

Introduction to Remote Sensing and Hands-on Disaster Management Applications

Course Structure:

Self-Paced Learning – Introduction to Remote Sensing

- Duration: 1-2 weeks
- Core topics:
 - Remote sensing fundamentals
 - Data acquisition techniques (passive/active)
 - Image analysis and processing
 - Course Link: <https://eo-college.org/courses/landinfocus/>

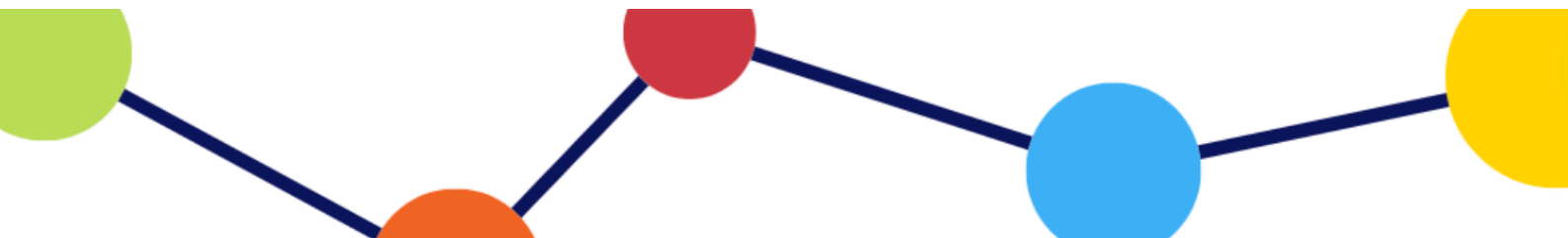
Live Virtual Training – Hands-on Disaster Management Applications

- Duration: 2 hours
- Focus:
 - Flood mapping with radar data
 - Practical exercises using open-source tools
 - Introduction to drought and fire monitoring techniques



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SpaceSUITE

Introduction to Remote Sensing and Hands-on Disaster Management Applications

A blended learning course for equipping professionals with essential skills in remote sensing, focusing on disaster management applications .

October - November 2024, Online

About the course:

Combining EO College's "Land in Focus – Basics of Remote Sensing" with live virtual training, the course offers a flexible, rapid upskilling solution for those working in natural hazard risk assessment. Please note that the hands-on session will be available only to participants who have completed the online course.

Participants:

Ideal for professionals like data analysts working in natural hazards, this course builds foundational Earth Observation (EO) skills, particularly in disaster response.

Learning objectives:

- Master remote sensing basics
- Apply radar data for flood mapping
- Integrate EO data into disaster management models

Timeline:

- Self-Paced Learning: 1-2 weeks, from 28 October to 22 November
- Live Virtual Training: 27 November 2024 at 15:00 CET

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