

Capacity Building of Government Officials under Integrated Coastal Zone Management Project

January 1-8, 2013

Venue: Indian Institute of Technology (IIT), Kharagpur



Program participants

One of the ICZMP's major goals is capacity building of all stakeholders by way of knowledge and practice based-methods and activities. In pursuit of this objective, GEC (ICZMP-SPMU Gujarat) organized a training programme at the prestigious IIT Kharagpur. The training program aimed to build capacity of government officials who are working in coastal areas and/or on related issues about Integrated Coastal Zone Management.

A total of 24 State Govt. officials from Gujarat and other States participated in the training. The program commenced on January 1st 2014 and concluded on January

8th 2014. The training was centred around an integrated module developed by GEC on the ICZMP.

Some topics covered in the program were:

1. Coastal bio-geochemical processes
2. Physical processes in coastal areas and Estuaries
3. Marine Pollution
4. Bio-physical and physico-chemical monitoring of coastal and Estuarine waters
5. Coastal & Estuaries Fisheries Management

Dr. Prasad K. Bhashkaran (Associate Professor), Department of Ocean Engineering and Naval Architecture) is looking after all coordination related to the program. Prof. Sahoo (HOD, Department of Ocean Engineering and Naval Architecture) and Prof. O.P. Shah (Din of the Continue Education Program, IIT) attended the inauguration function along with all course faculty members on 01/01/2014.

The training programme helped build an increased level of capacity of the State government officials working in the coastal areas in terms of knowledge and skill development under Coastal Zone Management.

The second batch of the training programme is scheduled from February 20th to 27th, 2014. GEC aims to train 200 State Government Officials within the ICZM Project's tenure.



**INTEGRATED TRAINING MODULE
UNDER ICZMP WITH
GUJARAT PERSPECTIVE**



*01-08 January, 2014, IIT Kharagpur, India
(First Batch)*

DAY - 1

01 January, 2014 (Wednesday)	
09:00 – 09:30	Registration
09:30 – 10:00	Inauguration
10:00 – 10:15	Tea/Coffee
10:15 - 11:15	Geological Processes & Coastal Geomorphology - Prof. P.K. Bhaskaran, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
11:15 - 12:30	Importance of Inter-tidal zone in Gujarat - Prof. P.K. Bhaskaran, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
12:30 - 14:15	Lunch Break
14:15 - 15:15	Coastal Processes - Prof. T. Sahoo, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
15:15 - 16:15	Coastal Processes - Prof. T. Sahoo, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
16:15 – 16:30	Tea/Coffee
16:30 - 17:30	EEZ of India & Gujarat - Prof. K.D. Raju, Rajiv Gandhi School of Intellectual Property Law, IIT Kharagpur



DAY - 2



02 January, 2014 (Thursday)	
09:15 - 10:15	Coastal bio-geochemical processes - Prof. J. Bhattacharjee, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
10:15 - 11:15	Coastal bio-geochemical processes - Prof. J. Bhattacharjee, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
11:15 - 11:30	Tea/Coffee
11:30 - 12:30	Physical processes in coastal areas and Estuaries - Prof. P.K. Bhaskaran, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
12:30 - 14:15	Lunch Break
14:15 - 15:15	Coastal bio-geochemical processes - Prof. J. Bhattacharjee, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
15:15 - 16:15	Marine Pollution - Prof. J. Bhattacharjee, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
16:15 - 16:30	Tea/Coffee
16:30 - 17:30	Physical processes in coastal areas and Estuaries - Prof. P.K. Bhaskaran, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur



DAY - 3



03 January, 2014 (Friday)

09:15 - 10:15	CZM: an overview with w.r.t. India and Gujarat - Prof. M.D. Behera, CORAL, IIT Kharagpur
10:15 - 11:15	CZM: an overview with w.r.t. India and Gujarat - Prof. M.D. Behera, CORAL, IIT Kharagpur
11:15 - 11:30	Tea/Coffee
11:30 - 12:30	Coastal & Estuaries Fisheries Management - Prof. C.K. Mukherjee, Agricultural & Food Engineering, IIT Kharagpur
12:30 - 14:15	Lunch Break
14:15 - 15:15	EEZ of India & Gujarat - Prof. K.D. Raju, Rajiv Gandhi School of Intellectual Property Law, IIT Kharagpur
15:15 - 16:15	CRZ Mechanism of functioning coastal zone authorities - Prof. K.D. Raju, Rajiv Gandhi School of Intellectual Property Law, IIT Kharagpur
16:15 - 16:30	Tea/Coffee
16:30 - 17:30	Remote Sensing - Prof. Mihir K. Dash, CORAL, IIT Kharagpur



