



SpaceSUITE

INTRODUCTION TO REMOTE SENSING AND HANDS-ON DISASTER
MANAGEMENT APPLICATIONS
October 28 – November 27, 2024

[Link to Download the Sentinel-1 data](#)

For the live virtual session (Part 2)

Course Overview:

- **Part 1: Self-Paced Learning**
Participants completed EO College's "[Land in Focus – Basics of Remote Sensing](#)" with **6 lessons, 23 topics, and 14 quizzes**. Each lesson took approximately **1-2 hours**. The content covered remote sensing fundamentals, data acquisition, and image analysis.
- **Part 2: Live Training**
A live virtual session focused on practical applications, including flood mapping with radar data and integrating Earth Observation (EO) into disaster management. It lasted **2 hours**.

Learning Objectives:

- ✓ Understand the fundamentals of remote sensing, including imaging and essential image analysis techniques.
- ✓ Gain hands-on experience in flood mapping using radar data.
- ✓ Develop the ability to generate a flood map using SNAP software.

