

Dear CNDS fellows,

Hope everyone has had a great start to the new year! Hope everyone has had a great start to the new year! This is the first news flash in a while so it is loaded with lots of good articles and video clips! Please note that the news flash has been attached here as a pdf.

Important dates for 2019

- **8 February, 10:00–12:00.** CNDS doctoral student Eduardo Reynolds will defend his doctoral thesis [Flood Prediction in data-scarce basins - Maximising the value of limited hydro-meteorological data](#) at Uppsala University. Location: Hamberg lecture hall, Geo Center, Uppsala University Villavägen 16, Uppsala
- **13 February, 11:30 – 14:00.** Informal PhD meeting/get-together. Swedish Defence University (conference room: Kanonen). Kristina Petrova, the PhD representative in the management group, would like to get your feedback for the management group meeting which will begin at 13:00 the same day.
- **13 February, 14:15-17:00.** Research seminar on “Survey Design and Analysis and Social Network Analysis” at the Swedish Defence University (conference room: Lejonsköldska). [Read the programme here](#). If you would like to attend, please register by emailing [Stephanie Young](#) by February 11.
- **21 March, 14:15-17:00.** Research seminar. Details provided closer to the date.
- **9 May, 14:15-17:00.** Research seminar. Details provided closer to the date.
- **10-12 June.** The Northern European Conference on Emergency and Disaster Studies (NEEDS) conference, Uppsala University. This conference is being co-organized by CNDS. [Call for paper proposals and abstracts](#) - deadline 22 February. The theme of this year's conference is 'Nature, Society and Scale' and includes 21 interdisciplinary panels, of which several are being facilitated by CNDSers. [See all 21 panels here](#).
- **13 June, 14:15-17:00.** Research seminar. Details provided closer to the date.
- **August, exact dates to be provided soon.** CNDS Summer School.
- **12 September, 14:15-17:00.** Research seminar. Details provided closer to the date.
- **24 October, 14:15-17:00.** Research seminar. Details provided closer to the date.
- **5 December, 14:15-15:00.** Research seminar. Details provided closer to the date.

A warm welcome to those assuming new positions within CNDS:

- [Linus Wrang](#) - PhD student, Department of Earth Sciences, Uppsala University
- [Patrick Wennström](#) - PhD student, Department of Peace and Conflict Research, Uppsala University
- [Sara Bondesson](#) – new Postdoc, Swedish Defence University
- [Frederike Albrecht](#) – new Postdoc, Swedish Defence University

Highlights since the last CNDS news flash

- **Congratulations Monika Rydstedt Nyman and Jenni Koivisto** who both successfully defended their doctoral theses this autumn!
- Thanks for the great turn-out at the **2018 Forum on Natural Hazards and Disasters** and to the Centre for Climate and Safety in Karlstad for hosting the event! This year's discussions focused on how we can be better at utilizing data, research and experiences in our efforts to deal with the damages and losses associated with disasters. Videos of the day's proceedings are available on [CNDS Sweden YouTube channel](#).
- [CNDS research project "TRAMPOLINE" awarded grant from The Swedish Research Council](#). Daniel Nohrstedt, Charles Parker, Giuliano Di Baldassarre and Maurizio Mazzoleni have been awarded a 3-year grant of 4.4 million SEK for their research project **The Transformative Potential of Extreme Weather Events (TRAMPOLINE)**. This interdisciplinary team of political scientists and hydrologists will investigate extreme hazard events as potential triggers for changes in DRR policy and development.
- Mikael Granberg, CNDS researcher and the Director of CCS, together with Malin Mobjörk from the Stockholm International Peace Research Institute (SIPRI) contributed to the session "Climate change - society and security politics" at the annual national conference "Folk och Försvar" which is a benchmarking forum for discussions on Swedish security politics, national defence and societal security. For the first time in "the conference's 30-year history, the issue of climate change was designated its own session, marking its increasing importance. Watch the entire session ["Klimatförändringar - samhället och säkerhetspolitik" here](#).
- CNDS Director, Giuliano Di Baldassarre, together with an international team of water scientists have developed **a new zoning tool that provides global topographic datasets** in minutes in order to help unveil the Earth's floodplains. This research and the first high-resolution global map of Earth's floodplains have been documented in an article in [the Nature's journal Scientific Data](#).
- In the article ["Water shortages worsened by reservoir effects" published in Nature Sustainability](#), an international team of drought scientists, led by professor Giuliano Di Baldassarre, have demonstrated that while many dams and reservoirs are built, or expanded, to alleviate droughts and water shortages, they can paradoxically contribute to make them worse. In a blog, [Giuliano shares his "behind the scene" experiences](#) of the writing process behind this publication.
- CNDS fellow [Charles F. Parker](#) and his colleague Christer Karlsson wrote a **blog examining the role the EU had in the United Nations climate conference in Katowice (COP24)**. The climate negotiations produced a deal on implementing the Paris climate agreement but in the absence of a constructive approach from the United States, the EU sought to provide leadership by working together with China and other partners. [Read the entire blog](#).
- [New article on the effectiveness of national and EU-level civil protection systems: evidence from 17 member states](#). In their research efforts, CNDS Charles Parker and colleagues utilized survey data from civil protection agencies in 17 EU member states to shed light on the factors that promote national and EU-level effectiveness in civil protection and crisis management. The study found both the extent to which a national civil protection agency is organized hierarchically and adheres to a rule governed structure and the extent to which the agency scores highly with regards to a trust-based, professional culture are significantly related to the degree to which civil protection practitioners will value national and EU-level civil protection institutions.

