Unitar Online Catalogue

Rapid Response Mapping in Disaster Situations (CERG-C)

Cross-fertilizing Knowledge

Type:	Course
Emplacement:	Geneva, Switzerland
Date:	14 mai 2018 to 15 mai 2018
Durée:	2 Days
Zone du programme:	Satellite Imagery and Analysis
Site internet:	http://www.unitar.org/unosat
Prix:	0.00 $US
Personne de référence de l'évenement:	adam.ali@unitar.org
Partenariat:	Geneva

CONTEXTE

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

OBJECTIFS DU COURS

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

OBJECTIFS D'APPRENTISSAGE

- 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.

CONTENU ET STRUCTURE

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

MÉTHODOLOGIE

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.

AUDIENCE CIBLE

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

INFORMATIONS SUPPLÉMENTAIRES

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