



Remote Sensing

An Overview For Decision Makers

June 12-15, 2018



Indian Institute of Remote Sensing
Indian Space Research Organisation
Department of Space, Govt. of India
4, Kalidas Road, Dehradun-248 001, India
www.iirs.gov.in

About IIRS

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organization (ISRO), Department of Space, Govt. of India is a premier training and educational institute established in 1966 and committed to preparing professionals in the field of remote sensing, Geoinformatics and GPS Technology for Natural Resources, Environmental and Disaster Management.

The main function of the institute is capacity building through transfer of technology among user community, education at Post-graduate levels in the applications of remote sensing and Geoinformatics. The institute also provides value-added services in the field of natural resources management, remote sensing, GIS and GPS technology.

Its alumni include more than 10350 persons from India and abroad. Its experienced scientists offer a multi-disciplinary dimension to the training programmes. The Institute is also host for Centre for Space Science & Technology Education in Asia and the Pacific (affiliated to the United Nations) and conducts international training programmes in Remote Sensing and GIS.

Indian Institute of Remote Sensing is situated in Dehradun and its impressive campus is endowed with scenic beauty all around. Dehradun is connected to major cities like New Delhi, Bengaluru, Mumbai, Kolkata and Lucknow by rail. It is also connected to New Delhi, Lucknow by air. Tourist destinations like Mussoorie, Haridwar and Rishikesh are situated in close proximity.

For more Information, please write to

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To,

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From :

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Introduction

Earth Observation satellites launched over past few decades provide us periodically synoptic and systematic information pertaining to land, ocean and atmosphere and several aspects of environment. This information is a key ingredient in the programmes of the government at the Centre and State towards ensuring food and water security, monitoring and management of natural resources, monitoring of our environment and eco-system, forecasting weather and disaster management support, planning and monitoring of developmental activities, and information for better governance. Technological tools such as Geographical Information Systems (GIS) using satellite images, ancillary data and models can play critical role in all spheres of natural resource governance and developmental activities. Amidst all developments in Earth Observation and geospatial technology, resource managers and decision makers often wonder from where to obtain relevant data; how to process and extract relevant information; what are the constraints and time scales; how to train their working level personnel; etc. Keeping these issues in mind, we have designed an orientation training program on Remote Sensing: An Overview for Decision Makers from 12-15 June 2018. We invite you to attend this course and explore the opportunities offered by recent developments in EO and geospatial technologies. In case if you can not make it yourself, you may depute a suitable senior officer from your organization for this short course.

Highlights of the course

Day 1

- Current trends in Remote Sensing & Geospatial technology
- Remote Sensing data, institutions and Policies; open sources data and software

Day 2

- Operational Remote Sensing Applications in Natural Resources Management
- Demonstration on close range photogrammetry, Bhuvan and open source software

Day 3

- Disaster monitoring and management (Geological, Hydrometeorological and Environmental)
- Multi-disciplinary applications of geospatial technology

Day 4

- Recent trends in geospatial applications
- Case studies/Demonstration
- Feedback & Interactive discussion

Target Group

Participants are expected to be senior professional/managers, project leaders, planners or policy makers from different fields, such as agriculture, forestry, water resources, environment and ecology, disaster management, meteorology, geography, economics, urban, oceanography etc.

Significance of the Course

The aim of the training course is to instill an appreciation of benefits and constraints of remote sensing technology and geographic information system techniques to aid in planning and management of natural resources and disasters. The course also enables course participants sharing of their experiences and knowledge with the aim of further enhancing the use of geospatial technology and its applications.

Mode of training

There will be lecture and demonstrations by senior and experienced faculty of the institute using state-of-the-art hardware and software facilities. The course provides opportunity to explore and analyze the spatial information for various applications related to natural resource management, infrastructure development and disaster management. Several case studies will be available for discussions.

Fee and amenities

The course has a nominal fee of Rs. 10,000/-. This includes single boarding/lodging, local transportation, course material and registration kit. Please send a crossed demand draft of any Nationalized Bank in favour of Pay & Accounts Officer, Indian Institute of Remote Sensing, payable at Dehradun.

How to apply

Please fill the attached application form and send it to us latest by 12.05.2018 with the course fee to book a seat for you as number of seats are limited. An advance copy of your application by return fax/email/post would facilitate early registration. Applicants are encouraged to submit form online (<http://admissions.iirs.gov.in>)



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Indian Institute of Remote Sensing

DECISION MAKER'S COURSE

June 12-15, 2018

APPLICATION FORM

Name : _____

Designation : _____

Organization : _____

Postal address : _____

Details of Fee Payment: _____

(Please mention the demand draft no., Bank Name & Date of Issue)

Mobile : _____

Office : _____

Residence : _____

Fax Number : _____

E-mail : _____

Specialisation (Please tick one):

☐ Agriculture & Soils ☐ Geosciences & Geohazard

☐ Forestry & Ecology ☐ Urban & Regional Studies

☐ Water resources ☐ Marine & Atmospheric Sciences

☐ Others (please specify) _____

Place: _____

Date: _____

Signature and seal of the
Participant/Nominee