

Course objectives

The course prepares students for careers as leaders in understanding Remote Sensing (RS) and Geographical Information System (GIS) and Applications of RS and GIS in monitoring and managing forest resources.

Learning Methods

- In class lecture
- Online tutorials
- Lab/Field exercises
- Project-Based Learning
- Assignments
- Presentations

Learning outcomes

- Gain a wider understanding of basic principles of remote sensing and GIS
- Enable the students to explore and handle different satellite datasets for specific applications in forests and vegetation landscapes.
- Enhance abilities and skills for mapping and monitoring of changes associated with forest and urban green spaces for effective policy making and management.

Urban Resilience and Adaptation for India and Mongolia: Curricula, capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature based solutions



Co-funded by the
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GEOINFORMATICS IN NATURAL RESOURCE MANAGEMENT

Updated 4 ECTS COURSE offered to PhD Forest Resource Management students in Autumn Semester

Faculty of Forestry
SKUAST Kashmir