



## Rapid Response Mapping in Disaster Situations (CERG-C)

Apoyo a la Agenda 2030

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Tipo:	Course
Ubicación:	Geneva, Switzerland
Fecha:	14 Mayo 2018 to 15 Mayo 2018
Duración:	2 Days
Área del programa:	Satellite Imagery and Analysis
Sitio web:	<a href="http://www.unitar.org/unosat">http://www.unitar.org/unosat</a>
Precio:	0,00 US\$
Correo Electrónico del Centro de Coordinación del Evento:	adam.ali@unitar.org
Colaboración:	Geneva

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### ANTECEDENTES

Topics include:

- Introduction to UNOSAT and Rapid response mapping in disaster situations
- Searching exploring and gathering data
- Preliminary flood impact and damage analysis
- Damage assessment by visual interpretation

## OBJETIVOS DEL EVENTO

Training scientists to use tools and techniques to reduce the impact of natural hazards

## OBJETIVOS DEL APRENDIZAJE

- Explain the role of Geo-information in the response phase of a disaster;
- Describe the GIS methodologies related to the rapid mapping processing chain to support emergency response;
- Identify, access, search, collect, organize and analyze geospatial data for emergency response mapping;
- Apply basic GIS methodologies to perform impact analysis and preliminary damage assessment in the immediate aftermath of a disaster.

## CONTENIDO Y ESTRUCTURA

9 April to 8 June with multidisciplinary lectures, field work and exams at the end. UNOSAT's course on 14 & 15 May 2018 includes the following modules for an estimated 16 hours of learning:

- Introduction to UNOSAT and rapid mapping service
- Searching, exploring and gathering data
- Preliminary flood impact and damage analysis
- Damage assessment and visual interpretation

## METODOLOGÍA

Multidisciplinary approach to the assessment and management of risk from natural hazards, merging ideas from disciplines such as the physical and social sciences, engineering, and economics.

## PÚBLICO OBJETIVO

To register for the CERG-C, you need to already have a master's degree or a diploma of 5 years from your University

## INFORMACIÓN ADICIONAL

<https://www.unige.ch/sciences/terre/CERG-C/>