSTALLATIONS		₹ 12,22,261.87	₹ 36,39,345.0
9.LIBRARY BOOKS		₹ 0.00	₹0.0
10.TUBEWELLS & W.SUPPLY		₹0.00	₹ 0.0
11.OHTER FIXED ASSETS		₹ 6,65,195.33	₹ 15,88,991.0
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS		₹ 0.00	₹0.0
1. In Government securities		₹0.00	₹ 0.0
2.Other approved securies		₹0.00	₹0.0
3.shares	9	₹0.00	₹0.0
4.Debentures and Bonds		₹0.00	₹0.0
5.Subsidiaries and joint ventures		₹0.00	₹0.0
6.Others (to be specified)		₹0.00	₹ 0.0
INVESTMENTS-OTHERS		₹ 0.00	₹ 0.0
1. In Government securities		₹0.00	₹0.0
2.Other approved securies		₹0.00	₹0.0
3.shares	10	₹0.00	₹0.0
4.Debentures and Bonds		₹0.00	₹0.0
5.Subsidiaries and joint ventures		₹0.00	₹0.0
6.Others (to be specified)		₹ 0.00	₹0.0
CURRENT ASSETS, LOANS, ADVANCES ETC		₹ 1,99,458.00	₹ 25,86,833.0
A.CURRENT ASSETS		₹ 76,920.05	₹ 76,920.0
1.Inventories		₹0.00	₹0.0
2.sundry Debtors		₹ 0.00	₹0.0
3.Cash Balance in Hand		₹ 0.00	₹0.0
4.Bank Balances		₹76,920.05	₹76,920.0
5.Post Office-savings accounts		₹ 0.00	₹ 0.0
		₹ 1,22,537.95	₹ 25,09,912.9
B.LOANS , ADVANCES AND OTHER ASSETS			₹ 0.0
1.Loans		₹ 0.00	
a-staff		₹0.00	₹0.0
b-other entities engaged in actvities/objectives similar to that of the	11		
entity		₹0.00	₹0.0
c-Others-Adv to staff-travel		₹ 0.00	₹0.0
2.Advances and other amounts recoverable in cash or in kind or for			
value to be received		₹ 1,22,537.95	₹ 25,09,912.9
a-on Capital Account		₹ 0.00	₹0.0
b-Prepayments		₹ 1,22,537.95	₹ 25,09,912.9
c-Others		₹ 0.00	₹0.0
3.Income Accrued		₹0.00	₹0.0
4.claims receivables		₹ 0.00	₹0.0
MISCELLANEOUS EXPENDITURE			
(to the extent not written off or adjusted)		and the second s	A
RAMAL		₹ 44,14,257.77	₹4,22,40,142.0

Er PANCANANI & CO. Che A secountants countants

SUSTA

ant CENTRE. CHENNAI 600 025 OIIVN TH. \*

19-50

Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climita Changa Government of India, Anna University Campus Cheunal-600 025, Ind 125

word Directo

National Centre for Sustainable Coastel Management Ministry of Environment, Ferent and Chimate Change Covornment of India, Anna University Campus Chennel-608 025, India

# FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS) NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

FY 2022	-23	and a start	and the second second
			unt (Rs)
INCOME	Schedule	FY 2022-23	FY 2021-22
INCOME FROM SALES/SERVICES			
1.Income from Sales	12	₹0.00 ₹0.00	₹0.00
2.Income from Services	12	₹0.00	₹ 0.00 ₹ 0.00
GRANTS/SUBSIDIES		₹0.00	
1.Central Government		₹0.00	₹ 22,618.40 ₹ 0.00
2.State Government	6	₹0.00	₹ 0.00
3.Government Agencies	13	₹0.00	₹ 22,618.40
4.Institutions/welfare agencies		₹0.00	₹ 0.00
5.International organisations		₹0.00	₹0.00
6.Others(specify)		₹0.00	₹0.00
EES/SUBSCRIPTIONS		₹0.00	₹0.00
1.Entrace Fees		₹0.00	₹0.00
2.Annual fees/ subscriptions		₹0.00	₹0.00
3.Seminar/program fees	14	₹0.00	₹0.00
4.consultancy fees		₹0.00	₹ 0.00
5.Others (specify)		₹0.00	₹0.00
NCOME FROM INVESTMENTS NCOME ON INVEST FROM EARMARKED/ENDOW, FUNDS TRANSFERRED TO FUNDS		₹0.00	₹ 0.00
1.Interest	15	₹0.00	₹0.00
2.Dividends		₹0.00	₹0.00
3.Rents		₹0.00	₹0.00
4.Others (specify)		₹0.00	₹0.00
NCOME FROM ROYALTY, PUBLICATION ETC		₹ 0.00	₹0.00
1.Income from royalty	16	₹0.00	₹0.00
2.Income from publications	10	₹0.00	₹0.00
3.Others (specify)		₹0.00	₹0.00
NTEREST EARNED		₹ 0.00	₹0.00
1 On term Deposit		₹0.00	₹0.00
2.On savings accounts	17	₹0.00	₹0.00
3.On loans		₹ 0.00	₹0.00
4.Interst onDebtors and other receivables		₹0.00	₹0.00
OTHER INCOME		₹0.00	₹0.00
1 Profit on sale/disposal of assets		₹0.00	₹0.00
2.Export incentives realised	18	₹0.00	₹0.00
3.Fees for Miscellaneous services		₹ 0.00	₹0.00
4.Miscellaneous Income		₹ 0.00	₹0.00
NCREASE/(DECREASE) IN STOCK OF FINISHED GOODS AND WORK-IN- ROGRESS	19	₹0.00	₹0.00
OTAL(A)		₹ 0.00	₹ 22,618.4
XPENDITURE		-	
STABILLISHMENT EXPENSES	20	₹ 0.00	₹ 0.00
(a)Salaries and Wages		₹0.00	₹0.00
(b)Allowances and Bonus		₹0.00	₹0.00
(c)Contribution to Provident Fund		₹0.00	₹0.00
(d)Contribution to Other Fund (specify)	1	₹0.00	₹0.00
(e)Staff Welfare Expenses		₹0.00	₹0.00
(f)Expenses on Employees Retirement and Terminal Benefits (g)Others (Specify)		₹0.00	₹0.00
THER ADMINISTRATIVE EXPENSES, ETC	31	₹0.00	₹0.00
a)Purchases	21	₹0.00	₹22,618.40
b)Labour and processing expenses		₹0.00	₹0.00
		₹0.00	₹0.00
d)Electricity and power		₹0.00	₹0.00
e)water charges		₹0.00	₹0.00
e)water charges f)Insurance		₹0.00	₹0.00
g)Repairs & maintenance		₹0.00	₹0.00
h)Excise duty		₹0.00 ₹0.00	₹0.00
i)Rent, Rates & Taxes		₹0.00	₹0.00
j)Vehicles Running and maintenance		10.00	10.00
Il venicies kunning and			

Ministry of Environment, Forest and Olimer Change Gevenment of India, Anna University Campus Chennai-600 025, India

National Centre for Susteinable Cosstal Management. Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Phenoni PAN AAF 12 44

