Geospatial Information Technology for Human Rights Violations Investigations

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􀀀􀀀	:	Course
􀀀􀀀	:	Aden, Yemen
􀀀􀀀	:	23 11􀀀 2020 to 25 11􀀀 2020
􀀀􀀀	:	3 Days
􀀀􀀀􀀀	:	Satellite Imagery and Analysis
􀀀􀀀	:	https://www.unitar.org/sustainable-development-goals/satellite-analysis-and-app...
􀀀􀀀	:	US$0.00
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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

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

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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.

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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

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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

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