

Dear CNDS fellows!

Hope you have not given hope that spring will come this year! Even if the weather has disappointed us, we at CNDS have a lot to be happy about since we are witnessing the fruits of our hard work and collaborative efforts.

Highlights since the last CNDS news flash

- CNDS research framework is taking shape! Several CNDS researchers from a wide range of disciplines have together drafted an integrative research framework for addressing the interplay of natural hazards and vulnerabilities. They argue for the integration of the two major approaches to DRR, which focus on hazard and on vulnerability respectively, and propose a bold, new research framework, which is presented in [an article published in the open access journal Earth's future](#). This article is an important effort in shaping the CNDS research framework.
- [CNDS research seminar commemorating World Water Day](#). CNDS fellows Ashok Swain, Sara Bondesson and Korbinian Breinl drew upon their different academic disciplines and competencies in order to provide a more comprehensive picture of the complex issue of water.
- [Centre for Climate and Safety receives research funding for disaster modelling](#). The project will provide a better picture of the incurred costs in the event of heavy precipitation, which is needed for effective long-term prevention work. The project will use Jönköping as a case study to conduct analyses of events and future risks.
- *Nature Climate Change* has selected CNDS fellow Charles Parker and Christer Karlsson's *Environmental Politics* article, "[The UN climate change negotiations and the role of the United States: assessing American leadership from Copenhagen to Paris](#)" as a [Research Highlight in their new issue](#).
- Giuliano Di Baldassarre contributed to a piece about Bangladesh's challenges and new-founded opportunities posed by flooding on Radio Sweden's program "Vetandets värld". [Listen to the entire radio program here](#).
- In [Science Trends](#), Beatriz Quesada-Montano and Giuliano Di Baldassarre shared their insights on attempts to find consistent measurements for drought and flood assessments.
- CNDS fellows Beatriz Quesada Montano and Giuliano Di Baldassarre together with colleagues from Costa Rica and the UK propose a new method that allows assessing changes in both floods and droughts in a consistent way. [Read the full article here](#).
- CNDS fellows Daniel Nohrstedt, Fredrik Bynander, and Charles Parker have published a [literature review addressing the challenges and opportunities presented when collaboratively managing crises](#).
- CNDS fellows Monika Rydstedt Nyman and Magnus Johansson are co-authors of an article on lesson learning "[Systematic Knowledge Sharing in a Natural Hazard Damage Context - How Organizational Borders Limit Lessons Learned.](#)"

Applications are being accepted for the following

- [The CNDS/EGU Summer School](#) - Scheduled for 20-24 August 2018 at Uppsala University. Deadline is 20 April 2018. Don't miss this

- opportunity! [See the preliminary programme here.](#)
- Two postdocs at the Department of Earth Sciences, Uppsala University: one [postdoc](#) in the programme for Air, Water and Landscape Sciences and a second [postdoc](#) in Natural hazards (Geophysics). The last application date is 15 April 2018. Please spread the word.
- Two PhD positions at the Department of Engineering Sciences, Division of Electricity, Uppsala University: one [PhD position](#) in survivability of marine structures with focus on offshore renewable energy systems and one [PhD position](#) in reduced vulnerability of the electric grid. Deadline for both is 20 April 2018.
- [Researcher Position in Water and Society](#) - Dept of Earth Science, Uppsala University and partly funded by the ERC project HydroSocialExtremes. Application deadline is 31 May 2018.
- CNDS fellows are welcome to apply to be part of the [Academic Collaboration Chile – Sweden \(ACCESS\)](#) and to receive economic assistance for participating. If you have questions, please contact [Gabriela Hinchcliffe](#).

