



Centre of Natural Hazards & Disaster Science

Dear CNDS fellows,

Hope everyone is surviving the chaos often associated with closing out the year and preparing for the holidays. Hope you all will have the opportunity to relax and recharge your batteries for 2020.

The new year will provide opportunities for research funding for interdisciplinary work within natural hazard and disaster science for Early Career Scientists (PhD students and postdocs from any department of CNDS partnering universities; i.e. Uppsala University, Karlstad University and Swedish Defence University). These **CNDS Interdisciplinary Grants** are being offered to encourage research activities that cross disciplinary boundaries. You find details in the attached pdf. Please feel free to forward this call to potential candidates. Deadline: **31 January 2020**. For any questions related to the call, please contact johanna.maard@gmail.com

Here are the activities that have already been scheduled for 2020, so mark your calendars!

Scheduled CNDS activities in 2020

- **22 January, 14:00 – 17:00, Swedish Defence University** - PhD-focused Research seminar being organized by Kristina Petrova. Programme will be distributed soon after the holidays. If you would like to attend, please send an email with any dietary requests to [Stephanie Young](mailto:Stephanie.Young).
- **31 January** – Deadline for CNDS Interdisciplinary Grants. See attached pdf.
- **20 February, 14:00 – 17:00, Swedish Defence University** - Research seminar commemorating UN World Day of Social Justice being organized by Giuliano Di Baldassarre and Maria Rusca.
- **7 April, 14:00 – 17:00, Swedish Defence University** - Research seminar commemorating WHO World Health Day being organized by Lars Nyberg.
- **4 June, 14:00 – 17:00, Swedish Defence University** - Research seminar commemorating UN World Environment Day being organized by Johanna Mård.
- **24-28 August, Uppsala University** - Summer school being organized by Johanna Mård. Invited guest lecturers include Claire Horwell (Recipient of the 2020 EGU Plinius Medal, and also a key note speaker at NEEDS conference in Uppsala, June 2019) and Hannah Cloke (Guest professor at Uppsala University and Recipient of the 2018 EGU Plinius Medal).
- **26 August, entire day, Uppsala University** - Annual Assembly, including meeting, dinner (together with summer school PhD students), and a team building activity being organized by Johanna Mård and Giuliano Di Baldassarre.



- **15 September, 14:00 – 17:00, Swedish Defence University** - Research seminar commemorating UN International Day of Democracy being organized by Daniel Nohrstedt and Charles Parker.
- **13-14 October, Stockholm** – CNDS Forum on Natural Hazards, in part commemorating UN International Day for Disaster Risk Reduction being organized by Stephanie Young, Nina von Uexkull, and Johanna Mård.
- **10 December, 14:00 – 17:00, Swedish Defence University** - Research seminar in tribute to Nobel research advancements being organized by Klas Hjort.

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

- **Att samverka i kris. Vanliga människor i ovanliga situationer.** Bondesson, Sara, Fredrik Bynander, och Helena Hermansson (2019). Lund: Nordic Academic Press. Abstract: I boken möter vi människor som i akuta krissituationer ställs inför olika samarbetsproblem och dilemman. Deras historier berättas i skönlitterär form och illustrerar inlevelsefullt mellanmänniskt samspel i krislägen. Berättelserna levandegör de efterföljande analyserna och teoretiskt förankrade resonemangen där författarna kartlägger och belyser problematik och trångmål som uppstår under kritiska omständigheter. Stoffet i skildringarna är empiriskt material från verkliga situationer som terrordåd och skogsbränder, och författarna har lagt sig vinn om att på ett pedagogiskt sätt visa på de utmaningar som kan uppstå vid samverkan i krissituationer. De analyserar händelseförloppen med hjälp av forskningsrön och beskriver också det svenska förvaltningssystemets betydelse för respektive krissituation. På så vis får läsaren även med sig kunskaper om det svenska krisberedskapssystemet.
- **Facilitating Doctoral Education in Cross-disciplinary Milieus: Experiences from PhD-candidates** by Malin Mobjörk, Camilla Berglund, Mikael Granberg, Magnus Johansson, Margareta Dahlström, Jon Moen, Lars Nyberg och Mariele Evers. Abstract: How can we improve cross-disciplinary research environments? Cross-disciplinarity shapes a significant amount of research today and many PhD candidates contribute to this research. Doctoral education is a formative phase in a researcher's intellectual development. Despite a large body of research about cross-disciplinarity, less attention has focused on how cross-disciplinarity shapes doctoral education. This report explores the organisation of doctoral education in four cross-disciplinary research milieus and the experiences of 14 PhD candidates enrolled in these milieus. One key finding is that PhD candidates are more comfortable when their education has involved meta-communication about conceptual approaches and experiences of conducting cross-disciplinary research. This suggests that research milieus should provide doctoral education in cross-disciplinary settings with a deliberative approach. This will both benefit the PhD candidates and the research milieus, and is central in the socialisation process of the next cadre of researchers and for the future of cross-disciplinary research.
- **"Why Gender Does Not Stick: Exploring Conceptual Logics in Global Disaster Risk Reduction Policy"** by Sara Bondesson. In Climate Hazards, Disasters, and Gender Ramifications. Abstract: This chapter provides an analysis of the Sendai Framework for action; the central policy document in the global field of Disaster risk reduction (DRR). It identifies two conceptual logics in the Framework that prevent full incorporation of a gender perspective. Firstly, relief logic assumes a temporality of acuteness and prescribes male-dominated professional domains as experts. Secondly, a

techno-managerial logic proposes technical and managerial solutions to problems of disaster risk. DRR is a global field of policy planning and practice that involves systematic efforts to analyse and reduce the causal factors of disasters. A gender, age, disability and cultural perspective should be integrated in all policies and practices, and women and youth leadership should be promoted". A gender perspective needs to move beyond a mere focus on the number of women in DRR decision-making positions. A gender perspective highlights how gender roles are produced through social institutions that shape norms of behaviour, as well as access to rights and power.