Chartered Accountants 01900

BALANCE BEING SURPLUS(DEFICIT) CARRIED TO CORPUS/CAPITAL		₹ 0.00	₹0.0
Transfer to/from General Reserve			
Transfer to Special Reserve (Specify each)			
Balance being excess of Income Over Expenditure (A-B)			
TOTAL(B)		₹ 0.00	₹ 22,618.4
SCHEDULE 8)			
DEPRECIATION (NET TOTAL AT THE YEAR END-CORRESPONDING TO		₹0.00	₹0.00
c) Others(specify)		₹ 0.00	₹ 0.00
b) On other loans (incl.bank charges)		₹0.00	₹ 0.00
a) On fixed loans		₹0.00	₹ 0.00
NTEREST	23	₹0.00	₹0.00
b) subsidies given to insituions/organisations		₹0.00	₹ 0.00
a) Grants given to instutions/organisations		₹0.00	₹ 0.00
EXPENDITURE ON GRANTS, SUBSIDIES, ETC	22	₹0.00	₹ 0.00
z)Others(Specify)	San	₹0.00	₹ 35.40
y)Advertisement and publicity		₹ 0.00	₹0.00
x)Distribution Expenses		₹ 0.00	₹ 0.00
w)Freight and Forwarding Expenses		₹ 0.00	₹0.00
v)Packing Charges		₹ 0.00	₹0.00
u)Irrecoverable Balances Written- off		₹0.00	₹0.00
t)Provision for Bad and Doubtful Debts/ Advances		₹0.00	₹0.00
s)Professional Charges		₹ 0.00	₹0.00
r)Hospitality Expenses		₹ 0.00	₹0.00
q)Auditors Remuneration		₹ 0.00	₹ 0.00
p)Expenses on Fees		₹0.00	₹ 0.00
0)Subscription Expenses		₹ 0.00	₹0.00
n)Expenses on seminar/workshops		₹0.00	₹0.00
m)Travelling and conveyance charges		₹ 0.00	₹ 22,583.00
I)printing and stationery		₹ 0.00	₹ 0.00
k)Postage, Telephone and communication charges		₹ 0.00	₹ 0.00

CHENNAI 600 025

Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Changa Government of India, Acrea University Campus Chennai-600 025, India

WIN Director

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. Chartered Accountants Charlen me 0000 CA Nima Nirmala M.Com.FCA M. No.-226394 w Partner

#### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

Project: Other Grant In Aid -BALANCE SHEET AS ONT March 31, 2023

		Amount (Rs)	
	Schedule	FY 2022-23	FY 2021-22
CORPUS/CAPTIAL FUND AND LIABILITIES			
CORPUS/CAPITAL FUND	1	₹ 79,10,405.00	₹ 1,43,05,765.39
RESERVES AND SURPLUS		₹0.00	₹0.00
1.Capital Reserve	1 1	₹ 0.00	₹ 0.00
As per last Account	1 1	₹0.00	₹0.00
Addition during the year	1 1	₹0.00	₹0.00
Less: Deductions during the year	1 1	₹0.00	₹0.00
2.Revaluation Reserve	1 1	₹0.00	₹ 0.00
As per last Account	1 1	₹0.00	₹ 0.00
Addition during the year	1 1	₹0.00	₹0.00
Less: Deductions during the year	2	₹0.00	₹0.0
3.Special Reserves:		₹0.00	₹ 0.00
As per last Account	1 1	₹0.00	₹0.00
Addition during the year	1 1	₹0.00	₹0.00
Less: Deductions during the year		₹0.00	₹ 0.00
4.General Reserve		₹ 0.00	₹ 0.00
As per last Account	1 1	₹ 0.00	₹0.00
Addition during the year	1 [	₹0.00	₹0.00
Less: Deductions during the year		₹ 0.00	₹ 0.00
ARMARKED/ENDOWMENT FUNDS		₹0.00	₹ 0.00
a) Opening balance of the funds	1 h	₹ 0.00	₹ 0.00
b) additons to the funds	1 1	₹0.00	₹0.00
i.Donations/grants		₹0.00	₹0.00
ii.Income from investments made on account of funds		₹0.00	₹ 0.00
iii.Other additions (specify nature)		₹0.00	₹0.00
TOTAL (a+b)		₹0.00	₹ 0.00
c) utilisation/expenditure towards objectives of funds		₹0.00	₹0.00
i.Capital Expenditure		₹0.00	₹0.00
-Fixed Assets	3 -	₹0.00	₹0.00
-Others	1 1	₹0.00	₹0.00
Total	1 1	₹0.00	₹0.00
ii.Revenue Expenditure	1 [	₹ 0.00	₹0.00
-Salaries, wages and allowances etc	1 1	₹0.00	₹0.00
-Rent	1 F	₹0.00	₹0.00
-Other administrative expenses	] F	₹0.00	₹ 0.00
Total	1	₹ 0.00	₹ 0.00
Net Balance as at the year -end (a+b+c)	1 [	₹ 0.00	₹0.00
ECURED LOANS AND BORROWINGS		₹ 0.00	₹ 0.00
1.Central Government	1 1	₹0.00	₹ 0.00
2.State Government(specify)	] [	₹0.00	₹0.00
3. Financial Institutions(a)term loan (b)interest accrued and due	4	₹ 0.00	₹ 0.00
4.Banks	1 - 1	₹0.00	₹ 0.00
5.Other institutions and agencies	4 –	₹0.00	₹ 0.00
6.Debentures and Bonds 7.Others (specify)	4 -	₹ 0.00	₹0.00
INSECURED LOANS AND BORROWINGS		₹ 0.00 <b>₹ 0.00</b>	₹ 0.00 <b>₹ 0.00</b>
1.Central Government	4 H	₹0.00	₹0.00
2.State Government(specify)	1 -	₹0.00	₹ 0.00
3.Financial Institutions	1 -	₹0.00	₹ 0.00
4.Banks (a) Term Loans (b) other loans(specify)	5	₹0.00	₹0.00
5.0ther institutions and agencies	1	₹ 0.00	₹0.00
6.Debentures and Bonds	1 1	₹ 0.00	₹ 0.00
7. Fixed Deposits	1 –	₹0.00	₹ 0.00
8.Others (specify)		₹0.00	₹ 0.00
EFERRED CREDIT LIABILITIES	AI S	₹ 0.00	₹ 0.00
URRENT LIABILITIES AND PROVISIONS	BIE	₹ 4,66,67,616.29	₹ 9,74,65,398.17
A.CURRENT LIABILITIES	6	₹ 4,66,67,616.29	₹ 9,74,65,398.17
1.Acceptances	131	₹0.00	₹ 0.00
1.Acceptances     2.Sundry Creditors (a) for goods (b) others     CHENN	AI EI	₹0.00	₹ 0.00
	5 📃	₹ 4,09,58,004.00	₹ 8,93,95,742.88
4. Interest accrued but not due on(a) secured loan/borrowings, (b)	12/		
nsecured loans/borrowings	15	₹0.00	₹0.00

National Centre for Sustainhble Coestat Nanogame Ministry of Environment, Forest and Climate Chang Government of India, Anna University Computs Chennel-600 025, India

Mational Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chemat-600 025, Judia