Important dates for 2018

- 19 April** (16:00-18:00) Swedish Defence University's 200-year Jubilee Symposium "[Leadership in crisis – tomorrow's challenges.](#)" What does current theory and practice say about leading public organizations in crisis, and how do we implement these lessons in a Western world where public commitments are under increasing political pressure and threats are mounting?
- 3 May** (12:00-14:00) PhD meeting at the Swedish Defence University (room Ugglan). [If you are interested in attending please contact Max Wanner.](#)
- 3 May** (14:00-16:30) Research seminar on volcanoes under the lead of CNDS fellow Steffi Burchardt. The seminar will begin with Ólafur Gudmundsson who will tell us about the Christchurch earthquake from a seismological point of view and discuss the question of what makes an earthquake hazardous or not. Louise Vick, a postdoc at the Arctic University of Norway in Tromsø, will talk about the landslides triggered by the Canterbury earthquakes. Thereafter, CNDS PhD candidate Emma Rhodes will talk about her experiences during and after the earthquake sequence. The seminar will be held at the Swedish Defence University. Please find the preliminary programme attached to this email. [If you are interested in attending, please register in advance here.](#)
- 14 June** (12:00-14:00) PhD meeting. Contact person and venue to be announced.
- 14 June** (14:00-16:30) Research seminar on droughts with Thomas Grabs (Director of the Uppsala Water Centre). Venue to be announced.
- 20-24 August** [Summer School on Natural Hazards](#) in the Anthropocene at Uppsala University.
- 14 November** CNDS Annual Assembly in Karlstad. More details to follow.
- 15 November** CNDS Forum in Karlstad. The Forum is intended to be a meeting place where different actors - researchers and practitioners – working with issues related to natural hazards and disaster management can meet and exchange experiences. The aim is to disseminate research results and to establish dialogue and cooperation regarding the need for research and use of research results.

Recent publications

- Di Baldassarre, Giuliano; Nohrstedt, Daniel; Mård, Johanna; Burchardt, Steffi; Albin, Cecilia; et al. [An integrative research framework to unravel the interplay of natural hazards and vulnerabilities](#). *Earth's Future*. Wiley. 2018
- Nohrstedt, D., Bynander, F., Parker, C. F., 't Hart, P. (2018) "[Managing Crises Collaboratively: Prospects and Problems—A Systematic Literature Review](#)," *Perspectives on Public Management and Governance*. 2018. [DOI](#)
- Parker, Charles F. , Karlsson, Christer. (2018) "[The UN climate change negotiations and the role of the United States: assessing American leadership from Copenhagen to Paris](#)," *Environmental Politics*, Vol. 27, No.3: 519-540. 2018. [DOI](#)
- Reynolds, J.E., Halldin, S., Seibert, J. & Xu, C.Y. [Definitions of climatological and discharge days: do they matter in hydrological modelling?](#) *Hydrological Sciences Journal*.2018. [DOI](#)
- Quesada Montano, Beatriz & Di Baldassarre, Giuliano "[Hydrological change: Towards a consistent approach to assess changes on both floods and droughts](#)". 2018.
- Sjökvist, Linnea "Wave Loads and Peak Forces on Moored Wave Energy Devices in Tsunamis and Extreme Waves." Disputation. Opponent: Professor Peter Stansby, Manchester University, England. [Abstract + Full text](#)
- Rydstedt Nyman, Monika; Johansson, Magnus & Liljegren, Eva "[Systematic Knowledge Sharing in a Natural Hazard Damage Context: How Organizational Borders Limit Lessons Learned](#)." *Risk, Hazards & Crisis in Public Policy*, 8(4). 2017.
- Persson, Thomas, Parker, Charles & Widmalm, Sten "[Social Trust, Impartial Administration and Public Confidence in EU Crisis Management Institutions](#)," *Public Administration*, 95(1): 97–114. 2017.

Reminders

- Please send your updates (new publications, conference participation, video footage, news items or any other exciting events we should share) to [Stephanie Young](#), [Johanna Mård](#) and [Frederike Albrecht](#).
- Please remember to add your CNDS affiliation (and logo where appropriate) in your correspondences and publications. Example: Name, Department, University, "Centre of Natural Hazards and Disaster Science"

CNDS/EGU Summer School on

20-24 August 2018

Natural Hazards in the Anthropocene

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

