

## 1<sup>ST</sup> ADVISORY COMMITTEE MEETING TO REVIEW THE INCEPTION REPORT IN CONNECTION WITH THE REGIONAL COASTAL PROCESS STUDY (PRIMARY DATA COLLECTION)

18<sup>TH</sup> APRIL 2012

1<sup>st</sup> Advisory Committee Meeting constituted to monitor and guide the Regional Coastal Process Study (Primary Data Collection) under World Bank aided ICZM Project, Odisha was held on 18<sup>th</sup> April 2012 at SPMU office Bhubaneswar under the chairmanship of Dr. Ajit .Kumar Pattnaik, Project Director, ICZMP - Odisha. The members present in the meeting are listed at Annexue-1.



### **(Project Director of ICZMP Odisha giving the background of the study at the RCPS Advisory Committee Meeting)**

Considering the technical issues involved in the consultancy a technical advisory committee is constituted with the eminent scientists and experts from premier institutes of the country with good knowledge and experience in the field . At the outset the Project Director of ICZMP Odisha welcomed all the participants and presented the over view of the RCPS under ICZMP and the importance of the study. Dr. P.K.Panigrahy, Ocenographer of ICZMP-Odisha shared the broad outline of the ToR of the Regional Coastal Process Study.

The Inception Report and the Work Plan was presented by Dr. P. Chandramohan, Director, INDOMER the consultant for RCP. He shared elaborately the methodology and the strategy for accomplishing the task relating to three broad parameters viz. Coastal Energy Inputs, Coastal Sediments and Coastal geomorphology.



#### **(Members at the RCPS Advisory Committee Meeting of ICZMP Odisha)**

The inception report presented by INDOMER was deliberated at length by the committee. After the presentation all issues were discussed in great detail and the specific observations/ recommendations by the committee are as follows:

1. Deployment of instruments should be based on the sediment cell demarcation for the coast of Odisha.
2. Consultant to develop a preliminary model based on which the final locations of deployment could be decided.
3. The landward boundary of estuarine study should not be restricted to a salinity of up to 5ppt (during dry season)
4. The cut off point for estuarine studies may be up to the barrage or the nearest Dam. However, considering the ground reality it may not be possible for all estuaries.
5. In case of prevalence of Barrier Island, Beach, Lagoon it will be enough to collect at least one sample each from each system
6. Beach profiling should be carried out as per geomorphological units.
7. In case of non-availability of Benchmark from SOI, other Benchmarks available with Ports / PWD / Revenue Department etc. should be used and simultaneously steps should be taken to get the information from

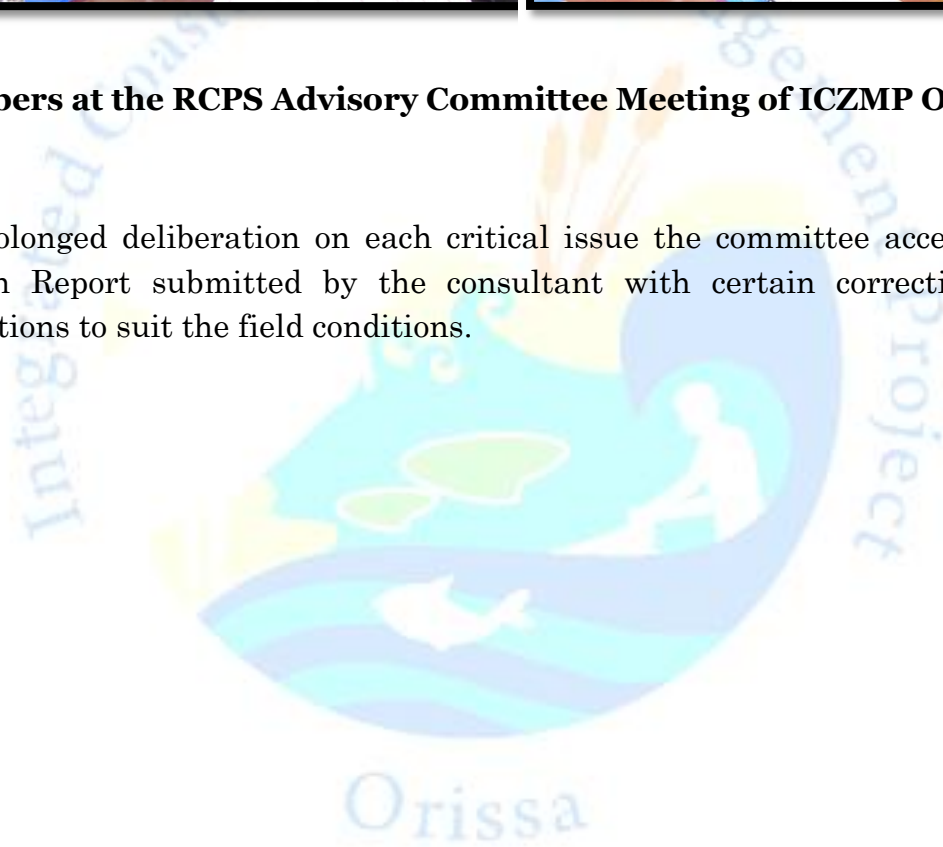
SOI. The working benchmark should be finalized after the availability of accurate data from SOI.