- CNDS researchers at the Centre for Climate and Safety (CCS at Karlstad University) assert that experiences from using Riskville as a pedagogical model have proven to be a good starting point for introducing and discussing the connection between urban planning and risk management. These experiences have been documented and published in the scientific journal article "[Riskville - A Game for Learning about Disaster Risks and Urban Planning.](#)"

List of new publications, debate articles, blogs, and opinion pieces

- Reynolds Pugo, José Eduardo (2019). [Flood Prediction in data-scarce basins - Maximising the value of limited hydro-meteorological data.](#) Doctoral thesis. Uppsala University, Disciplinary Domain of Science and Technology, Earth Sciences, Department of Earth Sciences, LUVAL.
- Di Baldassarre, G., Wanders, N., AghaKouchak, A., Kuil, L., Rangelcroft, S., Veldkamp, T.I.E., Garcia, M., van Oel, P.R., Breinl, K., and Van Loon A.F. (13 November 2018). [Water shortages worsened by reservoir effects.](#) Nature Sustainability.
- Fernando Nardi, Antonio Annis, Giuliano Di Baldassarre, Enrique R. Vivoni, Salvatore Grimaldi (15 January 2019) "[GFPLAIN250m, a global high-resolution dataset of Earth's floodplains.](#)" Scientific Data, 6, 180309.
- Christenson, N, Koivisto, J., Persson, E., Hindersson, E., Gustafsson, K. and Pettersson, A. (2018) Riskville - A Game for Learning about Disaster Risks and Urban Planning. International Journal of Mass Emergencies and Disasters. November 18, Vol 36, No 3. pp. 238-246.
- Hermansson, Helena and Sara Bondesson (2018) "[Looking further, looking deeper – rethinking disaster resilience.](#) The magnitude of a disaster is not measured solely by the size of an earthquake or strength of a storm. It depends on how societies are structured and organised, as this affects their disaster resilience." Opinion piece. *Re.Think-Resilience thinking for Global Development.*
- Parker, Charles and Christer Karlsson (2019) "[EU climate leadership in Katowice helped deliver the deal on the Paris Agreement rulebook.](#)" Blog posted on "EUROPP" administered by The London School of Economics and Political Science.
- Parker, Charles F., Thomas Persson, and Sten Widmalm (26 September 2018) [The effectiveness of national and EU-level civil protection systems: evidence from 17 member states.](#) Journal of European Public Policy.

Reminders

- Please send your updates (new publications, conference participation, video footage, news items or any other exciting events we should share) to [Stephanie Young](#) or [Johanna Mård.](#)
- 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"



Hijack the CNDS twitter account and keep the rest of us updated on what's happening. If you are interested in doing this, please contact [Stephanie Young](#) or [Frederike Albrecht.](#)

Links to the CNDS units

Uppsala University

[Department of Earth Sciences](#)

[Department of Government](#)

[Department of Peace and Conflict Research](#)

[Department of Engineering Sciences](#)

[Department of Information Technology](#)

Karlstad University

[Centre for Climate and Safety](#) (CCS)

Swedish Defence University

[Centre for Societal Security](#)

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