

**“Usefulness of Remote Sensing & GIS for Environmental Studies”**  
(June 18-22, 2018)**About the School**

The focus of the School is on principles of Remote Sensing & Geographic Information System (GIS) and its applications for environmental studies.

Environment is the life supporting system. It is from the environment that we get food to eat, water to drink, air to breathe and all necessities of day to day life are available from our environment. But the over-exploitation of natural resources and environmental pollution are corroding the vital life support systems on which all life depends. The tremendous increase in industrial activity during the last few decades and the release of obnoxious industrial wastes in to the environment, have threatened the very existence of life on the earth. In addition, there are many natural disasters like cyclone, tsunami, avalanche, floods, drought, volcanic eruptions, hailstorm, wildfire etc. which endanger life on earth. Remote Sensing data & GIS along with some models can be used to monitor and mapping of natural resources, environmental pollution and natural disasters.

**Aim of the school**

The summer school is intended to engage secondary and higher secondary students to create awareness about Remote Sensing Technology & its use for the study of mother planet earth and its environment through informative lectures, field visit and labs hands-on. Remote sensing and GIS technology is a potential tool to understand the vast environment. Exposing the knowledge of satellite data utilization via GIS and image processing software in environmental science has a great scope as it would help the students to understand the importance of remote sensing and then in career decision making.

**School Duration**

The school will be of one week duration from Jun 18, 2018 to June 22, 2018.

**School Structure**

The School will have theory classes, practical classes and excursion. The participants are expected to stay in IIRS from 0915 hrs to 1630 hrs

**Who Can Apply?**

Students of 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> standard can apply for the school. Two students can apply from each school.

**School Fee & Facilities**

- ❖ There is no fee for the school.
- ❖ The participants will be provided with training kits.
- ❖ Lunch for the participants will be arranged at IIRS canteen (VIP lounge).

**Important Dates**

- ❖ Fill the attached form and send by May 7, 2018. Photocopy of the form may also be used.
- ❖ Final confirmation shall be sent by email to school and student by May 10, 2018.

**Completed application form may be sent (by email or post) to**

Ms. Pooja Jindal  
Scientist 'SD',  
Marine and Atmospheric Sciences Department,  
Indian Institute of Remote Sensing,  
Indian Space Research organization,  
4 kalidas Road, Dehradun-248001,  
Email: pooja\_j@iirs.gov.in

**For further queries/details contact**

Dr. D. Mitra, GH - MASD, IIRS  
(mitra@iirs.gov.in; 01352524181)

Ms. Pooja Jindal, Scientist 'SD', MASD, IIRS  
(pooja\_j@iirs.gov.in; 01352524184)



**Summer School**

**on**

**“Usefulness of Remote Sensing & GIS for Environmental Studies”**

**(June 18-22, 2018)**

**APPLICATION FORM**

Application No.

(for office use)

Paste a recent  
passport size  
photograph

**Name in full (all capitals):**

**Father’s name:**

**Mother’s name:**

**Date of birth:**

**Standard:**

**School:**

**Email (school office):**

**Residential address:**

**Contact no.:**

**Email (Student):**

**Date:** .....

**Signature (Student):** .....

**Official seal of the school**  
**(with signature of Head/Principal)**