

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 "Water Quality Studies using Hyperspectral Remote Sensing for the Indian Coastal and Inland Waters" is being organized to provide an overview of applications of hyperspectral remote sensing technology for various water quality studies. The main aim of this workshop is to spread awareness about importance and capabilities of geospatial technology, especially the hyperspectral remote sensing in the field of mapping water quality of Coastal and Inland waters. It will provide platform to start an interaction between main stakeholders such as government agencies, academia, industry and NGO's on utilizing geospatial technology for water quality mapping.

Workshop Outline

The workshop will cover following topics :

- Basics of hyperspectral remote sensing
- Processing of hyperspectral remote sensing data
- Coastal water quality mapping using hyperspectral remote sensing data
- Inland water quality mapping using hyperspectral remote sensing data
- Overview of Water Body Information System (Bhuvan NRSC)

The workshop will be followed by a panel discussion

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, students and researchers aligned to research in water quality studies.

Expected Outcome

After completion of the workshop participants will be familiarized with different applications of geospatial technology in mapping water quality parameters and will also get to know the future of this field of study.

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>

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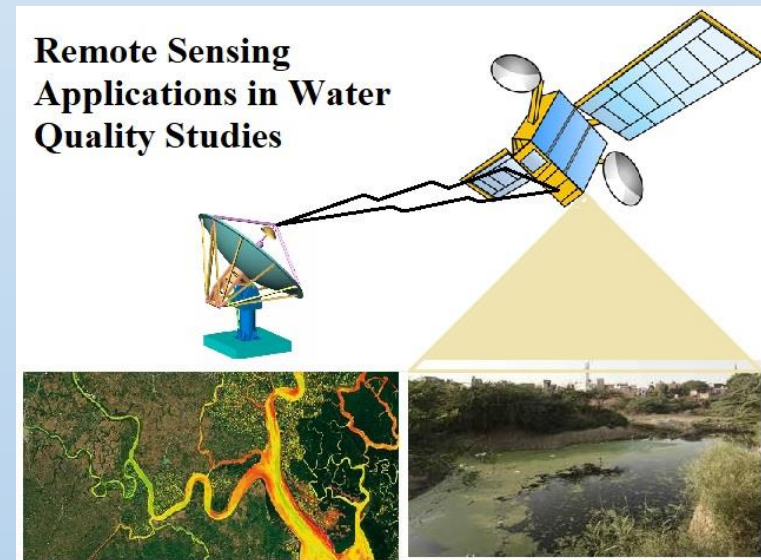
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IIRS Outreach Programme

One Day Workshop on

Water Quality Studies using Hyperspectral Remote Sensing for the Indian Coastal and Inland Waters

August 05, 2022



Organised by

Indian Institute of Remote Sensing
Indian Space Research Organisation
Department of Space, Govt. of India
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