DAY - 4



04 January, 2014 (Saturday)	
09:15 - 10:15	Marine Pollution - Prof. J. Bhattacharjee, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
10:15 - 11:15	Marine Pollution and Mitigation Strategies - Prof. J. Bhattacharjee, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
11:15 - 11:30	Tea/Coffee
11:30 - 12:30	Remote Sensing - Prof. Mihir K. Dash, CORAL, IIT Kharagpur
12:30 - 14:15	Lunch Break
14:15 - 15:15	Physical processes in coastal areas and Estuaries - Prof. P.K. Bhaskaran, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
15:15 - 16:15	GIS & DSS as tools for ICZM - Prof. M.D. Behera, CORAL, IIT Kharagpur
16:15 - 16:30	Tea/Coffee
16:30 - 17:30	Remote Sensing - Prof. Mihir K. Dash, CORAL, IIT Kharagpur



DAY - 5



06 January, 2014 (Monday)	
09:15 - 10:15	Coastal & Estuaries Fisheries Management - Prof. C.K. Mukherjee, Agricultural & Food Engineering, IIT Kharagpur
10:15 - 11:15	Coastal & Estuaries Fisheries Management - Prof. C.K. Mukherjee, Agricultural & Food Engineering, IIT Kharagpur
11:15 - 11:30	Tea/Coffee
11:30 - 12:30	LULC Change, Coastal Biodiversity and Assessment - Prof. M.D. Behera, CORAL, IIT Kharagpur
12:30 - 14:15	Lunch Break
14:15 - 15:15	CRZ Mechanism of functioning coastal zone authorities - Prof. K.D. Raju, Rajiv Gandhi School of Intellectual Property Law, IIT Kharagpur
15:15 - 16:15	CRZ classification - Prof. K.D. Raju, Rajiv Gandhi School of Intellectual Property Law, IIT Kharagpur
16:15 - 16:30	Tea/Coffee
16:30 - 17:30	Bio-physical and physico-chemical monitoring of coastal and estuarine waters - Prof. M.D. Behera, CORAL, IIT Kharagpur



DAY - 6



07 January, 2014 (Tuesday)	
09:15 - 10:15	Coastal Processes - Prof. T. Sahoo, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
10:15 - 11:15	Coastal Processes - Prof. T. Sahoo, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
11:15 - 11:30	Tea/Coffee
11:30 - 12:30	Coastal & Estuaries Fisheries Management - Prof. C.K. Mukherjee, Agricultural & Food Engineering, IIT Kharagpur
12:30 - 14:15	Lunch Break
14:15 - 15:15	CRZ classification - Prof. K.D. Raju, Rajiv Gandhi School of Intellectual Property Law, IIT Kharagpur
15:15 - 16:15	Remote Sensing - Prof. Mihir K. Dash, CORAL, IIT Kharagpur
16:15 - 16:30	Tea/Coffee
16:30 - 17:30	Physical processes in coastal areas and Estuaries - Prof. P.K. Bhaskaran, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur



DAY - 7



08January, 2014 (Wednesday)

09:15 - 10:15	Coastal Processes - Prof. T. Sahoo, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
10:15 - 11:15	Coastal Processes - Prof. T. Sahoo, Department of Ocean Engineering & Naval Architecture, IIT Kharagpur
11:15 - 11:30	Tea/Coffee
11:30 - 12:30	Techniques for biodiversity assessment - Prof. M.D. Behera, CORAL, IIT Kharagpur
12:30 - 14:15	Lunch Break
14:15 - 15:15	Coral reefs impacts and monitoring - Prof. Mihir K. Dash, CORAL, IIT Kharagpur
15:15 - 16:15	Mangrove monitoring - Prof. Mihir K. Dash, CORAL, IIT Kharagpur
16:15 - 16:30	Tea/Coffee
16:30 - 17:30	Valedictory Session