Chartered Accountants

5.Statutory Liabilities 6.Other current Liabilities	7	₹51,63,385.29 ₹5,46,227.00	₹ 80,69,655.29 ₹ 0.00
B.PROVISIONS		₹ 0.00	₹ 0.00
1.For Taxation		₹ 0.00	₹ 0.00
2.Gratuity		₹ 0.00	₹ 0.00
3.superannuation /pension		₹ 0.00	₹ 0.00
4.Accumulated Leave Encashment		₹ 0.00	₹0.00
5.Trade Warranties/ claim		₹0.00	₹0.00
6.others (specify		₹0.00	₹0.00
TOTAL		₹ 5,45,78,021.29	
ASSETS			
FIXED ASSETS		₹ 23,90,729.59	₹ 93,08,137.0
1. LAND		₹ 0.00	₹0.0
2.BUILDINGS		₹ 0.00	₹0.0
3.PLANT MACHINERY& EQUIPMENT		₹9,05,717.08	₹0.0
4.VEHICLES	Ξ.	₹ 0.00	₹0.0
5.FURNITURE, FIXTURES		₹ 0.00	₹0.00
6.OFFICE EQUIPMENT	8	₹ 0.00	₹0.00
7.COMPUTER/PERIPHERALS		₹ 10,81,111.57	₹ 84,40,425.0
8.ELECTRIC INSTALLATIONS		₹ 3,83,635.67	₹7,94,514.0
9.LIBRARY BOOKS		₹ 0.00	₹0.0
10.TUBEWELLS & W.SUPPLY		₹0.00	₹0.0
11.OHTER FIXED ASSETS		₹ 20,265.27	₹73,198.0
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS		₹ 0.00	₹0.0
1. In Government securities		₹0.00	₹ 0.0
2.Other approved securies	9	₹ 0.00	₹ 0.0
3.shares		₹ 0.00	₹0.0
4.Debentures and Bonds		₹0.00	₹0.0
5.Subsidiaries and joint ventures		₹0.00	₹0.0
6.Others (to be specified)		₹0.00	₹0.0
INVESTMENTS-OTHERS		₹ 0.00	₹0.0
1. In Government securities	-	₹0.00	₹0.0
2.Other approved securies		₹0.00	₹ 0.0
3.shares	10	₹ 0.00	₹0.0
4.Debentures and Bonds		₹0.00	₹0.0
5.Subsidiaries and joint ventures		₹0.00	₹0.0
6.Others (to be specified)		₹ 0.00	₹ 0.0
CURRENT ASSETS, LOANS, ADVANCES ETC		₹ 5,21,87,291.70	₹ 10,24,63,026.5
A.CURRENT ASSETS		₹4,55,08,378.90	and the second sec
1.Inventories		₹0.00	₹0.0
2.sundry Debtors		₹0.00	₹0.0
3.Cash Balance in Hand		₹0.00	₹0.0
4.Bank Balances		₹ 4,55,08,378.90	₹9,60,96,421.6
5.Post Office-savings accounts		₹ 0.00	₹0.0
B.LOANS , ADVANCES AND OTHER ASSETS		₹ 66,78,912.80	₹ 63,66,604.9
1.Loans		₹ 6,80,006.58	
a-staff		₹ 0.00	₹0.0
b-other entities engaged in activities/objectives similar to that of the		10.00	
entity	11	₹0.00	₹0.0
c-Others-Adv to staff-travel		₹ 6,80,006.58	₹ 5,65,130.5
2.Advances and other amounts recoverable in cash or in kind or for		10,00,000.38	10,00,100,0
value to be received		₹ 97 961 00	₹0.0
		₹ 87,861.00	
a-on Capital Account		₹ 0.00	
b-Prepayments		₹ 87,861.00	
c-Others		₹0.00	₹0.0
3.Income Accrued		₹ 0.00	₹0.0
4.claims receivables		₹ 59,11,045.22	₹ 58,01,474.3
MISCELLANEOUS EXPENDITURE			
(to the extent not written off or adjusted)			
FOTAL		₹ 5,45,78,021.29	₹ 11,17,71,163.

CHENNAI 600 025

Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University, Pampus Chennal-600 025, India

turge Director

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

NATIONAL CENTRE FOR SUSTAINA Project : Other Grant In Aid -INCOME AND EXPENDITURE A			arch 31,2023
FY 2022	and the second se		
		Amo	ount (Rs)
1100115	Schedule	FY 2022-23	FY 2021-22
INCOME			
INCOME FROM SALES/SERVICES	1.1.1	₹ 0.00	₹ 0.00
1.Income from Sales 2.Income from Services	12	₹ 0.00	₹0.00
GRANTS/SUBSIDIES		₹ 0.00	₹ 0.00
1.Central Government		₹ 14,14,21,406.79 ₹ 0.00	₹ 3,00,07,987.52 ₹ 0.00
2.State Government		₹0.00	₹ 0.00
3.Government Agencies	13	₹ 11,53,49,138.73	₹ 1,97,90,763.56
4.Institutions/welfare agencies		₹0.00	₹0.00
5.International organisations		₹ 2,60,72,268.06	₹ 1,02,17,223.96
6.Others(specify)	2	₹0.00	₹0.00
FEES/SUBSCRIPTIONS		₹ 0.00	₹ 0.00
1.Entrace Fees		₹0.00	₹0.00
2.Annual fees/ subscriptions 3.Seminar/program fees	14	₹0.00	₹0.00
4.consultancy fees		₹ 0.00 ₹ 0.00	₹0.00
5.Others (specify)		₹ 0.00 ₹ 0.00	₹ 0.00 ₹ 0.00
LEAD OF VERTIN		10.00	3 0.00
INCOME FROM INVESTMENTS (INCOME ON INVEST FROM EARMARKED/ENDOW, FUNDS TRANSFERRED TO FUNDS)		₹ 0.00	₹0.00
1.Interest	15	₹0.00	₹ 0.00
2.Dividends		₹0.00	₹0.00
3.Rents		₹0.00	₹0.00
4.Others (specify)		₹ 0.00	₹ 0.00
NCOME FROM ROYALTY, PUBLICATION ETC		₹0.00	₹0.00
1.Income from royalty	16	₹ 0.00	₹0.00
2.Income from publications	10	₹ 0.00	₹0.00
3.Others (specify)		₹0.00	₹0.00
NTEREST EARNED		₹ 4,87,602.00	₹ 2,25,460.00
1 On term Deposit		₹0.00	₹0.00
2.On savings accounts	17	₹ 4,87,602.00	₹ 2,25,460.00
3.On loans 4.Interst onDebtors and other receivables		₹0.00	₹ 0.00
DTHER INCOME		₹ 0.00	₹0.00
1 Profit on sale/disposal of assets		₹ 35,000.00	₹ 0.00
2.Export incentives realised	18	₹ 0.00 ₹ 0.00	₹0.00 ₹0.00
3.Fees for Miscellaneous services	10	₹ 0.00	₹0.00
4.Miscellaneous Income		₹ 35,000.00	₹0.00
NCREASE/(DECREASE) IN STOCK OF FINISHED GOODS AND WORK-IN-	1.		ad
PROGRESS	19	₹ 0.00	₹0.00
TOTAL(A)		₹ 14,19,44,008.79	₹ 3,02,33,447.52
EXPENDITURE			-
STABILLISHMENT EXPENSES	20	₹ 8,24,42,336.66	₹ 1,06,48,485.00
(a)Salaries and Wages		₹ 8,24,42,336.66	₹ 1,06,48,485.00
(b)Allowances and Bonus		₹ 0.00	₹0.00
(c)Contribution to Provident Fund		₹0.00	₹ 0.00
(d)Contribution to Other Fund (specify)		₹0.00	₹ 0.00
(e)Staff Welfare Expenses		₹ 0.00	₹0.00
(f)Expenses on Employees Retirement and Terminal Benefits		₹ 0.00	₹0.00
(g)Others (Specify) OTHER ADMINISTRATIVE EXPENSES, ETC	34	₹ 0.00	₹ 0.00
a)Purchases	21	₹ 5,79,80,435.11	₹ 1,92,59,505.52
b)Labour and processing expenses		₹ 32,12,982.57	₹14,10,947.00
		₹ 0.00 ₹ 0.00	₹0.00
d)Electricity and power		₹0.00	₹ 0.00
e)water charges		₹0.00	₹ 0.00
e)water charges f)Insurance		₹0.00	₹ 0.00
g)Repairs & maintenance Z CHENNAL		₹0.00	₹ 0.00
h)Excise duty 600 025		₹0.00	70.00
i)Rent, Rates & Taxes		₹0.00	₹0.00
j)Vehicles Running and maintenance		₹0.00	₹0.00 ₹0.00 ₹0.00

