



# ODISHA COASTAL ZONE MANAGEMENT AUTHORITY

Forest, Environment and Climate Change Department, Government of Odisha

Letter No. 212/OCZMA

Dt. 30.11.2022

From

Dr. K. Murugesan, IFS  
Member Secretary, OCZMA

To

Principal Secretary to Govt. Housing and Urban Development Department, Govt. of Odisha	Member
Commissioner-cum-Secretary to Govt. Fisheries and Animal Resources Development Department, Government of Odisha	Member
Principal Chief Conservation of Forest (WL) and Chief Wildlife Warden, Odisha	Member
Member Secretary, State Pollution Control Board, Odisha	Member
Chief Conservator of Forest, Regional Office of MoEF & CC, Bhubaneswar	Member
Dr. Ajit Pattnaik Retd. PCCF, Odisha	Member
Prof. P.K. Mohanty, Professor & Head Dept. of Marine Science, Berhampur University	Member
Dr. K.V. Thomas, Former Director, National Centre for Earth Science Studies (NCESS)	Member
Prof. K.C. Rath, Professor & Head PG Dept. of Geography, Utkal University	Member
M/s. Action for Protection of Wild Animals (APOWA), Kendrapada	Member

Sub: Proceedings of 43<sup>rd</sup> meeting of the Odisha Coastal Zone Management Authority.

Sir,

I would like to transmit herewith the proceedings of 43<sup>rd</sup> meeting of the Odisha Coastal Zone Management Authority held on 30.11.2022 at 11:00 am through virtual mode under the chairmanship of Addl. Chief Secretary, Forest & Env. Department and Chairman, OCZMA for your kind perusal and necessary action.

Encl: As above

Yours faithfully,

  
MEMBER SECRETARY

Memo No. 213/OCZMA

Copy submitted to the Private Secretary to Additional Chief Secretary, FE&CC Department for information of ACS, FE&CC Department.

