

International Training Centre for Operational Oceanography (ITCOcean)  
Indian National Centre for Ocean Information Services (INCOIS)  
Hyderabad, India

**" Training course for Oman operators in early warning systems of Tsunami "**  
**during 11-22 December 2023**

**Tentative Agenda**

Day	Time (hrs)	Topic
11 Dec 2023 (Day-1)	1000-1300	<ul style="list-style-type: none"> <li>- Inaugural Session</li> <li>- Overview of INCOIS Activities by Mr. M. Nagaraja Kumar</li> <li>- Overview of Oman National Early Warning Centre activities by Rep. of NMHEWS, Oman</li> </ul>
	1300-1400	- Lunch Break
	1400-1630	<ul style="list-style-type: none"> <li>- Basics of Seismology by Dr. Ch. Patanjali Kumar</li> <li>- Seismic Networks by Dr. Ch. Patanjali Kumar</li> </ul>
12 Dec 2023 (Day-2)	1000-1300	<ul style="list-style-type: none"> <li>- Earthquakes auto location by Dr. Dipankar Saikia</li> <li>- Earthquake Source parameters Dr. Dipankar Saikia</li> <li>- Sea Level Observations by Dr. B. Ajay Kumar</li> </ul>
	1300-1400	- Lunch Break
	1400-1630	<ul style="list-style-type: none"> <li>- Hands-on session Seismic waveforms/analysis of earthquake by Dr. Dipankar Saikia</li> <li>- Hands-on session Sea level data analysis by Dr. B. Ajay Kumar</li> </ul>
13 Dec 2023 (Day-3)	1000-1300	<ul style="list-style-type: none"> <li>- Basics of Tsunami Modelling by Dr. Ch. Patanjali Kumar</li> <li>- Tsunami Modelling by Dr. Ch. Patanjali Kumar</li> </ul>
	1300-1400	- Lunch Break
	1400-1630	- Hands-on on Tsunami Modelling by Dr. Ch. Patanjali Kumar
14 Dec 2023 (Day-4)	1000-1300	<ul style="list-style-type: none"> <li>- Tsunami SOPs by Mr. J. Padmanabham</li> <li>- Tsunami Bulletins &amp; Formats by Mr. J. Padmanabham</li> <li>- Dissemination of Tsunami Bulletins by Mr. J. Padmanabham</li> </ul>
	1300-1400	- Lunch Break
	1400-1630	- Generation of Tsunami Bulletins through DSS by Dr. Ch. Patanjali Kumar and Mr. J. Padmanabham
15 Dec 2023 (Day-5)	1000-1300	<ul style="list-style-type: none"> <li>- Routine operations during Event and Non-event by Dr. B. Ajay Kumar</li> <li>- TSP Services as part ICG/IOTWMS of UNESCO by Dr. B. Ajay Kumar</li> <li>- UNESCO Tsunami Ready Programme by Dr. B. Ajay Kumar</li> </ul>
	1300-1400	- Lunch Break
	1400-1630	- Visit to INCOIS Labs by coordinator.

18 Dec 2023 (Day-6)	1000-1300	<ul style="list-style-type: none"> <li>- Storm Surge Modelling by Dr. K. Siva Srinivas</li> <li>- Storm Surge Forecast by Dr. K. Siva Srinivas</li> </ul>
	1300-1400	<ul style="list-style-type: none"> <li>- Lunch Break</li> </ul>
	1400-1630	<ul style="list-style-type: none"> <li>- Hands-on session Storm Surge bulletins by Dr. K. Siva Srinivas and Mr. J. Padmanabham</li> </ul>
19 Dec 2023 (Day-7)	1000-1300	<ul style="list-style-type: none"> <li>- Introduction to the Vulnerability Mapping by Dr. Prakash Mohanty</li> <li>- CVI Mapping by Dr. Prakash Mohanty</li> </ul>
	1300-1400	<ul style="list-style-type: none"> <li>- Lunch Break</li> </ul>
	1400-1630	<ul style="list-style-type: none"> <li>- Hands-on session Vulnerability Mapping by Dr. Prakash Mohanty</li> </ul>
20 Dec 2023 (Day-8)	1000-1300	<ul style="list-style-type: none"> <li>- Introduction to Multi-hazard by Dr. Prakash Mohanty</li> <li>- Multi-hazard Vulnerability Mapping by Dr. Prakash Mohanty</li> </ul>
	1300-1400	<ul style="list-style-type: none"> <li>- Lunch Break</li> </ul>
	1400-1630	<ul style="list-style-type: none"> <li>- Hands-on session Multi-hazard Mapping by Dr. Prakash Mohanty</li> </ul>
21 Dec 2023 (Day-9)	1000-1300	<ul style="list-style-type: none"> <li>- Tsunami Hazard and Inundation Mapping by Mr. R.S. Mahendra</li> </ul>
	1300-1400	<ul style="list-style-type: none"> <li>- Lunch Break</li> </ul>
	1400-1630	<ul style="list-style-type: none"> <li>- Hands-on session Tsunami Inundation Mapping by Mr. R.S. Mahendra</li> </ul>
22 Dec 2023 (Day-10)	1000-1300	<ul style="list-style-type: none"> <li>- Indian Ocean Forecast System by Rep. from modelling team</li> <li>- Presentations on Oil Spill/ SARAT/SVAS and others by Dr. S.J. Prasad/Dr. P. Vijay</li> </ul>
	1300-1400	<ul style="list-style-type: none"> <li>- Lunch Break</li> </ul>
	1400-1630	<ul style="list-style-type: none"> <li>- Feedback/ Discussions</li> <li>- Certificate presentations</li> <li>- Concluding remarks</li> </ul>