Government of India, Aana University Tempus Chennal-600 025, India

BALANCE BEING SURPLUS(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		₹ 15,21,237.02	₹ 3,25,457.0
Transfer to/from General Reserve		-	-
Transfer to Special Reserve (Specify each)			
Balance being excess of Income Over Expenditure (A-B)			
TOTAL(B)	-	₹ 14,04,22,771.77	₹ 2,99,07,990.5
SCHEDULE 8)			
DEPRECIATION (NET TOTAL AT THE YEAR END-CORRESPONDING TO		₹ 0.00	₹0.00
c) Others(specify)		₹0.00	₹0.00
b) On other loans (incl.bank charges)		₹ 0.00	₹ 0.00
a) On fixed loans		₹0.00	₹ 0.00
INTEREST	23	₹0.00	₹0.00
b) subsidies given to insituions/organisations		₹0.00	₹ 0.00
a) Grants given to instutions/organisations		₹0.00	₹ 0.00
EXPENDITURE ON GRANTS, SUBSIDIES, ETC	22	₹0.00	₹0.00
z)Others(Specify)		₹ 3,95,60,515.54	₹ 1,47,07,360.52
y)Advertisement and publicity		₹0.00	₹0.00
x)Distribution Expenses		₹0.00	₹ 0.00
w)Freight and Forwarding Expenses		₹ 0.00	₹ 0.00
v)Packing Charges		₹0.00	₹0.00
u)Irrecoverable Balances Written- off		₹ 0.00	₹0.00
t)Provision for Bad and Doubtful Debts/ Advances		₹ 0.00	₹0.00
s)Professional Charges		₹0.00	₹0.00
r)Hospitality Expenses		₹0.00	₹0.00
q)Auditors Remuneration		₹0.00	₹ 0.00
p)Expenses on Fees		₹ 0.00	₹0.00
0)Subscription Expenses		₹0.00	₹ 0.00
n)Expenses on seminar/workshops		₹ 80,92,291.00	₹ 1,03,433.00
m)Travelling and conveyance charges		₹71,14,646.00	₹ 30,37,765.00
I)printing and stationery		₹ 0.00	₹ 0.00
k)Postage, Telephone and communication charges		₹ 0.00	₹0.00



Manager - Finance / Accounts National Centre for Sustainable Chastal Management Ministry of Environment, Formshand Dilenste Change Government of India, Anna University Campus Chennal-600 025, India

Director

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. Chartered Accountants Xune (1972) CA Nima Nirmala M.Com.FCA M. No.-226394 Partner



#### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

Project: Userfee -BALANCE SHEET AS ON March 31,2023

	Amount (Rs)		
	Schedule	FY 2022-23	FY 2021-22
CORPUS/CAPTIAL FUND AND LIABILITIES			100 m
CORPUS/CAPITAL FUND	1	₹ 18,79,206.72	₹ 12,43,370.0
RESERVES AND SURPLUS		₹ 0.00	₹ 0.0
1.Capital Reserve	1 1	₹ 0.00	₹ 0.0
As per last Account	1 1	₹ 0.00	₹ 0.0
Addition during the year	1 F	₹ 0.00	₹ 0.00
Less: Deductions during the year		₹ 0.00	₹ 0.00
2.Revaluation Reserve	1 1	₹ 0.00	₹ 0.00
As per last Account	1 1	₹0.00	₹0.00
Addition during the year	1 1	₹ 0.00	₹ 0.00
Less: Deductions during the year	2	₹0.00	₹ 0.00
3.Special Reserves:	1 1	₹ 0.00	₹ 0.00
As per last Account	1 1	₹0.00	₹ 0.00
Addition during the year	1 1	₹0.00	₹ 0.00
Less: Deductions during the year	1 1	₹0.00	₹0.00
4.General Reserve	1 1	₹ 0.00	₹ 0.00
As per last Account		₹0.00	₹0.00
Addition during the year		₹0.00	₹ 0.00
Less: Deductions during the year		₹0.00	₹ 0.00
ARMARKED/ENDOWMENT FUNDS		₹0.00	₹ 0.00
a) Opening balance of the funds		₹ 0.00	₹ 0.00
b) additons to the funds		₹ 0.00	₹ 0.00
i.Donations/grants		₹0.00	₹ 0.00
ii.Income from investments made on account of funds		₹ 0.00	₹ 0.00
iii.Other additions (specify nature)		₹0.00	₹ 0.00
TOTAL (a+b)		₹ 0.00	₹ 0.00
c) utilisation/expenditure towards objectives of funds		₹ 0.00	₹ 0.00
i.Capital Expenditure		₹ 0.00	₹ 0.00
-Fixed Assets	3	₹0.00	₹ 0.00
-Others		₹0.00	₹ 0.00
Total	l l	₹0.00	₹ 0.00
ii.Revenue Expenditure	- F	₹0.00	₹ 0.00
-Salaries, wages and allowances etc	h h	₹ 0.00	₹0.00
-Solaries, wages and anowances etc	H	₹ 0.00	₹ 0.00
-Other administrative expenses	E E	₹ 0.00	₹ 0.00
Total	H	₹ 0.00	₹ 0.00
Net Balance as at the year -end (a+b+c)	F	₹ 0.00	₹ 0.00
CURED LOANS AND BORROWINGS		₹ 0.00	₹ 0.00
1.Central Government		₹ 0.00	₹ 0.00
2.State Government(specify)		₹ 0.00	₹ 0.00
3.Financial Institutions(a)term loan (b)interest accrued and due	. 1	₹ 0.00	₹ 0.00
4.Banks	4	₹0.00	₹ 0.00
5.Other institutions and agencies		₹ 0.00	₹ 0.00
6.Debentures and Bonds		₹ 0.00	₹ 0.00
7.Others (specify)		₹ 0.00	₹ 0.00
SECURED LOANS AND BORROWINGS		₹ 0.00	₹ 0.00
1.Central Government		₹ 0.00	₹ 0.00
2.State Government(specify)		₹ 0.00	₹0.00
3. Financial Institutions		₹ 0.00	₹ 0.00
4.Banks (a) Term Loans (b) other loans(specify)	5	₹ 0.00	₹0.00
5.Other institutions and agencies 6.Debentures and Bonds		₹0.00	₹ 0.00
. Fixed Deposits	-	₹0.00	₹0.00
Others (specify)	-	₹ 0.00 ₹ 0.00	₹0.00 ₹0.00
FERRED CREDIT LIABILITIES	6	₹ 0.00	₹ 0.00
RRENT LIABILITIES AND PROVISIONS		₹ 93,373.56	₹ 6,695.16
CURRENT LIABILITIES	AINABLE	33,3/3.50	
1 Accontances	181-	₹ 0.00	₹0.00
1.Acceptances 2.Sundry Creditors (a) for goods (b) others	6 AINABLE CONSTANT	₹0.00	₹0.00
2.Sundry Creditors (a) for goods (b) others	HENNAI	₹0.00	₹0.00
4.Interest accrued but not due on(a) secured loan/borrowings (b)	00 025	₹ 0.00	₹0.00
secured loans/borrowings	12	<b>T</b> 0 00	
accured loans/ borrowings	* 1113113	₹ 0.00	₹0.00