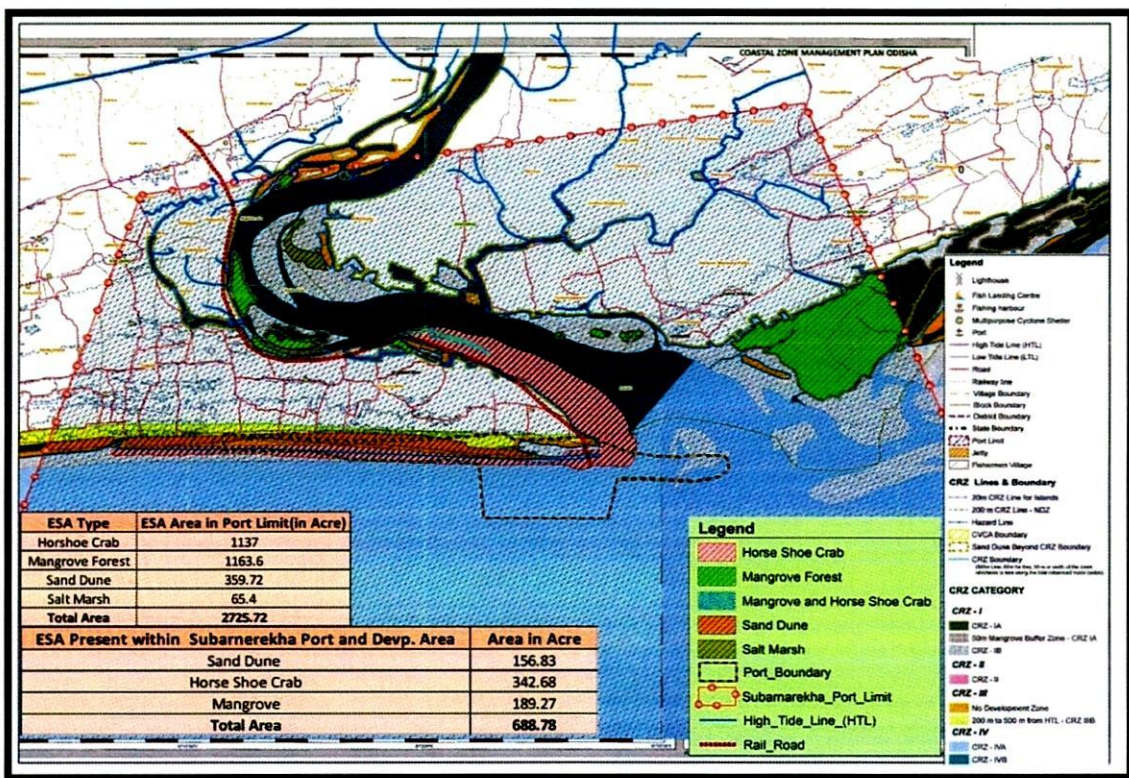
Dt. 30.11.2022

  
MEMBER SECRETARY

1. Rectification of CRZ Classification on draft CZMP Map No. OD 90 (Sheet No. F 45-P6/SW) under CRZ Notification, covering areas of Subarnarekha Port.

The Director Environment-cum Member Secretary, OCZMA made a presentation on the proposal for rectification of CRZ Classification on CZMP Map No. OD 90, areas covering within Subarnarekha Port.

He apprised that, the Chief of Projects of Subarnarekha Port Pvt. Ltd has submitted a representation on 18.02.2021 for rectification of CRZ Classification in the draft CZMP Map No.OD 90, sheet No. F 45-P6/SW in relation to Subarnarekha Port area, prepared based on CRZ Notification, 2019 as substantial part of the port area i.e about 692 acres out of the 915 acres of the allotted land for port development, master plan and the road connectivity falls in CRZ-IA area i.e. Ecologically Sensitive Area due to the presence of Sand Dunes, Mangroves and Horseshoe Crab Habitat.



The Ministry of Environment, Forest & Climate Change accorded EC & CRZ Clearance for development of Subarnarekha Port on 21st March, 2012 initially for a period of 7 years and was further extended till March 2023. CRZ Study for Subarnarekha Port was carried out by National Institute of Oceanography, Goa during 2010, and the report states that the proposed



port construction area does not fall under environmentally sensitive areas like Natural parks, Sanctuaries, Mangroves, Coral reefs or areas rich in genetic diversity.

Keeping in view, that the project already has a valid Environmental and CRZ clearance granted by MoEF&CC, as per CZMP 2011 and since as per NIO report, the project site falls on sandy beach and the port development area does contain any ESA areas, the Forest Environment & Climate Change Department, GoO has formed a team to study in detail the existing geomorphological characters/ ecologically sensitivity of the area vis-à-vis the characters that has been considered to classify the area as CRZ-I A. The team conducted a Field survey on 28th and 29th October 2021 and submitted the findings to the FE&CC Department, Govt. of Odisha.

The brief of the observations of the team are as follows:

