

CNDS publications 2017

Peer-reviewed

- Albrecht, Frederike (2017) *The Social and Political Impact of Natural Disasters: Investigating Attitudes and Media Coverage in the Wake of Disasters* Doctoral dissertation. Uppsala University, Sweden.
- Bondesson, Sara (2017) *Vulnerability and Power: Social Justice Organizing in Rockaway, New York City, after Hurricane Sandy*. Doctoral dissertation. Uppsala University, Sweden
- Breinl, K., Di Baldassarre, G., Girons Lopez, M., Hagenlocher, M., Vico, G. et al. (2017). Can weather generation capture precipitation patterns across different climates, spatial scales and under data scarcity? *Scientific Reports*. DOI:10.1038/s41598-017-05822-y
- Budd D.A., Troll V.R., Deegan F.M., Jolis E.M., Smith V.C., Whitehouse M.J., Harris C., Freda C., Hilton D.R., Halldórsson S.A. and Bindeman I.N. (2017) “Magma reservoir dynamics at Toba caldera, Indonesia, recorded by oxygen isotope zoning in quartz.” *Scientific Reports*, 7: 40624.
- Ciullo, A., Viglione, A., Castellarin, A., Crisci, M., and Di Baldassarre, G. (2017) Hydrological “Socio-hydrological modelling of flood-risk dynamics: comparing the resilience of green and technological systems.” *Sciences Journal*, vol. 62, ss. 880-891.
- Di Baldassarre, G., Martinez, F., Kalantari, Z., and Viglione, A. (2017) “Drought and flood in the Anthropocene: feedback mechanisms in reservoir operation.” *Earth System Dynamics*, . vol. 8, ss. 1-9.
- Eriksson, Lina (2017) *Natural Disasters and National Election: On the 2004 Indian Ocean Boxing Day Tsunami, the 2005 Storm Gudrun and the 2006 Historic Regime Shift*. Doctoral dissertation. Uppsala University, Sweden
- Fuentes-Andino, Diana (2017) *Flood Hazard Assessment in Data-Scarce Basins: Use of alternative data and modelling techniques*. Doctoral dissertation. Uppsala University, Sweden.
- Gobeyn, S., Van Wesemael, A., Neal, J., Lievens, H., Van Eerdenbrugh, K. et al. (2017) “Impact of the timing of a SAR image acquisition on the calibration of a flood inundation model.” *Advances in Water Resources*, vol. 100, ss. 126-138.
- Hermansson, Helena (2017) *Centralized Disaster Management Collaboration in Turkey*. Doctoral dissertation. Uppsala University, Sweden.
- Olauson, J., Edström, P., Rydén, J. (2017). "Wind turbine performance decline in Sweden." *Wind Energy*, ss. 1-5. DOI: 10.1002/we.2132
- Parker, C. (2017) “Jerry Brown and the Triumph of Leadership: Leadership Capital and the Financial Rescue of California.” In *The Leadership Capital Index*, edited by Mark Bennister, Ben Worthy, and Paul 't Hart (red.), Oxford: Oxford University Press. ss. 101-120.

- Parker, C., Karlsson, and C., Hjerpe, M. (2017) “Assessing the European Union’s global climate change leadership: from Copenhagen to the Paris Agreement.” *Journal of European Integration* . vol. 39, ss. 239-252.
- Sjökvist, Linnea and Göteman, Malin (2017). "Peak forces on wave energy linear generators in tsunami and extreme waves." *Energies*
- Sjökvist, L., Rahm, M., Waters, R., Svensson, O., Strömstedt, E. et al. (2017). "Calculating Buoy Response for a Wave Energy Converter - a Comparison Between Two Computational Methods and Experimental Results." *Theoretical and Applied Mechanics Letters*.
- Sjökvist, Linnea; Wu, Jinming; Ransley, Edward; Engström, Jens; Eriksson, Mikael et al. (2017) "Numerical models for the motion and forces of point-absorbing wave energy converters in extreme waves.”
- Ulvgård, Liselotte; Sjökvist, Linnea; and Leijon, Mats (2017) "Speed Dependent PTO Damping in a Linear Generator for Wave Power - Measured Damping and Simulated WEC Behaviour.”

Other scientific publications

Peer-reviewed conference papers

Popular Science