National Centre for Sostal fabre Chaptal Management Ministry of Environment, Porsst ad Climica Change Government of India, Ama University Campus Chennal-590 025, India

Chartered Accountants CBNan

Government of India, Anna University Campus

J

5.Statutory Liabilities 6.Other current Liabilities	7	₹ 0.00	₹ 0.00 ₹ 0.00
B.PROVISIONS		₹ 93,373.56	₹ 6,695.16
1.For Taxation		₹ 0.00	₹ 0.00
2.Gratuity		₹ 0.00	₹ 0.00
3.superannuation /pension		₹0.00	₹0.00
4.Accumulated Leave Encashment	1	₹0.00	₹ 0.00
5.Trade Warranties/ claim	1	₹0.00	₹0.00
6.others (specify		₹93,373.56	₹ 6,695.16
TOTAL		₹ 19,72,580.28	₹ 12,50,065.17
ASSETS			
IXED ASSETS	1	₹ 0.00	₹0.00
1. LAND	1	₹0.00	₹0.00
2.BUILDINGS	1	₹0.00	₹0.00
3.PLANT MACHINERY& EQUIPMENT	1	₹0.00	₹0.00
4.VEHICLES	1	₹0.00	₹0.00
5.FURNITURE, FIXTURES	10.15	₹0.00	₹0.00
6.OFFICE EQUIPMENT	- 8	₹ 0.00	₹0.00
7.COMPUTER/PERIPHERALS	1	₹0.00	₹0.00
8.ELECTRIC INSTALLATIONS	1	₹0.00	₹0.00
9.LIBRARY BOOKS	1	₹0.00	₹0.00
10.TUBEWELLS & W.SUPPLY	1	₹0.00	₹0.00
11.OHTER FIXED ASSETS		₹ 0.00	₹0.00
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS		₹ 0.00	₹ 0.00
1. In Government securities	1	₹0.00	₹ 0.00
2.Other approved securies	9	₹0.00	₹0.00
3.shares		₹0.00	₹0.00
4.Debentures and Bonds		₹0.00	₹0.00
5.Subsidiaries and joint ventures		₹0.00	₹0.00
6.Others (to be specified)		₹0.00	₹0.00
INVESTMENTS-OTHERS		₹0.00	₹ 0.00
1. In Government securities	1	₹0.00	₹0.00
2.Other approved securies	10	₹0.00	₹ 0.00
3.shares		₹0.00	₹0.00
4.Debentures and Bonds		₹0.00	₹0.00
5.Subsidiaries and joint ventures	1	₹0.00	₹0.00
6.Others (to be specified)	-	₹0.00	₹0.00
CURRENT ASSETS, LOANS, ADVANCES ETC		₹ 19,72,580.28	₹ 12,50,065.1
A.CURRENT ASSETS	1	₹ 18,40,120.28	₹ 11,25,275.1
1.Inventories	-	₹0.00	₹0.00
2.sundry Debtors	-	₹ 25,000.00	₹0.00
3.Cash Balance in Hand	-	₹ 0.00	₹0.0
4.Bank Balances	-	₹ 18,15,120.28	₹ 11,25,275.1
5.Post Office-savings accounts	-	₹0.00	₹0.0
B.LOANS , ADVANCES AND OTHER ASSETS	-	₹ 1,32,460.00	₹ 1,24,790.0
	-	₹ 0.00	₹ 0.0
1.Loans a-staff	-	₹ 0.00	₹0.0
b-other entities engaged in actities/objectives similar to that of the		10.00	10.0
	11	₹ 0.00	₹0.0
entity c-Others-Adv to staff-travel	-	₹ 0.00	₹0.0
2.Advances and other amounts recoverable in cash or in kind or for	-	(0.00	(0.0
value to be received		₹ 0.00	₹ 0.0
a-on Capital Account	2	₹0.00	₹0.0
b-Prepayments	12	₹ 0.00	₹ 0.0
c-Others	1EA	₹0.00	₹0.0
3.Income Accrued CHENNAL		₹0.00	₹0.0
4.claims receivables 600.025		₹ 1,32,460.00	₹ 1,24,790.0
MISCELLANEOUS EXPENDITURE			
(to the extent not written off or adjusted)	XS/		
			₹ 12,50,065.1

Fr RANGAMANI & CO. Chartered Accountants

Manager - Finance / Accounts National Centre for Sustainable Detatal Management Ministry of Environment, For-of and Climite Change Government of India, Anna University Campus 133 Chennal-600 025, India

Director

National Centre for Sustainable Coastal Management Ministry of Environment, Fetest and Climate Change Government of India, Anna University Campus Channai-600 025, India

#### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS) NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