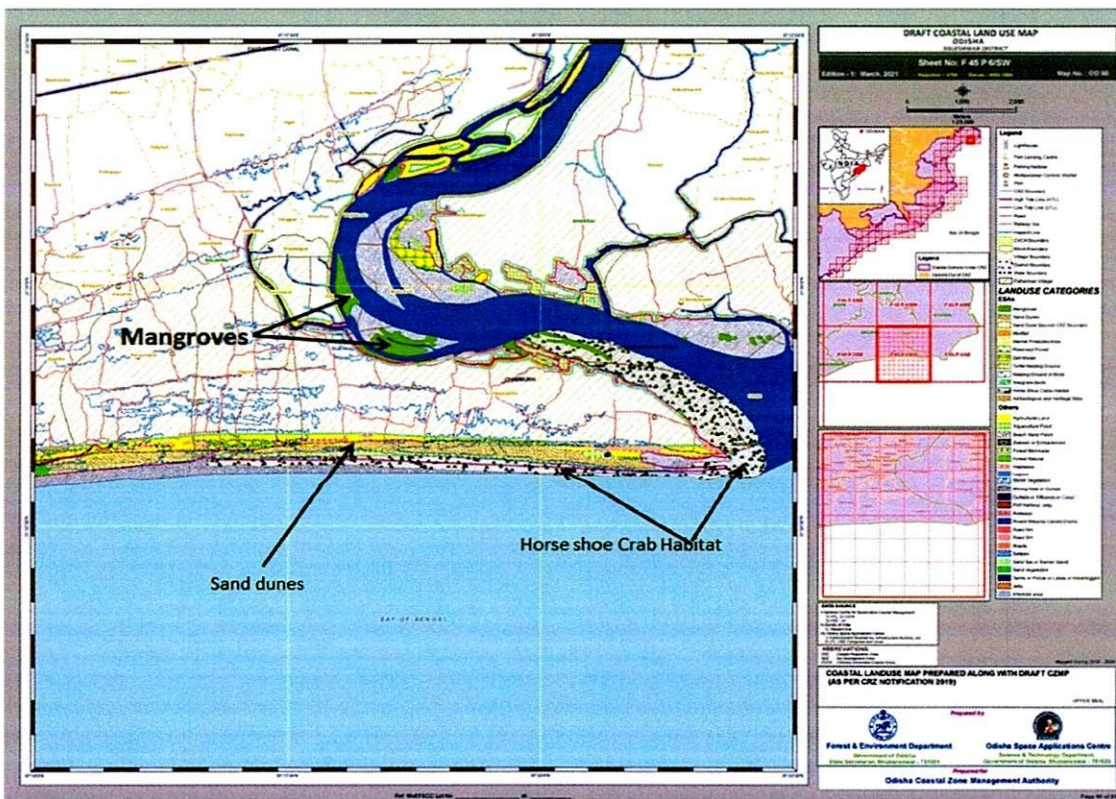
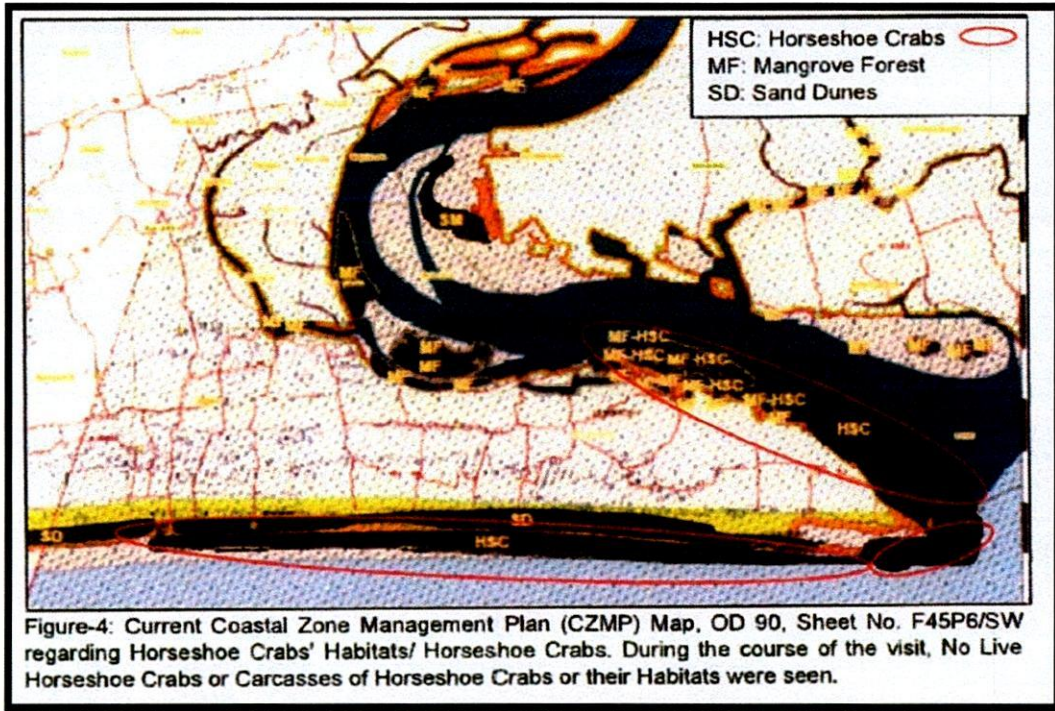
**A. Horse Shoe Crabs:**

CZMP 2011 & 2019: In the CZMP 2011 & 2019 map the area from Dagara Beach to Chaumukh Beach marked as IA due to the presence of Horse Shoe Crabs and their habitat.

