

About IIRS

Indian Institute of Remote Sensing (IIRS), a unit of Indian Space Research Organisation (ISRO), is a premier institute for capacity building and research in the field of Remote Sensing and Geoinformatics. Since its establishment in 1966, IIRS is a key player for training and capacity building in geospatial technology and its applications through training, education and research in Southeast Asia. The Institute has a multi-disciplinary and problem oriented research agenda focusing on developing land-ocean-atmosphere applications and understanding Earth's surface and subsurface processes using primarily the space-based technologies. The research programmes are intricately linked to overall goal of ISRO towards operationalisation of space-based services for national development.

About Workshop

The workshop on Status, Challenges and Opportunities for Geospatial Technology Applications in Irrigation Water Management (IWM) is being organized to provide an overview of applications of geospatial technology for various aspects of IWM. The main aim of this workshop is to spread awareness about importance and capabilities of geospatial technology in the field of Irrigation, its use in planning & monitoring of irrigation projects, estimation of irrigation water requirement and performance evaluation of the projects. It will provide platform to start an interaction between main stakeholders such as government agencies, academia, industry and NGO's for utilizing geospatial technology in improving the status of irrigation sector.

Workshop Outline

The workshop will cover following topics related to satellite altimetry.

- Status of Irrigation sector in India and challenges
- Command area mapping- ISRO's initiatives
- Geospatial technology of estimation of irrigation water management.
- Role of IOT and geospatial technology in irrigation sector- a way forward.

Workshop Fee

There is no course fee for attending this workshop.

Target Participants

The course is designed for professionals from Central / State Govt. / Private Organizations / NGO engaged in water resources management, irrigation or agricultural section; students and researchers aligned to research in irrigation water management.

Expected Outcome

After completion of the workshop participants will be familiarize with different applications of geospatial technology in irrigation water management and will also get to know the future of this sector.

Workshop Registration

- Course updates and other details will be available on URL- <http://www.iirs.gov.in/Edusat-News>
- All the participants has to register online through registration page available on above web page link.

How to Attend Workshop

- Individuals can attend the course live via any web browser through the e-class portal of IIRS, Dehradun i.e. <https://eclass.iirs.gov.in>
- The participants can also attend the live workshop via the YouTube channel of IIRS i.e. <https://www.youtube.com/user/edusat2004>

Contact Details

Dr. Praveen K. Thakur
Course Director
WRD, IIRS Dehrdaun

Dr. Bhaskar R. Nikam
Course Coordinator
WRD, IIRS Dehardun

Dr. Poonam S Tiwari
Programme Coordinator
IIRS Outreach Programme

IIRS DLP Team
Mr. Janardan Vishwakarma
&
Mr. Ashok Ghildiyal
Tel: 0135-2524130
Email- dlp@iirs.gov.in

IIRS Outreach Programme

One Day Workshop on Status, Challenges and Opportunities for Geospatial Technology Applications in Irrigation Water Management May 17, 2022



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