



Training Course Agenda

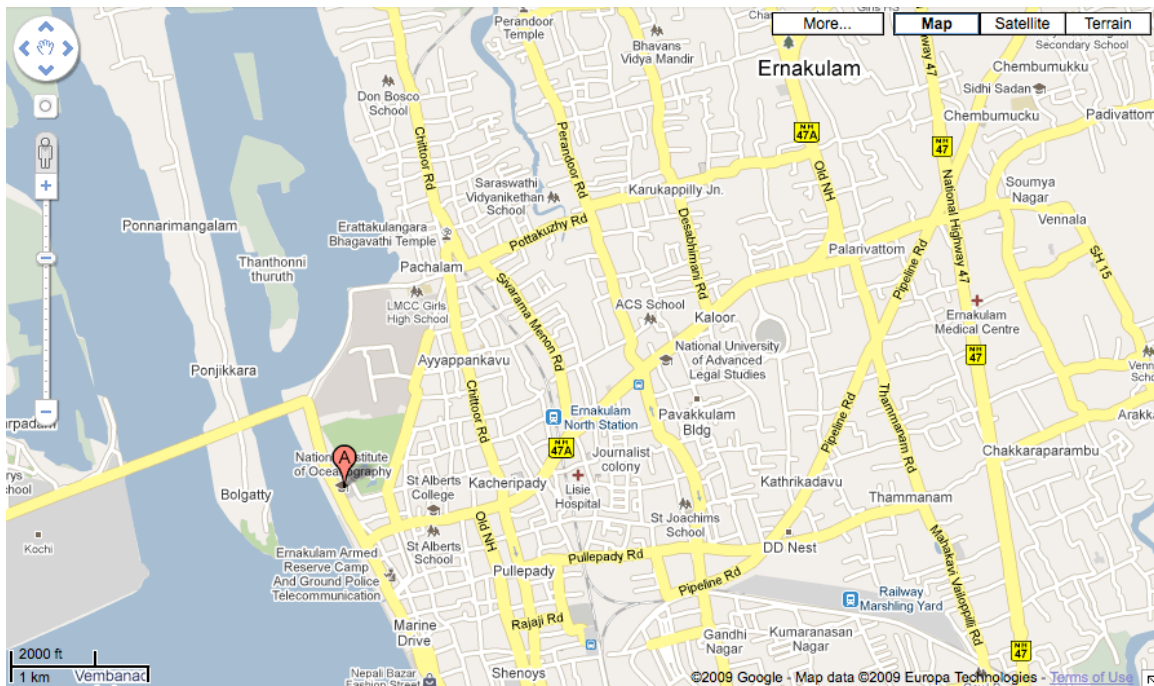
Remote Sensing and Ecosystem-Based Management, Including Fisheries

Regional Centre, National Institute of Oceanography, Kochi

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February 11th - 13th, 2010

NOTE: The registration for this course has far exceeded expectations. It will be necessary to divide the group according to the experience and level of the participants. For this reason, it will be advisable, and appreciated, if participants will arrive well before the advertised starting time.



February 11

Welcome and Introduction

- 09:00 Welcome
- 09:10 Self introduction of Participants
- 09:20 Introduction to the Course

Session 1: General Introduction to Remote Sensing and Fisheries

- 09:30 What is ocean colour?
- 10:15 What can we learn from ocean colour? (Overview)

- 11:00 Coffee

- 11:30 What relevance is ocean colour to biology of exploited stocks?
- 12:15 What relevance has ocean colour to fish harvesting?

- 13:00 Lunch

Session 2: Practicals: Satellite Data

- 14:00 Indian Ocean-Colour Sensors
- 14:30 Demonstration: satellite data extraction and utilisation

- 15:30 Coffee

- 16:00 Other Ocean-Colour Sensors:
- 16:30 Demonstration: satellite data extraction and utilisation (continued)

- 17:30 Close for the day

12 February

Session 3: Ocean Colour Applications for Fisheries

- 09:30 Ocean colour and phytoplankton pigments
- 10:15 Ocean colour and primary production
- 11:00 Coffee

- 11:30 Biogeochemical provinces
- 12:15 Time series and ecological indicators

- 13:00 Lunch

Session 4: Field Measurements Complementary to Ocean Colour

- 14:00 Phytoplankton pigments and absorption coefficient
- 14:30 Primary production

16:00 Demonstration: Measurements of phytoplankton pigments by HPLC, photosynthesis-irradiance parameters, and light absorption by phytoplankton (trainees will be split into groups and will rotate through the three demonstrations)

15:30 Coffee

16:00 Demonstration: Measurements of phytoplankton pigments by HPLC, photosynthesis-irradiance parameters, and light absorption by phytoplankton (continued)

17:30 Close for the day

February 13

Session 5: Ocean Colour Applications for Fisheries (Continued)

09:30 Physical oceanography and fisheries

10:15 Potential fishing zones

11:00 Coffee

11:30 Harmful algal blooms

12:15 Use of remote-sensing in ecosystem-based management

13:00 Lunch

Session 6: Practicals: Satellite Data

14:00 Utilization of ocean colour images for fishery application

15:30 Coffee

16:00 Discussion: What could be the next steps?

17:30 Close for the day