**Observation of the Team:**

The team during their field visit did not notice any live horse shoe crabs or carcasses of Horseshoe Crabs or their habitats along the sea coast from Dagara Beach to Chaumukh Beach and on the riverbed of the right bank of the Subarnarekha River up to Kankadapal. During the course of discussion with the local villagers and fisherman they confirmed that they have never witnessed horseshoe crab in the above mentioned study area. In the published papers and report there is mention that Horse Shoe Crabs might have renounced the area due to disturbance to the habitat.





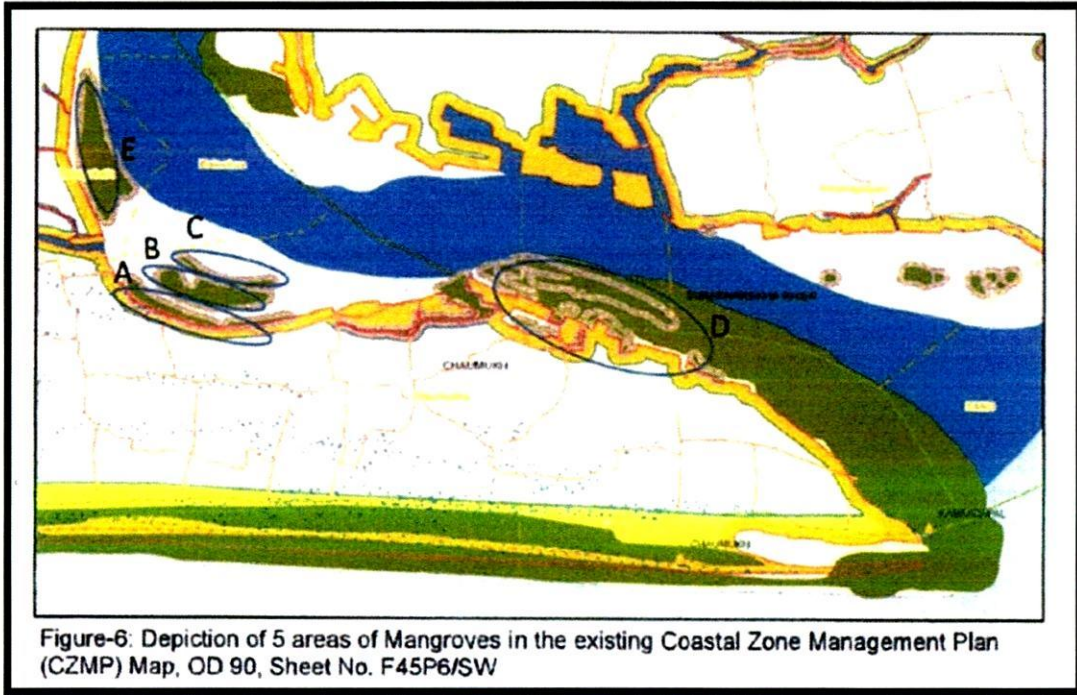
## B. Mangroves

CZMP 2011 & 2019: In the CZMP 2011 & 2019 map OD-90, Sheet no. F45P6/SW the patches of area from the river bank of Subarnarekha demarcated as blue circle marked as A, B, C, D & E of the study area are classified as CRZ-IA due to the presence of Mangroves.



### Observation of the Team:

Based on the observations made by the team during site visit, no mangroves were found in the area marked as A,D&E patches and only few mangrove saplings were observed in B & C patches.



