



### Geospatial Information Technology for Human Rights Violations Investigations

United Nations Satellite Centre UNOSAT

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Type:	Course
Emplacement:	Aden, Yemen
Date:	23 nov 2020 to 25 nov 2020
Durée:	3 Days
Zone du programme:	Satellite Imagery and Analysis
Site internet:	<a href="https://www.unitar.org/sustainable-development-goals/satellite-analysis-and-app...">https://www.unitar.org/sustainable-development-goals/satellite-analysis-and-app...</a>
Prix:	0.00 \$US
Personne de référence de l'événement:	adam.ali@unitar.org

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### CONTEXTE

The technical training will equip the participants with necessary practical skills to access and analyse the plethora of cloud based earth observation information for human rights related investigations. The training course will start by providing the participants with necessary basic understanding of Geographic Information System (GIS), Earth Observation. After the introductory sessions, the course will focus on practical sessions on accessing cloud based solutions for open source

human rights investigation and related thematic application. Participants will also learn to perform contextual analysis based on the cloud services through individual guided assignments

## **OBJECTIFS DU COURS**

To strengthen national technical capacity of selected Yemeni official Geospatial Information Technology Applications for human rights related investigations

## **OBJECTIFS D'APPRENTISSAGE**

At the end of the course participants should be able to:

- Define and describe basic concepts and terminology related to GIS and EO
- Explain the role of geo-information in human rights related investigations;
- Apply basic methods and functionalities in Google Earth Pro to manage and analyse spatial data;
- Use available cloud based tools/solutions to access, spatial data/information regarding open source investigation.

## **CONTENU ET STRUCTURE**

UNITAR-UNOSAT will design and deliver a tailor made technical training course in the use of Geo-Spatial Information Technology with specific focus on cloud based geospatial data access and analysis systems for solving different decision-making problems related to human right violations analysis. The material will include use cases conducted in the MENA region.

This is a 3 days full-time, face-to-face course with lectures and lab exercises using cloud based geospatial datasets and real case scenarios (40% lab exercises, 60% lectures and discussions). This course is divided into 3 modules. Each module is structured into 3 sessions of 1.5 hour each. The average workload is likely to be around 15 hours

## **MÉTHODOLOGIE**

The course is designed in a way to have a balanced approach between theoretical and practical teaching methods consisting in Power Point presentations, live demos, videos, interactive sessions and GIS lab exercises to enable participants to gain maximum knowledge on the subject as well as different applications

## **AUDIENCE CIBLE**

The course is designed to accommodate participants from a variety of backgrounds and professional experiences, with no previous GIS experience