

19-23 August 2019

CNDS/EGU Summer School on

Natural Hazards in the Anthropocene

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



About

This one-week course gathers PhD students in earth-, engineering- and social sciences to understand the dynamics and negative impacts of natural hazards (floods, droughts, wildfires, volcanoes, earthquakes, etc.) as well as international crisis preparedness and social vulnerability. The course offers intensive training that will cover both fundamental concepts and up-to-date tools for **Disaster Risk Reduction (DRR)**.

The focus of this year's course is on **multiple natural hazards**, including compound events and cascading effects. We will explore DRR through the **disaster cycle** (mitigation, preparation, response and recovery) and in relation to the interaction of multiple 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 participation is **free**. Moreover, the **European Geosciences Union (EGU)** is sponsoring **travel grants** to facilitate the attendance of a number of early career researchers.

Please submit your application via CNDS website (www.cnds.se/research-school/summerschool/) no later than **21 April 2019 (23.59 CET)**. Your application should include a 2-page CV, a 1-page summary of your current research as well as your objectives/motivation for attending the course. Don't forget to indicate if you would also like to apply for the travel grant.

The course is limited to a maximum of 20 participants. Accepted and granted applicants will be notified by 2 May 2019.

Programme 19-23 August 2019 (preliminary)

MONDAY Introduction

- Disaster risk reduction
- Disaster cycle
- Risk management
- Policy dimensions

Social event (Dinner)

TUESDAY Before a disaster hits

- Forecasting natural hazards
- Early warning systems
- Risk communication

WEDNESDAY During a disaster

- Making society function during a disaster
- Knowledge management in crisis
- Role of scientists in communicating uncertainty

THURSDAY After a disaster

- Social and political effects of disasters, and the role of the media
- Building back better

FRIDAY Summary

- Presentations
- Summary

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 historical treasures 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 Stockholm Arlanda Airport.

Confirmed lecturers:

- Hannah Cloke, 2018 EGU Plinius Medal, University of Reading, UK
- Philip Ward, 2019 EGU Plinius Medal, Vrije Universiteit Amsterdam, NL

The EGU Plinius Medal awards mid-career scientists for outstanding interdisciplinary research on natural hazards.

Contact:

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Important Dates

- 21 April 2019 – Deadline for summer school application
- 2 May 2019 – Applicants are notified
- 19 August 2019 – Summer school starts at 8.30 am

