

# COASTAL MANAGEMENT

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## Center for Marine Biodiversity in Jamnagar



*Hon'ble Minister of State (I/C) Shri Jairam Ramesh inaugurated the National Center for Marine Biodiversity in Jamnagar.*

With a growing emphasis on coastal and marine area management, it has now become inevitable to institutionalize a process for greater and in-depth research in the marine environment, to ensure that measured steps are taken in the direction for better and efficient management of the fast depleting marine resources. With this objective in mind, the MoEF, in collaboration with the Gujarat Ecology Commission, launched the National Centre for Marine Biodiversity (NCMB) in Jamnagar.

The Centre was launched by Hon'ble Minister, Shri Jairam Ramesh, Minister for Environment & Forests, Government of India, on 2<sup>nd</sup> March, 2011 during his visit to the Marine National Park & Sanctuary in Jamnagar. The NCMB will be a Public-Private-Partnership project.

The Centre envisions a long-term conservation and better management of coastal and marine biodiversity in India. Its overall mission is to support integrated management of coastal and marine biodiversity and ensure sustainable development and hazard risk management. The Centre aims at developing a repository of information on marine life to facilitate

marine biodiversity conservation and management in India. The Centre will also be instrumental in promoting world class research, education, awareness with respect to marine biodiversity conservation and ecological literacy.

## Conference on Public Grievance System Under ICZM Project in Gujarat

A one-day conference was organised by the Gujarat Ecology Commission in association with the State Legal Service Authority on 9<sup>th</sup> April in Jamnagar on public grievance system. The objective was to provide a forum for discussion on the grievance mechanism to be adopted under ICZM Project and to spread awareness on the importance of coastal zone management and natural resources. Hon'ble Justice A.L.Dave of the Gujarat High Court and 36 first class judicial officers of different districts of Gujarat and representatives from SICOM and World Bank participated to discuss best practices for public grievance implementation mechanism in the area of coastal and marine area management.



*Participants of the conference in Jamnagar*

The conference was designed to cover an extensive range of subjects including the CRZ Notification and ICZM policy, planning, management, coastal resources and social and

environmental impacts. The conference was a first-of-its-kind platform to be initiated in Gujarat, involving the judicial community in order to build an effective system for grievance redressal.

## Governing Council Board Meeting of SICOM

The 2<sup>nd</sup> and 3<sup>rd</sup> Governing Council (GC) meeting of SICOM was held on 17 and 21 March to review the progress of the ICZM Project and to consider the award of contract for Aerial Photography to map the hazard line through Survey of India. It was also resolved that due emphasis should be given to coastal and marine pollution and studies should be initiated through the State Governments to assess the pollution load in coastal areas.



Participants in the meeting chaired by Secretary (E & F)

## Coastal Hazard Line Mapping to Enhance Preparedness

Under the World Bank assisted Integrated Coastal Zone Management Project, MoEF has signed an agreement with Survey of India (DST), to map, delineate and demarcate the hazard line along India's 60,000 sq km coastal belt. The MoU for this project was signed on 12<sup>th</sup> May, 2010. The hazard line is a composite line of the shoreline changes (including sea level rise) due to climate change, tides and waves. The estimated cost of this survey is projected as Rs.125 crore.

The open tender invitation was given for prospective bidder to offer the bid for the Stereo Digital Aerial Photography (SDAP) as a first step. In response to this open tender, seven firms had submitted their bids. After evaluation, the order was recommended to be awarded to the lowest evaluated responsive bidder i.e. M/s IIC technologies, Hyderabad and a letter of acceptance and contract agreement was signed on

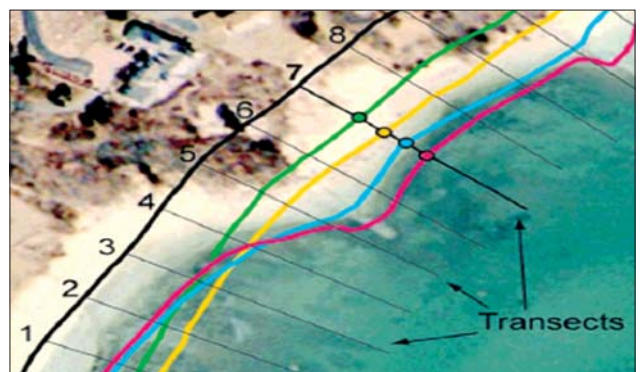


Hon'ble Minister of State (I/C) Shri Jairam Ramesh signed contract agreement with Survey of India for SDAP

8 April, 2011, in the presence of Hon'ble Minister of E&F. The duration of the project is 18 months.

This initiative of the MoEF, forms a critical part of its responsibilities towards the planned management of the country's coastal zone. This will include the collection and presentation of data, identifying flood lines over the last 40 years which include sea level rise impacts and a prediction of erosions to take place over the next 100 years.

For the purpose of SDAP, the Indian mainland coastline has been divided into eight blocks namely, (1) from the Indo-Pakistan border to Somnath in Gujarat; (2) Somnath to Ulhas river in Maharashtra; (3) Ulhas river to Sharavathi river in Karnataka; (4) Sharavathi River to Cape Comorin in Tamil Nadu; (5) Cape Comorin to Ponnaiyur river in Tamil Nadu; (6) Ponnaiyur river to Krishna river in Andhra Pradesh; (7) Krishna river to Chhatrapur in Orissa; and (8) Chhatrapur to Indo-Bangladesh boarder in West Bengal. Based on this, maps will be prepared in 1:10,000 scale and pillars will be erected demarcating the hazard line.



Coloured lines indicate shoreline extracted from multi-date satellite imageries and black lines perpendicular to the coast are the transect lines for shoreline changes in Gujarat.