FY 2022-	-23		
		Amount (Rs)	
	Schedule	FY 2022-23	FY 2021-22
INCOME	_		
NCOME FROM SALES/SERVICES		₹ 6,17,688.00	₹ 48,805.00
1.Income from Sales	12	₹ 6,17,688.00	₹ 48,805.00
2.Income from Services		₹0.00	₹0.00
GRANTS/SUBSIDIES		₹ 0.00	₹ 0.00
1.Central Government		₹0.00	₹ 0.00
2.State Government		₹0.00	₹0.00
3.Government Agencies	13	₹ 0.00	₹0.00
4.Institutions/welfare agencies		₹ 0.00	₹0.00
5. International organisations		₹ 0.00	₹0.00
6.Others(specify)		₹ 0.00	₹0.00
FEES/SUBSCRIPTIONS		₹ 0.00	₹0.00
1.Entrace Fees		₹0.00	₹0.00
2.Annual fees/ subscriptions	14	₹0.00	₹0.00
3.Seminar/program fees		₹0.00	₹0.00
4.consultancy fees		₹0.00	₹0.00
5.Others (specify)		₹ 0.00	₹0.00
NCOME FROM INVESTMENTS	(198 B)	₹ 0.00	₹ 0.00
1.Interest	15	₹0.00	₹ 0.00
2.Dividends		₹0.00	₹ 0.00
3.Rents		₹0.00	₹ 0.00
4.Others (specify)		₹0.00	₹ 0.00
NCOME FROM ROYALTY, PUBLICATION ETC		₹0.00	₹ 0.00
1.Income from royalty		₹0.00	₹0.00
2.Income from publications	16	₹0.00	₹ 0.00
3.Others (specify)		₹0.00	₹ 0.00
NTEREST EARNED		₹45,787.00	
1 On term Deposit		₹0.00	₹ 36,778.00 ₹ 0.00
2.On savings accounts	17		
3.On loans	17	₹0.00	₹0.00
4.Interst onDebtors and other receivables		₹0.00	₹ 0.00
DTHER INCOME		₹ 45,787.00	₹36,778.00
1 Profit on sale/disposal of assets		₹0.16	₹0.00
2.Export incentives realised	10	₹0.00	0.00 ₹
	18	₹0.00	10.00
3.Fees for Miscellaneous services 4.Miscellaneous Income		₹0.00	₹0.00
		₹0.16	₹0.00
NCREASE/(DECREASE) IN STOCK OF FINISHED GOODS AND WORK-IN-	19	₹0.00	₹0.00
PROGRESS			
OTAL(A)		₹6,63,475.16	₹ 85,583.00
VARNAITURE			
EXPENDITURE			
ESTABILLISHMENT EXPENSES	20	₹ 0.00	₹0.00
(a)Salaries and Wages		₹0.00	₹ 0.00
(b)Allowances and Bonus		₹0.00	₹0.00
(c)Contribution to Provident Fund		₹0.00	₹0.00
(d)Contribution to Other Fund (specify)		₹ 0.00	₹0.00
(e)Staff Welfare Expenses		₹0.00	₹0.00
(f)Expenses on Employees Retirement and Terminal Benefits		₹ 0.00	₹0.00
(g)Others (Specify)		₹0.00	₹ 0.00
THER ADMINISTRATIVE EXPENSES, ETC	21	₹ 27,638.45	₹ 1,555.82
a)Purchases		₹0.00	₹ 0.00
b)Labour and processing expenses		₹0.00	₹0.00
c)cartage and carriage inwards d)Electricity and power		₹0.00	₹0.00
		₹0.00	₹0.00
e)water charges		₹0.00	₹0.00
f)Insurance		₹0.00	₹0.00
g)Repairs & maintenance		₹ 18,154.00	₹0.00
h)Excise duty		₹0.00	₹0.00
i)Rent, Rates & Taxes		₹0.00	₹0.00
Wahislas Dunning and			
j)Vehicles Running and		₹0.00	₹0.00

Government of India, Anna University Campus Chennai-600 025, India

BALANCE BEING SURPLUS(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		₹ 6,35,836.71	₹ 84,027.1
Transfer to/from General Reserve		-	
Transfer to Special Reserve (Specify each)			
Balance being excess of Income Over Expenditure (A-B)		-	
TOTAL(B)		₹ 27,638.45	₹ 1,555.8
SCHEDULE 8)		1000	
DEPRECIATION (NET TOTAL AT THE YEAR END-CORRESPONDING TO		₹0.00	₹0.00
c) Others(specify)		₹ 0.00	₹0.00
b) On other loans (incl.bank charges)		₹ 0.00	₹ 0.00
a) On fixed loans		₹ 0.00	₹ 0.00
INTEREST	23	₹ 0.00	₹0.00
b) subsidies given to insituions/organisations		₹ 0.00	₹ 0.00
a) Grants given to instutions/organisations		₹ 0.00	₹0.00
EXPENDITURE ON GRANTS, SUBSIDIES, ETC	22	₹0.00	₹ 0.00
z)Others(Specify)		₹ 9,484.45	₹ 1,555.82
y)Advertisement and publicity		₹0.00	₹ 0.00
x)Distribution Expenses		₹0.00	₹ 0.00
w)Freight and Forwarding . Expenses		₹ 0.00	₹0.00
v)Packing Charges		₹0.00	₹0.00
u)Irrecoverable Balances Written- off		₹0.00	₹0.00
t)Provision for Bad and Doubtful Debts/ Advances		₹0.00	₹0.00
s)Professional Charges		₹0.00	₹0.00
r)Hospitality Expenses		₹0.00	₹0.00
q)Auditors Remuneration		₹ 0.00	₹0.00
p)Expenses on Fees		₹0.00	₹ 0.00
0)Subscription Expenses		₹0.00	₹0.00
n)Expenses on seminar/workshops		₹ 0.00	₹0.00
m)Travelling and conveyance charges		₹ 0.00	₹0.00
I)printing and stationery		₹0.00	₹ 0.00
k)Postage, Telephone and communication charges		₹0.00	₹0.00



Manager - Finance / Accounts National Confru for Sustainable Crastal Management Ministry of Environment, Folley and Cernate Shange Government of India, Anna Valversity Campus Chennal-S00 025, India

השר Director

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Fr RANGAMANI & CO. Chartered Accountants )cr CA Nima Nirmala M.Com.FCA M. No.-226394 Partner



#### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

Project: Revenue Activity -BALANCE SHEET AS ON March 31,2023

		Amou	nt (Rs)
	Schedule	FY 2022-23	FY 2021-22
CORPUS/CAPTIAL FUND AND LIABILITIES			
CORPUS/CAPITAL FUND	1	₹ 22,89,20,228.44	₹ 23,34,85,425.5
RESERVES AND SURPLUS		₹0.00	₹0.0
1.Capital Reserve		₹ 0.00	₹0.0
As per last Account		₹0.00	₹0.0
Addition during the year		₹0.00	₹0.0
Less: Deductions during the year		₹0.00	₹0.0
2.Revaluation Reserve		₹ 0.00	₹0.0
As per last Account		₹ 0.00	₹0.0
Addition during the year	2	₹ 0.00	₹0.0
Less: Deductions during the year		₹ 0.00	₹0.0
3.Special Reserves:		₹ 0.00	₹0.0
As per last Account		₹0.00	₹0.0
Addition during the year		₹ 0.00	₹0.0
Less: Deductions during the year		₹0.00	₹0.0
4.General Reserve		₹ 0.00	₹0.0
As per last Account		₹ 0.00	₹0.0
Addition during the year	2	₹ 0.00	₹0.0
Less: Deductions during the year		₹ 0.00	₹0.0
EARMARKED/ENDOWMENT FUNDS		₹ 0.00	₹0.0
a) Opening balance of the funds	1	₹ 0.00	₹0.0
b) additons to the funds	1	₹ 0.00	₹0.00
i.Donations/grants	1	₹ 0.00	₹0.0
ii.Income from investments made on account of funds		₹ 0.00	₹ 0.00
iii.Other additions (specify nature)		₹0.00	₹ 0.00
TOTAL (a+b)		₹ 0.00	₹ 0.00
c) utilisation/expenditure towards objectives of funds	1	₹ 0.00	₹ 0.00
i.Capital Expenditure	1	₹0.00	₹0.00
-Fixed Assets	3	₹0.00	₹ 0.00
-Others	1	₹ 0.00	₹ 0.00
Total	1	₹0.00	₹0.00
ii.Revenue Expenditure		₹0.00	₹0.0
-Salaries, wages and allowances etc		₹ 0.00	₹0.00
-Rent		₹ 0.00	₹0.00
-Other administrative expenses	1	₹0.00	₹0.00
Total	1	₹ 0.00	₹ 0.00
Net Balance as at the year -end (a+b+c)		₹ 0.00	₹ 0.00
SECURED LOANS AND BORROWINGS		₹ 0.00	₹ 0.00
1.Central Government		₹0.00	₹0.00
2.State Government(specify)		₹ 0.00	₹0.00
3.Financial Institutions(a)term loan (b)interest accrued and due	4	₹ 0.00	₹0.00
4.Banks		₹ 0.00	₹0.00
5.Other institutions and agencies		₹ 0.00	₹0.00
6.Debentures and Bonds 7.Others (specify)		₹ 0.00	₹0.00
JNSECURED LOANS AND BORROWINGS		₹ 0.00 ₹ <b>0.00</b>	₹ 0.00 ₹ <b>0.00</b>
1.Central Government		₹ 0.00	
2.State Government(specify)	1	₹ 0.00	₹ 0.00 ₹ 0.00
3.Financial Institutions	1	₹ 0.00	₹ 0.00
4.Banks (a) Term Loans (b) other loans(specify)	5	₹ 0.00	₹ 0.00
5.Other institutions and agencies		₹ 0.00	₹ 0.00
6.Debentures and Bonds	1	₹ 0.00	₹0.00
7. Fixed Deposits		₹ 0.00	₹ 0.00
8.Others (specify)		₹ 0.00	₹ 0.00
DEFERRED CREDIT LIABILITIES	6	₹ 0.00	₹ 0.00
URRENT LIABILITIES AND PROVISIONS		₹ 28,07,67,245.27	₹ 29,91,22,870.97
A.CURRENT LIABILITIES		₹ 25,92,95,636.27	₹ 27,76,51,261.97
1.Acceptances		₹ 0.00	₹0.00
2.Sundry Creditors (a) for goods (b) others		₹ 0.00	₹ 0.00
3.Advances received		₹ 24,93,54,299.08	₹ 20,72,75,230.08
4.Interest accrued but not due on(a) secured loan/borrowings, (b)			
nsecured loans/borrowings		₹ 0.00	₹0.00
5.Statutory Liabilities		₹ 83,17,864.19	₹ 6,87,78,935.89
6.Other current Liabilities	7	₹ 16,23,473.00	₹ 15,97,096.00

National Centre for St Ministry of Envirog National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus --runance.sAccounts Chennai-600 025. India

BUILY

Government of

6

Der MG I'SITERDOOY Chanared Fr RANGAMANT & CO. Chartered Accountants

B.PROVISIONS		₹ 2,14,71,609.00	₹ 2,14,71,609.00
1.For Taxation		₹ 0.00	₹0.00
2.Gratuity		₹ 0.00	₹0.00
3.superannuation /pension		₹ 0.00	₹0.00
4.Accumulated Leave Encashment		₹ 0.00	₹0.00
5.Trade Warranties/ claim		₹0.00	₹0.00
6.others (specify		₹ 2,14,71,609.00	₹ 2,14,71,609.00
TOTAL		₹ 50,96,87,473.71	₹ 53,26,08,296.50
ASSETS		1	
FIXED ASSETS		₹ 20,55,185.08	₹ 78,85,418.00
1. LAND	1	₹0.00	₹ 0.00
2.BUILDINGS		₹0.00	₹0.00
3.PLANT MACHINERY& EQUIPMENT	1	₹ 32,321.72	₹ 85,700.00
4.VEHICLES	1	₹7,45,568.40	₹ 19,76,851.00
5.FURNITURE, FIXTURES	8	₹0.00	₹0.00
6.OFFICE EQUIPMENT		₹ 0.00	₹0.00
7.COMPUTER/PERIPHERALS		₹ 12,77,294.96	₹ 58,22,867.00
8.ELECTRIC INSTALLATIONS	-	₹ 0.00	₹0.00
9.LIBRARY BOOKS	-	₹ 0.00	₹ 0.00
10.TUBEWELLS & W.SUPPLY	-	₹ 0.00	₹0.00
	-	₹ 0.00	₹ 0.00
11.OHTER FIXED ASSETS		₹ 0.00	₹ 0.00
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS	-		₹0.00
1. In Government securities	-	₹0.00	₹ 0.00
2.Other approved securies	9	₹0.00	
3.shares		₹0.00	₹0.00
4.Debentures and Bonds		₹0.00	₹0.00
5.Subsidiaries and joint ventures		₹0.00	₹ 0.00
6.Others (to be specified)	1.1	₹0.00	₹0.00
INVESTMENTS-OTHERS	-	₹ 0.00	₹0.00
1. In Government securities	-	₹ 0.00	₹0.00
2.Other approved securies	-	₹ 0.00	₹ 0.00
3.shares	10	₹ 0.00	₹ 0.00
4.Debentures and Bonds		₹ 0.00	₹0.0
5.Subsidiaries and joint ventures		₹ 0.00	₹ 0.00
6.Others (to be specified)		₹ 0.00	₹0.0
CURRENT ASSETS, LOANS, ADVANCES ETC		₹ 50,76,32,288.63	₹ 52,47,22,878.5
A.CURRENT ASSETS		₹ 8,43,00,687.05	₹ 12,89,37,621.9
1.Inventories		₹ 0.00	₹0.0
2.sundry Debtors		₹ 98,53,910.31	₹ 1,34,53,604.9
3.Cash Balance in Hand		₹ 0.00	₹0.0
4.Bank Balances		₹7,44,46,776.74	₹ 11,54,84,016.9
5.Post Office-savings accounts		₹ 0.00	₹0.0
B.LOANS , ADVANCES AND OTHER ASSETS		₹ 42,33,31,601.58	₹ 39,57,85,256.5
1.Loans	-	₹ 2,85,74,094.00	₹ 1,98,91,665.0
a-staff		₹0.00	₹0.0
b-other entities engaged in actvities/objectives similar to that of the	-		
entity	11	₹0.00	₹0.0
c-Others-Adv to staff-travel	-	₹ 2,85,74,094.00	₹ 1,98,91,665.0
2.Advances and other amounts recoverable in cash or in kind or for			
		₹ 11,57,500.00	₹ 11,57,500.0
A SIBILAR	1	₹ 0.00	₹0.0
a-on Capital Account	S GITTIN	₹ 11,57,500.00	₹ 11,57,500.0
	-1521	₹11,57,500.00	₹11,57,500.0
b-Prepayments			₹0.0
c-Others	F	₹0.00	
c-Others CHENNAL 3.Income Accrued S00.025		₹ 0.00	
c-Others 3.Income Accrued 4.claims receivables		₹ 0.00 ₹ 39,36,00,007.58	₹ 37,47,36,091.5
c-Others CHENNAL 3.Income Accrued S00.025	L-MAINA		

