

OceanTeacher Global Academy (OTGA)

Training Course: GIS Applications for Coastal Zone Management

28 August – 1 September 2017

ITCOcean/INCOIS, Hyderabad, India

INCOIS

Overview

The course provides an overview and hands on GIS applications pertaining to coastal zone using ArcGIS software. This comprises the data acquisition, processing, analysis and interpretation of spatial data. The applications of this course are aimed at producing inputs useful for the coastal zone management.

Aims and Objectives

- To provide an introduction to GIS for marine applications
- Utilization of open source spatial data
- To provide hands on GIS applications pertaining to the coastal zone

Learning Outcomes

- Knowledge and understanding of GIS, spatial data, raster and vector models
- Core tasks involved in the GIS analysis process including data acquisition, manipulation and analysis, and presentation and output
- Core functionality of ArcMap, Arc Catalogue and Arc Toolbox
- Creating and editing spatial data
- Awareness of coastal GIS data and applications

Target Audience

Target audience includes, but are not limited to, the following:

- Ocean and coastal data managers
- Staff and researchers working on marine GIS applications
- University graduates

NOTE: priority will be given to participants originating from the Indian Ocean Rim countries. Limited funding (including travel grants) for participation is available for researchers from developing countries. No registration fee is required. UNESCO is committed to promote gender equality. Therefore, applications from women candidates are strongly encouraged.

Course Pre-requisites:

- Candidates should have a working knowledge of marine data and formats and preferably be working in institution which is responsible for the management of marine data
- This training course is not an introduction to GIS so candidates are expected to have some previous experience in the use of GIS
- Working knowledge of the English language

A Certificate of Participation will be issued to all successful students.

Course dates:

28 August – 1 September 2017

Duration: 5 working days

(~ 30 hours classroom sessions)

Course Venue:

Indian National Centre for Ocean Information Services (INCOIS)
Hyderabad, India

Lecturers:

R. S. Mahendra
N. Kiran Kumar
P. C. Mohanty
Sai P. Bharadwaj

Application process:

Please fill the online application form:

<https://otga.wufoo.eu/forms/mk4a6as0x3uayc/>

Period for Applications:

13 April – 31 May 2017

All information available at:

http://www.iode.org/index.php?option=com_oe&task=viewEventRecord&ventID=2020

In case of questions contact:

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Useful sites:

- www.iode.org
- www.oceanteacher.org
- www.oceanexpert.net