Invitation to the Learning Journey Hazard and Risk Assessment

Part one: Hazard Assessment

March – May 2023

Rationale

Sound DRR programming relies on having solid assessment data. The data world is in a very dynamic stage, airborne data becomes increasingly accessible. Hazard assessments based on historical profiles and primary data collection with concerned stakeholders continues to play an essential role. More and more, organisations working in DRR, CCA and resilience strengthening need more solid, technical assessments complementing the community-based approach. This is particularly the case for preventive measures.

In order to keep abreast of time, the Swiss NGO DRR Platform decided to organise a learning journey on hazard and risk assessment.

Methodological elements of a solid hazard assessment

Objective

Enhance the capacity of practitioners on how to independently conduct a hazard and risk assessment, including how to retrieve airborne data, and determine the cost-benefit ratio of a DRR measure.

Target Audience

The learning journey is aimed at persons working in the field of DRR in programme countries as well as in head offices (in Switzerland and elsewhere). It is primarily geared towards employees of member organisations of the Swiss NGO DRR Platform but open to interested persons from non-member organisations.

Structure

The learning journey is organised in a modular way and conducted over a period of 2 years. The modules are grouped in the following packages:

1) GIS, Satellite Data, Drones
2) Hazard Assessment
3) Risk Assessment and Cost-Benefit Analysis

For details, see the ***training concept***.

Invitation to the Learning Journey
Hazard and Risk Assessment

Part one: Hazard Assessment

March – May 2023

Programme

The first year focuses on hazard assessment and comprises 5 modules. The modules will be conducted in form of webinars of 2 hours each, on Wednesdays from 13.00 - 15.00h CET. The dates and topics are as follows:

Date	Topic
08.03.23	1. Introduction to hazard assessment
22.03.23	2. Acquisition of satellite-based data
12.04.23	3. Hazard assessment flood
03.05.23	4. Use of drones
24.05.23	5. Hazard assessment landslide

Participation in the first module 'Introduction to hazard assessment is a prerequisite for modules 3 and 4. Modules 2 and 5 have a stand-alone nature. Participants who complete all webinar modules will receive a certificate.

Organisation

The learning journey is organised and facilitated by Andrea Blindenbacher and Georg Heim.

Andrea Blindenbacher has a MSc in Geographic Information Systems and Remote Sensing and has extensive experience in aerial data acquisition, processing and analysing. Andrea is responsible for package 1.

Georg Heim is a geomorphologist by background with a MSc in Geography. He has extensive experience in hazard and risk assessments, planning and realisation of mitigation measures. Georg is responsible for packages 2 and 3 and the overall organisation of the training course.

The Swiss Red Cross supports the facilitators and oversees logistics, administration and financial issues.

Registration und contact

Click here to register.

Further information:

- For content matter: *Georg Heim*
- Administrative issues: *Anton Jöhr*