

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 this orientation training program on Remote Sensing: An Overview for Decision Makers. We invite you to attend this course and explore the opportunities offered by recent developments in EO and geospatial technologies. In case if you cannot make it yourself, you may depute a suitable senior officer from your organization for this short course.

About the IIRS

Indian Institute of Remote Sensing (IIRS) is a premier institute with a primary aim to build capacity in Remote Sensing and Geoinformatics technologies and their applications through training & education, research and outreach programmes. IIRS is a Centre of Indian Space Research Organisation (ISRO), Department of Space, Government of India. Formerly known as Indian Photo-Interpretation Institute (IPI), founded in 1966, the Institute is the first of its kind in Remote Sensing in entire South-East Asia. While nurturing its primary endeavour to build capacity among the user community by training mid-career professionals since its inception in 1966, the Institute has enhanced its programmes to meet the requirements of various stake-holders, ranging from fresh graduates to policy makers including academia, industry, different government departments and NGOs.

IIRS is one of the most sought-after institutes for conducting specially designed courses for the officers from the Ministries of the Government of India and State Governments for effective use of Earth Observation (EO) data from satellites for the benefit of society. Ministry of External Affairs, Government of India has recognised IIRS to conduct international training courses for the participants from ITEC (Indian Technical & Economic Cooperation) Member countries in Asia, Africa, Latin America, Central and Eastern Europe, and several Pacific and Caribbean nations. IIRS also hosts the headquarters of the Centre for Space Science & Technology Education in the Asia and Pacific (CSSTEAP), affiliated to the United Nations (UN), and conducts its training and education courses in RS & GIS.

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.

Remote Sensing

An Overview for Decision Makers

January 18 – 21, 2022



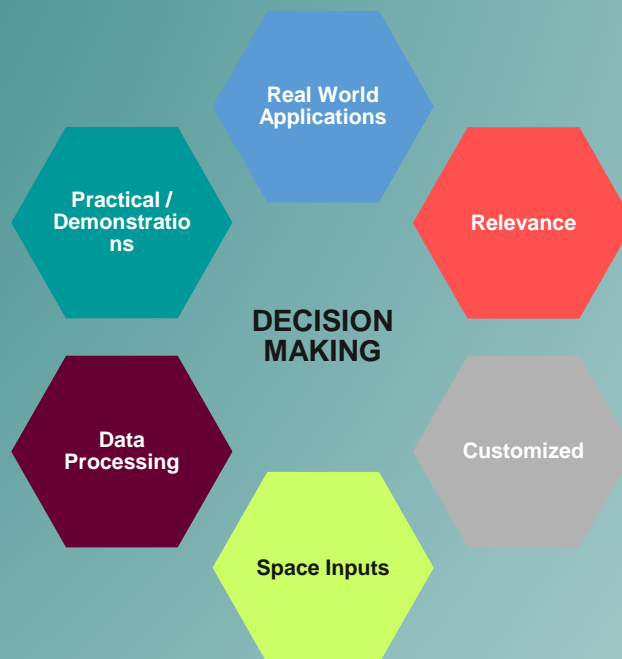
Indian Institute of Remote Sensing (IIRS)
Indian Space Research Organisation (ISRO)
Department of Space, Government of India
4, Kalidas Road, Dehradun, India
www.iirs.gov.in

Target Groups

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.

Highlights of the Course

- Current trends in Remote Sensing & Geospatial technology
- Remote Sensing data, institutions and Policies; open sources data and software.
- Operational Remote Sensing Applications in Natural Resources Management
- Demonstration on close range photogrammetry, Bhuvan and open source software
- Disaster monitoring and management (Geological, Hydrometeorological and Environmental)
- Multi-disciplinary applications of geospatial technology
- Recent trends in geospatial applications
- Case studies/ Demonstration
- Feedback & Interactive discussion



Mode of Training

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

How to Apply

Eligible applicants are requested to send the scan copy of their application form, duly signed and forwarded by the controlling authority / institution along with the course fee through e-mail at dms@iirs.gov.in.

Eligibility Criteria

Officers of All India Services having 5 years of experience (OR) Senior official/functionaries working in Govt. organizations / Academic institutes / Research Institutes / Geospatial Industry / NGOs / or Entrepreneurs having 15 years of experience in service

Application Deadline

Wednesday, 27 December 2021


Course Fee


Rs. 16,000 (includes tuition fee, single boarding/lodging, local transportation, training material, and registration kit) through a demand draft of any Nationalized Bank in favour of *Pay & Accounts Officer, Indian Institute of Remote Sensing, payable at Dehradun.*

Contact Detail

For any further detail about the course, please contact:

Dr. Arijit Roy
(Course Director)

 arijitroy@iirs.gov.in

 +91-135-2524370 / 4371



Indian Institute of Remote Sensing
DECISION MAKER'S COURSE
January 18 - 21, 2022

Affix
Recent Passport
Size Photograph

APPLICATION FORM

Last date for receipt of application: December 27, 2021
(Through e-mail: dms@iirs.gov.in)

1. Name (Dr/Mr/Mrs/Miss):

2. Father's Name:

3. Date of Birth (DD/MM/YYYY): 4. Place of Birth:

5. Gender (Male/Female): 6. Nationality:

7. Designation: 8. Organization:.....

9. Postal Address:.....

.....
.....

Telephone (Off.):..... Telephone (Res.):

Mobile:..... E-mail:

10. Detail of Fee payment:

a) DD/Bank Transfer No.:..... b) Bank Name:.....

c) Date of issue:.....

11. Specialization (Please tick any one):

- Agriculture and Soils
- Disaster Management
- Forestry and Ecology
- Geosciences
- Marine and Atmospheric Sciences
- Urban and Regional Studies
- Water Resources
- Others (please specify)

Date:

Place:

Signature and Official Seal of the Participant