- **"Gendered and Ungendered Bodies in the Tsunami: Experiences and Ontological Vulnerability in Southern Thailand" by Claudia Merli.** In Climate Hazards, Disasters, and Gender Ramifications. Abstract: This chapter focuses on the embodied experiences of women and men during and in the aftermath of the 2004 Indian Ocean tsunami. It explores ethnographic material collected in Thailand's southernmost western province from December 2004 to March 2005 and on subsequent returns to the field to analyse how people lived the catastrophe through theirs and others' bodies. The 2004 tsunami put the Global North into a shared vulnerability in a natural disaster rarely envisioned in a technocratic society. A different and more intimate relation between fish and human bodies turned out to impact the aftermath of the tsunami via a tangible fear of unintentional anthropophagy. The chapter considers perspectivistic analyses very significant for reflecting on the endangered definition of subjectivity, objectivity and personhood of the post-tsunami's potential fish eaters. Gendered bodies as sexually active bodies were mentioned as a remote cause of the tsunami in religious interpretations that attributed the triggering of the disaster to unbridled sexuality and moral corruption.
- **"Disaster management policy and governance" by Helena Hermansson and Naim Kapucu.** In Routledge Handbook of Turkish Politics. Abstract: This chapter focuses on disaster policies and implementation in Turkey. Disaster regulations have traditionally been adopted in the wake of disasters, rather than adopting proactive measures before they occur. Various risk-reducing strategies have traditionally focused on mitigating seismic risk. Despite the long tradition of developing disaster management policies and legislation to reduce disaster risk, Turkish disaster mitigation, preparedness, and response have been perceived as ineffective. Especially, the lack of coordination and cooperation, a predominant focus on response activities compared to preparedness and planning activities, and having an overly centralised structure that discourages grass roots and non-governmental organisations' participation usually come to the fore.
- Dodman, D., Adelekan, I., Brown, D., Leck, H., Manda, M. et al. (2019). ***A spectrum of methods for a spectrum of risk: Generating evidence to understand and reduce urban risk in sub-Saharan Africa.*** Area (London 1969), 51(3): 586-594.
- Rusca, M., dos Santos, T., Menga, F., Mirumachi, N., Schwartz, K. et al. (2019). ***Space, state-building and the hydraulic mission: Crafting the Mozambican state.*** Environment and Planning C: Politics and Space, 37(5): 868-888.
- Walter, Thomas R.;Mahmud Haghshenas Haghghi; Felix M. Schneider; Diego Coppola; Mahdi Motagh; Joachim Saul; Andrey Babeyko; Torsten Dahm; Valentin R. Troll; Frederik Tilmann; Sebastian Heimann; Sébastien Valade; Rahmat Triyono; Rokhis Khomarudin; Nugraha Kartadinata; Marco Laiolo; Francesco Massimetti & Peter Gaebler (2019) **"Complex hazard cascade culminating in the Anak Krakatau sector collapse."** Nature Communications volume 10, Article number: 4339.



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- Bynander, Fredrik. **“Only trees burning? The Mid-Sweden Forest Fire of 2014.”** In: *Societal Security and Crisis Management: Governance Capacity and Legitimacy*, edited by Per Læg Reid and Lise H. Rykkja, p. 115-132. Houndmills. Basingstoke: Palgrave Macmillan. 2019.
- Koraeus, Mats and Fredrik Bynander. **”Suburban Eruption: The Management of Social Unrest in the Suburbs of Stockholm in 2011.”** In: *Societal Security and Crisis Management: Governance Capacity and Legitimacy*, edited by Per Læg Reid and Lise H. Rykkja, p. 169-186. Houndmills. Basingstoke: Palgrave Macmillan. 2019.
- Albrecht, F. & C.F. Parker (2019) **Healing the Ozone Layer: The Montreal Protocol and the Lessons and Limits of a Global Governance Success Story.** In: Compton, M. & P. ‘t Hart (eds) *Great Policy Successes. Or, a tale about why it’s amazing that governments get so little credit for their many everyday and extraordinary achievements as told by sympathetic observers who seek to create space for a less relentlessly negative view of our pivotal public institutions.* Oxford University Press. pp. 304-322.
- Oriangi, G., F. Albrecht, G. Di Baldassarre, Y. Bamutaze, P.I. Mukwaya, J. Ardö & P. Pilesjö (2019) **Household resilience to climate change hazards in Uganda.** *International Journal of Climate Change Strategies and Management.* Early cite. DOI: <http://dx.doi.org/10.1108/IJCCSM-10-2018-0069>.
- Ridolfi, E., F. Albrecht & G. Di Baldassarre (2019) **Exploring the role of risk perception in influencing flood losses over time.** *Hydrological Sciences Journal.* Online first. DOI: <https://doi.org/10.1080/02626667.2019.1677907>.

Announcement

- Several CNDS fellows will be co-organizing sessions and short courses at the General Assembly 2020 of the European Geosciences Union (EGU) being held at the Austria Center Vienna (ACV) on 3–8 May 2020. The EGU General Assembly 2020 brings together geoscientists from all over the world to one meeting covering all disciplines of the Earth, planetary and space sciences. The EGU aims to provide a forum where scientists, especially early career researchers, can present their work and discuss their ideas with experts in all fields of geoscience.

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](#)

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Karlstad University

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