Google map showing the Mangroves patches marked in the CZMP Map



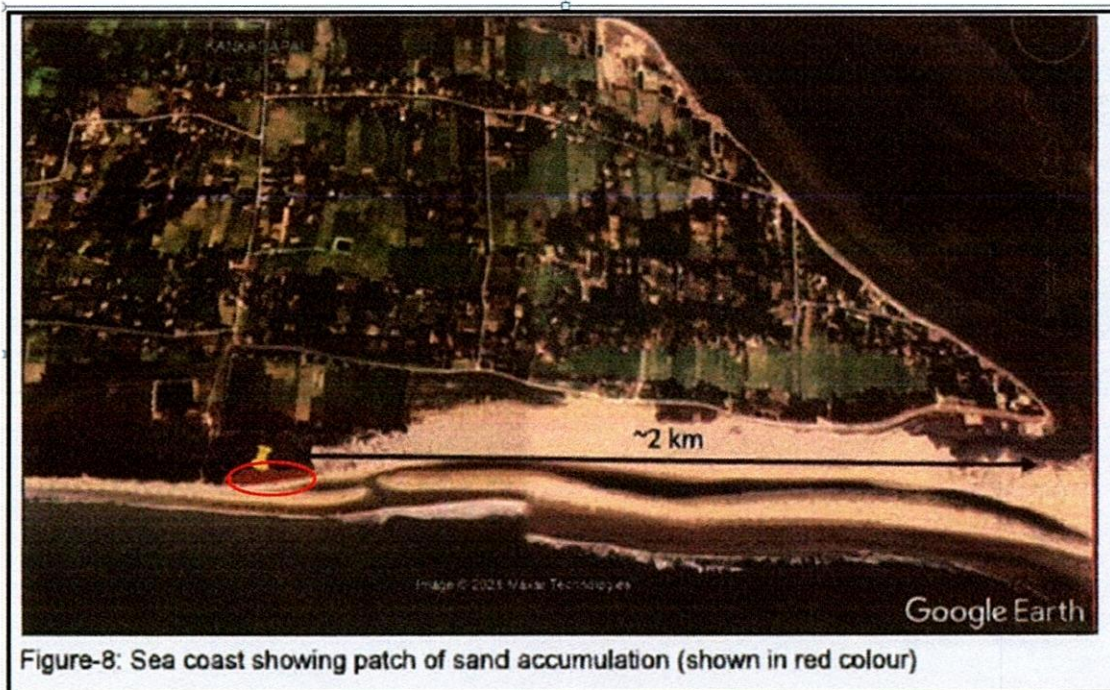
### C. Sand Dunes

CZMP 2011 & 2019: In the CZMP 2011 & 2019 map the area from Dagara Beach to Chaumukh Beach marked within yellow circles are classified as IA i.e. Ecologically Sensitive Area due to the presence of Sand Dunes.









The matter was placed before the 40<sup>th</sup> meeting of Odisha Coastal Zone Management Authority held on 30.03.2022 and considering of the field visit report of the team the Authority decided to recommend the proposal to National Centre for Sustainable Coastal Management (NCSCM) for further verification and ground truthing as per the Annexure-IV Para (7) "revision of Coastal Zone Management Plan" of CRZ Notification, 2019.

As decided, the proposal was submitted to the NCSCM vide Letter No.27 DT. 07.04.2021. A site inspection was carried out by the scientists of NCSCM, Chennai, & ORSAC Bhubaneswar on 27.5.2022. After the site inspection the NCSCM requested the Authority for submission of a report from PCCF Wildlife regarding the status of horse shores crab habitat within the Subarnarekha port area.

With response to the OCZMA letter dt 26.8.2022, PCCF (WL), Odisha in their letter no. 8323/4 WL -12/2022 dt. 16.9.2022 furnish the report which states that the there is no presence or habitat of Horse Shoe Crab, along the sea coast from Dagara Beach to Chaumukh Beach. The report was forwarded to NCSCM for necessary rectification of the map.

NCSCM, Chennai submitted the draft revised map No 90 vide email dt. 2.11.2022 for views and comments of OCZMA. The draft revised map prepared by NCSCM was communicated to the Subarnarekha Port Authority for their observations and OCZMA submitted some comments on the pre-draft CZMP map. NCSCM vide email dt. 28.11.2022 submitted the rectified draft CZMP Map No-90. (Copy Enclosed Annexure-I)







Authority examined the draft revised maps in detail and found to be in order and acknowledged the fact that as per MoEF & CC's guidelines, an elaborate process has been followed for rectification of the map. Accordingly, OCZMA considered recommending the draft revised map to NCSCM for finalization and further submission to the MoEF & CC for consideration of approval.

