

About Workshop

The IIRS outreach programme, which started in 2007 with 12 universities/ institutions has now grown substantially. Currently, about 730 universities / institutions spread across India are networked with IIRS. The online workshop is latest addition to the IIRS distance learning activities. The second online workshop in this mode is being organized on "Geo Spatial Technologies and Sendai framework for Disaster Risk Reduction". Earth observation data and geospatial technology can be an important tool in addressing the Sendai Framework priorities. The workshop on Geo Spatial Technologies and Sendai framework for Disaster Risk Reduction (SFDRR) will provide an overview of Sendai framework and the role of geospatial technologies (RS & GIS) in implementing and addressing the priority areas outlined in SFDRR.

Workshop Outline

This online workshop will cover following topics:

- Overview of Sendai Framework for disaster risk reduction (SFDRR), 2015-2030 and Earth observation to support SFDRR
- Disaster Management Plan implementation in India with special emphasis on SFDRR and Geospatial inputs
- Space enabled information role in implementing SFDRR
- Role of Satellite Communication in DRR
- MOSDAC and VEDAS web enabled services for disaster early warning and preparedness
- Operational rapid disaster response, monitoring and mitigation using NDEM (version 3.0) and NDEM Public (Bhuvan)- Overview of the products/services

Finally a group panel discussion will be conducted with all online users and expert panel

Target Participants

The course is designed for professionals from Central / State Govt. / Private Organizations / NGO/ students & researchers engaged in disaster management related activities.

Expected Outcome

The workshop will be instrumental in raising awareness on the Sendai Framework targets and priorities and role of space based information for disaster risk reduction by enabling interaction among professionals from Central / State Govt. / Private Organizations / NGO & wide range of stakeholders at all levels engaged in disaster monitoring and mitigation activities including students and researchers involved in disaster related studies.

Workshop Registration

- Course updates and other details will be available on URL- <http://www.iirs.gov.in/Edusat-News/>
- To participate in this programme the interested organizations/ universities/ departments/ Institutes has to identify a coordinator at their end. The identified coordinator will register online his/her Institute as nodal center in IIRS website.
- All the participants has to register online through registration page by selecting his/her organization as nodal center.

Workshop Reception

Programme can be received through Internet connectivity of 2Mbps or better. Following hardware and software set-up is required at user end:

Hardware Requirements :

- High-end Computer/Laptop (Windows OS);
- Good quality web camera ;
- Headphone with Microphone;
- Speakers ;
- Large Display Screen (Projector or TV) .

Software and Internet Requirements:

- Desktop based: A-VIEW software (free to download from www.aview.in or IIRS ftp link: <ftp://ftp.iirs.gov.in>)
- Online live access through <http://live.iirs.gov.in> with free registration.

Connectivity & Other configurations:

- NKN or any other high speed internet facility (preferably without firewall, with minimum of 2 Mbps bandwidth)
- Network requirements: Port 80 and RTMP (port 1935) protocol should be unblocked from user's computer and Firewall.

Contact Details

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IIRS Outreach Programme



Workshop on "Geo Spatial Technologies and Sendai framework for Disaster Risk Reduction"

July 10, 2018



Organised by

Indian Institute of Remote Sensing
Indian Space Research Organisation
Department of Space, Govt. of India
4 Kalidas Road, Dehradun 248001

www.iirs.gov.in