## Constitution of Task Force for Conservation of Marine Biodiversity

The Ministry of Environment and Forests has constituted a task force for the conservation of marine biodiversity on 8 April, 2011 at SICOM, under the chairmanship of Hon'ble Minister of State for Environment and Forests.

The objectives of task force are as follows:

(i) Identification of gap areas in coastal and marine biodiversity (ecosystems, habitats and species) for conservation, (ii) Assess the existing capacity of institutions involved in coastal and marine biodiversity research, and to develop capacity on survey and monitoring of marine biodiversity, (iii) Study the Impacts of climate change and Invasive Alien Species (IAS) on coastal and marine biodiversity and (iv) Recommend strategies and action plans for marine biodiversity conservation.

## Publication for Notification Declaring Dandi and surrounding five Villages as Ecological Sensitive Areas

MoEF has issued the final notification declaring Dandi and surrounding five villages, namely, Sampore, Matwad, Onjal, Sultanpur and Aat as Ecologically Sensitive Areas under the EPA, 1986. The project is of the MoEF, and would be implemented by SICOM in collaboration with the Gujarat Ecology Commission (GEC) and Gujarat Vidyapith (GV). The objective of the GANDHI Project is for the overall development and conservation of the environment of Dandi



People engaged in Beach cleaning at Dandi, Gujarat

and its surrounding villages based on Gandhian teachings on environmental conservation and village development. The notification protects Dandi and adjacent five villages covering an area of 22586.46 hectares. The activity that was launched on 26 April, 2011 under the Green Actions for National Dandi Heritage Initiative (GANDHI) will be taken up under this notification.

## CRZ Corrigendum

A corrigendum to Coastal Regulation Zone Notification 2011 was published by the Ministry of Environment and Forests, on 29 March, 2011. The copy of the corrigendum is available in the Ministry's website: [www.moef.nic.in](http://www.moef.nic.in).

## Shoreline Change Atlas of Orissa Released by Hon'ble Minister



Atlas of Shore Line changes in Orissa released by Minister Shri Jairam Ramesh

Shri Jairam Ramesh, Hon'ble Minister, Environment & Forests, released the Shoreline Change Atlas of Orissa at Gupti, near Bhitarkanika, in the presence of fisherfolk, SHG members, Government officials, people's representatives, NGOs, print and electronic media representatives on 29 April, 2011. The Atlas contains precise interpretation of shoreline change of the State. The Institute of Ocean Management, Anna University, Chennai had prepared the maps.

The information will be extremely useful in providing an overview of areas that are likely to be more vulnerable to coastal erosion, identifying areas for development, conservation of coastal and marine resources and to safeguard coastal population from highly eroding and hazard areas.

## Launching of Fisheries Programme by Hon'ble Union Minister

Shri Jairam Ramesh, Hon'ble Minister of Environment and Forests, GoI, launched the fishery programme of ICZMP Orissa at Gupti, Kendrapara on 29 April, 2011. Ten SHGs of Kharinashi, Jambu, Talachuan and Rangani GP of Kendrapara district received the cheques of Rs. 50, 000/- each from the Hon'ble Minister.



Fisheries development programme launched by Shri Jairam Ramesh at Kendrapara district, Orissa

## Publications is Coastal Management

- Abstracts of research papers and articles related to coastal /marine area management, published during January-March 2011 in reputed National and International Journals/Periodicals may be mailed to sicommoef@gmail.com for incorporating in June 2011 issue of Coastal Management Newsletter.

## Important Conferences and Seminars in Coastal Management

- Coastal Zone Conference (Cz11) Organized by NoAA. may visit <http://www.doi.gov/initiatives/cz11/abstracts.htm>
- Innovative Coastal Zone Management: Sustainable Engineering for a Dynamic Coast, November 2011, may visit [www.ice\\_coastalmanagement.com](http://www.ice_coastalmanagement.com)

### Contact for Further Details

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- 20/20 Vision for the Coastal sessions learnt and looking toward future improvement, November 2011, may visit [www.coastalconference.com](http://www.coastalconference.com)

## Recruitment, Tenders, Advertisement of SICOM and State Project Management Units

- Staff requirement for SICOM is advertised in the Ministry's website [www.moef.nic.in](http://www.moef.nic.in)
- The staff requirement for NCSCM, Chennai is advertised in their website [www.ncscm.org](http://www.ncscm.org).
- The Staff requirement from the State Project Management Units of Gujarat, Orissa and West Bengal and various bid documents for the ICZM Project are available on the following website, Gujarat- [www.gcc.gov.in](http://www.gcc.gov.in), Orissa- [www.iczmpodisha.org](http://www.iczmpodisha.org) West Bengal- [www.iesm.org](http://www.iesm.org)

## Grievance Recording and Redressal Mechanism Contact Numbers

- West Bengal SPMU : 1800 345 2437 located at Institute of Environmental Studies and Wetland Management, DD-24, Sector-I, Salt Lake City, Kolkata-700064
- Gujarat SPMU: 1800 233 7069 located at Gujarat Ecology Commission, Block - 18, First Floor, Udhog Bhavan, Gandhinagar.
- Orissa SPMU: 18003456729 located at Department of Forest & Environment, Government of Orissa, Plot No. 108, Unit-VII, Surya Nagar, Bhubaneswar- 751003
- National Legal Services Authority will direct the State Legal Services Authorities of Gujarat, West Bengal and Orissa to instruct the District Level Services Authorities and Taluk Legal Services Committees having jurisdiction in the ICZM project areas to exercise vigil and to establish special legal aid clinics in the project areas for providing free legal services to all persons.

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