About the Workshop

The online workshop is latest addition to the IIRS distance learning activities. This online workshop is being organized for highlighting the potential of microwave remote sensing data for flood hazard mapping and monitoring. The all weather capability and day and night time imaging from microwave SAR sensor systems has emerged as one of major support for mapping and monitoring of dynamic events like flood hazard. The focus of the workshop will be appraising participants about the basic concepts and terminologies, accessing data and software using open sources including processing and analyzing of SAR data through case studies and demonstrations.

Workshop Content and Outline

This online workshop will cover following topics:

- Overview and basic concepts of SAR
- SAR application for flood hazard mapping
- Access to SAR data and processing S/W
- Processing of SAR data
- SAR based flood hazard mapping

Expected Outcome

The workshop will help the professionals from Central / State Govt. / Private Organizations / NGO engaged in flood hazard management to better understand the basics concepts of SAR, accessibility of SAR data, open source software tools and platforms for processing and mapping of flood hazard.

How to register for workshop

Course updates and other details are available at URL- http://www.iirs.gov.in/Edusat-News/. All the participants have to register online through registration page available on above web link.

How to attend the Workshop

- Individuals can attend the course live via any web browser through the elass 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
- The content of the workshop will be available offline after 24 hours in the eclass portal.

Who can attend the workshop

The workshop is designed for professionals from Central / State Govt. / Private Organizations / NGO engaged in geospatial data analysis related research and projects; students and researchers aligned to research in geoportals.

Award of Certificate

- Participants who attend the full live workshop via eclass portal.
- Participants who attend the workshop via IIRS youtube channel should mark their attendance via offline session available after 24 hrs.

Workshop Contact Details

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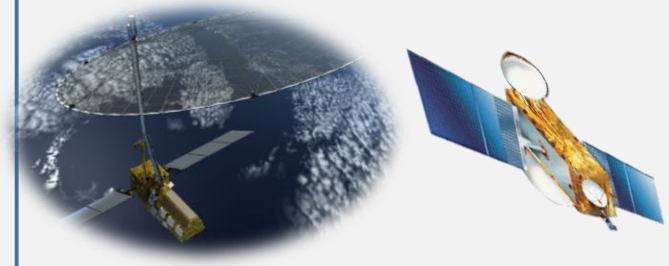
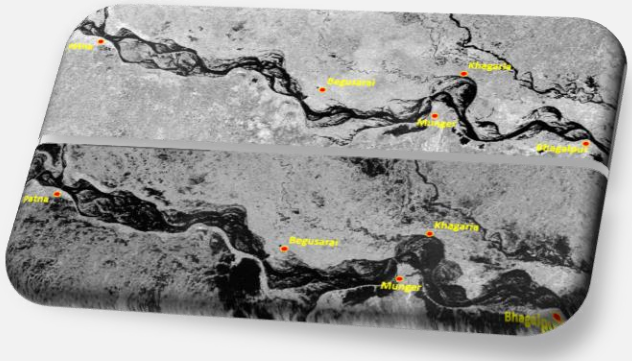
IIRS Outreach Programme





One Day Online Workshop
on
"SAR application for flood hazard mapping & monitoring "

July 16, 2021

Organised by

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