

20-24 August 2018

CNDS/EGU Summer School on

Natural Hazards in the Anthropocene

Centre of Natural Hazards & Disaster Science (CNDS), Sweden



About

This one-week course aims to gather early career scientists in earth-, engineering- and social sciences to understand the dynamics and negative impacts of natural hazards (e.g., floods, droughts, landslides and earthquakes) as well as international crisis preparedness and social vulnerability. More specifically, the course offers intensive training that will cover the fundamental concepts and tools for **Disaster Risk Reduction (DRR)**.

The course will explore DRR through the **disaster cycle** (mitigation, preparation, response and recovery) and in relation to the interaction of natural hazards with human society. Together with senior researchers in the forefront of this field, students will discuss and propose solutions to complex problems in DRR, where the disaster cycle is compared and critically analysed in relation to recent catastrophic events.

How to apply

This course has been designed for **PhD students** and **post-docs**, and participation is **free**. Moreover, the **European Geosciences Union (EGU)** is sponsoring **travel grants** to facilitate the attendance of key early career researchers.

Please send your application to coordination@cnds.se no later than **20 April 2018** (23.59 CET). Your application should include a short CV, a summary (~500 words) of your current research as well as your objectives in attending the course. Don't forget to indicate if you also apply for the travel grant.

The course is limited to a maximum of 25 participants. Accepted and granted applicants will be notified by 30 April 2018.

Please feel free to contact us with your questions and concerns!

Programme 20-24 August 2018 (preliminary)

MONDAY Introduction

- Disaster cycle
- Risk management
- Failure and success cases
- Social event

TUESDAY Before a disaster hits

- Building resilient infrastructure
- Early warning systems
- Policy

WEDNESDAY During a disaster

- Role of scientists and how to communicate uncertainty
- Social response and decision making
- Helping society during a disaster

THURSDAY After a disaster

- Social memory and learning
- Cultural dimension of natural hazards
- Recovery
- Making use of unconventional data in characterizing disaster

FRIDAY Summary

- Presentations from the participants
- Wrap up

Venue

The course will take place at **Uppsala University, Sweden**. Founded in 1477, Uppsala University is the oldest university in Sweden. Uppsala is located 71 km north of the capital Stockholm. It offers both picturesque countryside and the vibrancy of a big city. You can experience both history and modern living on a visit to Uppsala.

How to get here:

Uppsala is easily reached by train in just 30 minutes from Stockholm and 18 minutes from Arlanda Airport.

Confirmed lecturers:

- **Hannah Cloke** (University of Reading, UK)
- **Giuliano Di Baldassarre** (Uppsala University, Sweden)
- **Steffi Burchardt** (Uppsala University, Sweden)

Contact:

Giuliano Di Baldassarre (CNDS Director)
Johanna Mård (CNDS Project Coordinator)
coordination@cnds.se

Important Dates

- 20 April 2018** – Deadline for summer school application
- 30 April 2018** – Applicants are notified
- 20 August 2018** – Summer school starts at 8.30 am