The meeting ended with vote of thanks to the chair and the members present.



Additional Chief Secretary to Govt.,  
Forest & Environment Department and  
Chairman, OCZMA

# 43<sup>rd</sup> meeting of the Odisha Coastal Zone Management Authority

Venue: - Virtual Mode (Ms Team)



Date: 30<sup>th</sup> November, 2022  
Time: 11:00 AM

Sl. No.	Participants
1.	Addl. Chief Secretary to Govt. Forest, Environment & Climate Change Department Government of Odisha - <b>CHAIRMAN</b>
2.	Special Secretary to Govt., Housing & Urban Development Department
3.	Director Environment-cum-Special Secretary to Govt., FE&CC Department and Member Secretary, OCZMA
4.	Member Secretary State Pollution Control Board, Odisha
5.	Dr. Ajit Pattnaik Retd. PCCF, Odisha
6.	Representative of CCF, Regional Office, MoEF&CC, Bhubaneswar
7.	Prof. P.K. Mohanty Prof. & Head, Dept. of Marine Science, Berhampur University
8.	Prof. K.C. Rath Prof. & Head, PG, Dept. of Geography, Utkal University
9.	M/s. Action for Protection of Wild Animals (APOWA), Kendrapada





**DRAFT COASTAL ZONE MANAGEMENT PLAN ODISHA**

**BALESHWAR DISTRICT** **REVISED**

**Sheet No: F 45 P 6/SW**

Edition - 2: November 2022    Projection :- UTM    Datum :- WGS 1984    Map No. : OD 90

Meters  
1:25,000

INDIA

Bay of Bengal

**Legend**

- Lighthouse
- Fish Landing Centre
- Fishing harbour
- Multipurpose Cyclone Shelter
- Port
- High Tide Line (HTL)
- Low Tide Line (LTL)
- Road
- Railway line
- Village Boundary
- Block Boundary
- District Boundary
- State Boundary
- Port Limit
- Jetty
- Seawall
- Fishermen Village

**CRZ Lines & Boundary**

- 20m CRZ Line for Islands
- 200 m CRZ Line - NDZ
- Hazard Line
- CVCA Boundary
- Sand Dune Beyond CRZ Boundary
- CRZ Boundary (500m Line, 50m for Bay, 50 m or width of the creek whichever is less along the tidal influenced water bodies)

**CRZ CATEGORY**

**CRZ - I**

- CRZ - IA
- 50m Mangrove Buffer Zone - CRZ IA
- CRZ - IB

**CRZ - II**

- CRZ - II

**CRZ - III**

- No Development Zone
- 200 m to 500 m from HTL - CRZ IIIB

**CRZ - IV**

- CRZ - IVB
- CRZ - IVA

**Note**

- 1) CRZ I areas are further classified on Land Use map and CZMP map shall be used along with Coastal Land Use map.
- 2) 50m Mangrove Buffer Zone is provided for both Government land and Private land.
- 3) ISLANDS: 20m CRZ Line from HTL is valid only after approval of IMP of the particular island. IMPs of the particular island shall be prepared by concerned States/UTs and got approved by MoEF&CC.

**DATA SOURCE**

- I) National Center for Sustainable Coastal Management
  - 1) HTL & LTL, 2) CVCA, 3) CRZ Lines
  - 4) CRZ - IA
- II) Survey of India
  - 1) Hazard Line
- III) Odisha Space Applications Centre
  - 1) Administrative Boundaries, Infrastructure facilities, etc

**ABBREVIATIONS**

CRZ : Coastal Regulation Zone  
 NDZ : No Development Zone  
 CVCA : Critically Vulnerable Coastal Areas

Mapped During 2022

**PREPARED AS PER COASTAL REGULATION ZONE NOTIFICATION, 2019**

Verified by	Certified by	Concurred by	Approved by

Prepared by

**National Centre for Sustainable Coastal Management**  
 (Ministry of Environment, Forest & Climate Change)  
 Chennai - 600 025

Prepared for

**Odisha Coastal Zone Management Authority**