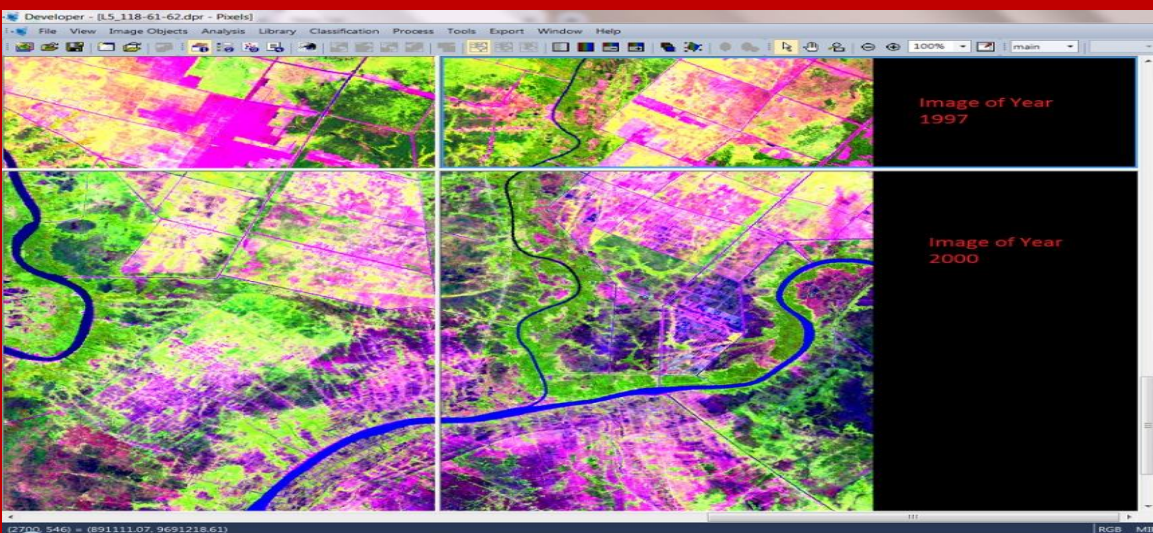


# International Institute of Geospatial Science & Technology (IIGST), A constituent unit of SAIARD



**3 Days Capacity Building Program on..... Forest Inventory Investigation & Fire Disaster Monitoring with Object based classification**

**25 – 27 March, 2022**

## CONTENTS

- Fundamentals of Object Based Image Analysis (OBIA) Image analysis
- Analysis strategies in Satellite, Aerial, UAV, Vector models.
- Digital Image multi-layered analysis & Classification technique.
- Object based analysis algorithms performance over data.
- Forest area Tree Canopy Mapping & Tree Species Segmentation.
- Artificial Intelligence algorithms-based loop classification to sense automatic extraction of classified data.
- Project study Burn mapping & deforestation change analysis study of USA.
- Hands on Project study on Landcover mapping of Sundarbans Forest land.

## WORKSHOP SCHEDULE

- Day1: Introduction to OBIA technology & Forest Inventory Investigation Analysis
- Day2: Forest Disaster Impact & Change Detection Analysis
- Day3: Hands-on project on Forest area.

## TYPICAL APPLICATIONS

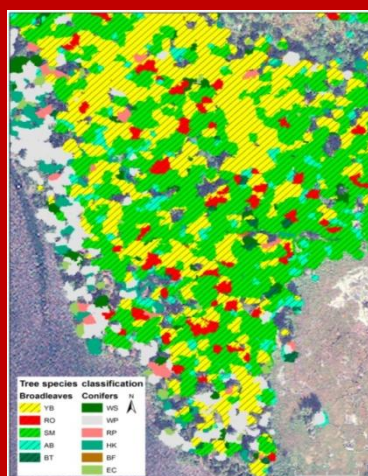
- \* Forestry Analysis \* Urban Growth Monitoring
- \* Agriculture & Bio-Mass Calculation \* Disaster Analysis

## THE COURSE CURRICULUM FOLLOWED

This two weeks capacity building program includes: theory practical (hands on training sessions) with interactive sessions with experts and project work. Tutorials with data, teaching and learning resources will be provided.

## WHAT YOU WILL LEARN

- \*An In-depth study on identifying tree species & delineate tree crowns.
- \*Forest Disaster & change detection mapping.



Class Timing: 7.00–8.30 pm

Application Link:

<https://bit.ly/3ogms9X>

Registration fees: 500/- (INR)

Bank Details

Bank- SBI

Account No- 38377901244

IFSC Code- SBIN0016629

Beneficiary Name- SAIARD

For any queries

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