8. Regional coastal processes have a bearing on local processes and the study needs long term analysis.
9. The quality of the work suggested in ToR should not be changed in any condition during the RCPS. All the data generated for primary data collection should be incorporated in the GIS database besides excel format and specifically Bathymetry Data by using Auto CAD.
10. All data generated for RCPS should be accurate and data gaps and human errors should be minimized.
11. Based on the wave interaction model (by use of Mike – 21) the depth limit for Bathymetry should be decided.
12. There should be a mechanism to check the accuracy of the data to be generated for RCPS.
13. There should be a mechanism for validation of data to minimise the human error. It should be done through a set of quality parameters which is to be developed for the quality check.
14. The data generated by ICMAM, Berhampur University, NIO, INCOIS, Paradip Port Trust etc. along the Odisha coast are to be considered during the present study for finalisation of work plan. It needs to be ascertained whether the previous scientific data is comparable with the proposed study.
15. NCSCM would provide the sediment cell delineation information to the consultant.
16. The measurement sites (for Transformed wave characteristics near the wave breaking zone, surf zone measurements using LEO and the suspended sediment sampling sites) will be finalized jointly by NCSCM and INDOMER based on sediment cell delineation
17. In addition to the hydrographic survey and suspended sediment sampling, water samples for measurement of nutrients and other physico-chemical parameters (at the river-estuarine-marine interface) was recommended to understand the nutrient budgeting.
18. NCSCM will provide the shoreline change map for the coast of Odisha to the consultant for reference.
19. Synchronization of the RCPS must be done with the proposed deployment of data buoy by INCOIS.



**(Members at the RCPS Advisory Committee Meeting of ICZMP Odisha)**

After prolonged deliberation on each critical issue the committee accepted the Inception Report submitted by the consultant with certain corrections and modifications to suit the field conditions.



## ANNEX - 1

Sl. No.	Name	Address
1	Dr. Ajit Kumar Pattnaik	Project Director ICZMP – Odisha, State Project Management Unit 108, Surya Nagar Bhubaneswar, Odisha – 751007
2	Dr. M. Baba	Advanced Training Centre for Earth System Science & Climate, Indian Institute of Tropical Metrology Dr. Homi Bhabha Road, Pashan, Pune-411008
3	Dr. B.R. Subramanian	<b>ICMAM Project Directorate,</b> 2nd Floor, NIOT Campus, Velacherry- Tambaram Main Road, Pallikaranai, Chennai - 600100
4	Dr. K.V. Thomas	Centre for Earth Sciences Studies (CESS) Akkulam, Thiruvananthapuram- 695031 Kerala
5	Dr. S.S.C. Shenoi	Indian National Centre for Ocean Information Services (Ministry of Earth Science, Govt. of India) Ocean Vally, Pragathi Nagar BO, Nizampet SO, Hyderabad-500090
6	Prof. R. Ramesh	Institute of Ocean Management Anna University, Chennai-600025
7	Dr. M.R. Nayak	Head, Marine Instrumentation & Advisor to Director, NIO, Goa and Advisor to Director, NAL, B'lore, 105, Vishnu Enclave, B/H SKR Conv Centre, Toobarahalli, Varthur Rd, Bangalore-560066
8	Dr. V. Sanil Kumar	National Institute of Oceanography (NIO) Dona Paula, Goa-403004
9	Chief executive	Orissa Space Applications Centre (ORSAC) 45/48(P), Jayadev Vihar, Near Gopabandhu Academy of Administration, Unit -16, Bhubaneswar-751023.
10	Dr. Basant Ku. Jena	Dr. Basant Ku. Jena Scientist – E Coastal and Environmental Division National Institute of Ocean Technology (NIOT) NIOT Campus, Velachery – Tambaram Main Road, Pallikaranai