Fr RANGAMANI & CO. **Chartered** Accountants 10100 lime

CA Nima Nirmala M.Com FCA M. No.-226394 Partner

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennal-600 025, India

P Director

National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Aline University Campus Chennel-500 025, India

FY 2022	2-23		a channe
	-1-11		unt (Rs)
NCOME	Schedule	FY 2022-23	FY 2021-22
COME FROM SALES/SERVICES		₹ 2,03,26,272.00	₹ 7,36,82,291.00
1.Income from Sales	12	₹ 0.00	₹ 0.00
2.Income from Services		₹2,03,26,272.00	₹7,36,82,291.00
RANTS/SUBSIDIES		₹0.00	₹ 0.00
1.Central Government		₹0.00	₹0.00
2.State Government		₹ 0.00	₹ 0.00
3.Government Agencies	13	₹0.00	₹0.00
4.Institutions/welfare agencies 5.International organisations		₹0.00	₹0.00
6.Others(specify)		₹ 0.00 ₹ 0.00	₹0.00 ₹0.00
ES/SUBSCRIPTIONS		₹0.00	₹ 0.00
1.Entrace Fees		₹0.00	₹0.00
2.Annual fees/ subscriptions	100 C	₹0.00	₹0.00
3.Seminar/program fees	14	₹0.00	₹0.00
4.consultancy fees		₹0.00	₹0.00
5.Others (specify)		₹0.00	₹ 0.00
OME FROM INVESTMENTS OME ON INVEST FROM EARMARKED/ENDOW, FUNDS TRANSFERRED TO FUNDS)		₹ 0.00	₹0.00
1.Interest	15	₹0.00	₹0.00
2.Dividends		₹0.00	₹0.00
.Rents .Others (specify)		₹0.00	₹0.00
		₹0.00	₹0.00
COME FROM ROYALTY, PUBLICATION ETC		₹0.00	₹0.00
Income from publications	16	₹0.00	₹0.00
Others (specify)		₹0.00 ₹0.00	₹ 0.00
TEREST EARNED		₹ 28,41,748.00	₹ 44,64,074.00
On term Deposit		₹ 0.00	₹0.00
.On savings accounts	17	₹ 28,41,748.00	₹ 44,64,074.00
On loans		₹0.00	₹0.00
Interst onDebtors and other receivables		₹0.00	₹ 0.00
HER INCOME		₹ 29,000.40	₹ 62,412.80
Profit on sale/disposal of assets		₹0.00	₹0.00
Export incentives realised	18	₹0.00	₹0.00
.Fees for Miscellaneous services		₹ 0.00	₹0.00
Miscellaneous Income		₹ 29,000.40	₹62,412.80
REASE/(DECREASE) IN STOCK OF FINISHED GOODS AND WORK-IN- DGRESS <sup>1</sup>	19	₹ 0.00	₹0.00
FAL(A)		₹ 2,31,97,020.40	₹ 7,82,08,777
		12,31,37,020.40	1,02,00,777
PENDITURE	La	-	-
ABILLISHMENT EXPENSES	20	₹ 1,01,83,642.70	₹ 1,69,73,968.00
a)Salaries and Wages		₹1,01,83,642.70	₹ 1,69,73,968.00
b)Allowances and Bonus		₹0.00	₹0.00
c)Contribution to Provident Fund		₹ 0.00	₹0.00
d)Contribution to Other Fund (specify)	~	₹ 0.00	₹0.00
e)Staff Welfare Expenses		₹0.00	₹0.00
f)Expenses on Employees Retirement and Terminal Benefits g)Others (Specify)		₹ 0.00 ₹ 0.00	₹0.00 ₹0.00
	21	₹1,17,48,341.87	₹ 89,11,418.93
Purchases	21	₹1,17,48,341.87	₹ 89,11,418.93
Labour and processing expenses		₹0.00	₹0.00
cartage and carriage inwards		₹0.00	₹0.00
Electricity and power		₹0.00	₹0.00
)water charges 600 025		₹0.00	₹0.00
Insurance		₹0.00	₹0.00
		₹0.00	₹0.00 /

National Contra for Sustainable Cozeful Man Jament Ministry of Environment, Forost and Climate Change Government of India, Anna University Campus

h)Excise duty		₹0.00	₹0.00
i)Rent, Rates & Taxes		₹0.00	₹0.00
j)Vehicles Running and		₹0.00	₹ 0.00
maintenance		10.00	10.00
k)Postage, Telephone and		₹0.00	₹ 0.00
communication charges			10.010.0
I)printing and stationery		₹ 0.00	₹0.00
m)Travelling and conveyance		₹ 24,59,292.50	₹ 25,09,418.50
charges			
n)Expenses on		₹0.00	₹0.00
seminar/workshops			
0)Subscription Expenses		₹0.00	₹0.00
p)Expenses on Fees		₹0.00	₹ 0.00
q)Auditors Remuneration		₹0.00	₹0.00
r)Hospitality Expenses		₹0.00	₹0.00
s)Professional Charges		₹0.00	₹0.00
t)Provision for Bad and Doubtful		₹0.00	₹0.00
Debts/ Advances		10.00	
u)Irrecoverable Balances Written-		₹0.00	₹0.00
off		(0.00	
v)Packing Charges		₹0.00	₹0.00
w)Freight and Forwarding		₹0.00	₹0.00
Expenses		10.00	10.00
x)Distribution Expenses		₹0.00	₹0.00
y)Advertisement and publicity		₹ 0.00	₹ 0.00
z)Others(Specify)		₹92,89,049.37	₹ 64,02,000.43
EXPENDITURE ON GRANTS, SUBSIDIES, ETC	22	₹ 0.00	₹0.00
a) Grants given to instutions/organisations		₹0.00	₹0.00
b) subsidies given to insituions/organisations		₹0.00	₹ 0.00
INTEREST	23	₹0.00	₹ 0.00
a) On fixed loans		₹0.00	₹ 0.00
b) On other loans (incl.bank charges)		₹0.00	₹ 0.00
c) Others(specify)		₹0.00	₹0.00
DEPRECIATION (NET TOTAL AT THE YEAR END-CORRESPONDING TO		₹0.00	₹ 0.00
SCHEDULE 8)		10.00	10.00
TOTAL(B)		₹ 2,19,31,984.57	₹ 2,58,85,386.9
Balance being excess of Income Over Expenditure (A-B)			
Transfer to Special Reserve (Specify each)			
Transfer to/from General Reserve			
BALANCE BEING SURPLUS(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		₹ 12,65,035.83	₹ 5,23,23,390.8



Fr RANGAMANI & CO. Chartered Accountants time 100



CA Nima Nirmala M.Com.FCA M. No.-226394 Partner

Director National Centre for Sustainable Coastal Management Ministry of Environment, Forest and Climate Change Government of India, Anna University Campus Chennai-600 025, India

Manager - Finance / Accounts National Centre for Sustainable Coastal Management Ministry of Environment, Forost and Climate Change Government of India, Anna University Campus Chennai-600 025, India