

Curriculum Vitae

Mag. **Gerald ZOJER**

Visiting Researcher, PhD Candidate
Northern Institute for Environmental and Minority Law
Arctic Centre, University of Lapland
Email: gerald.zojer@ulapland.fi

Education:

- since 2015 PhD Candidate, Faculty of Social Sciences, University of Lapland.
- 2010 – 2013 Arctic Studies Programme at the University of Lapland,
- 2006 – 2014 Diploma study programme (Mag.): *International Development*; University of Vienna (research focus: sociology of technology, environmental politics, hegemony theories, and energy politics).
- 1999 – 2003 College for Mechanical Engineering in Klagenfurt, Lastenstraße
- 1997 – 2001 Part-time vocational school in Villach

Career

- 2019 Researcher, ECoHuCy project (Enablement besides Constraints: Human Security and a Cyber Multi-disciplinary Framework in the European High North; NordForsk)
- 2015 – 2018 Researcher, HuSArctic project (Project funded by Academy of Finland and hosted in the Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland)
- 2018-Aug.
- 2014-Oct. - 2015-Feb. Research assistant; ACCESS project (Arctic climate change, economy and society), Anthropology research team, Arctic Centre, University of Lapland
- 2006 – 2010 Freelancer at OMV Exploration & Production GmbH (support of Operations Geology and trainer for geological-reporting software)
- 2004 – 2005 Technical Assistant at OMV Exploration & Production GmbH (Project Management dept.) in Vienna, Austria (www.omv.com)
- 2002 – 2003 Product Development Engineer at Flowserve Schmidt Armaturen GmbH
- 1997 – 2001 Machine Fitter Apprenticeship at Flowserve Schmidt Armaturen GmbH in Villach (www.flowserve.com)

Peer Reviewed Publications

- Zojer, G. (2019). Free and open source software as a contribution to digital security in the Arctic. *Arctic Yearbook, 2019*, 173–188.
- Zojer, G. (2019). The Interconnectedness of Digitalisation and Human Security in the European High North: Cybersecurity Conceptualised through the Human Security Lens. *The Yearbook of Polar Law, 10*(1), 297–320. https://doi.org/10.1163/22116427_010010014
- Zojer, G. (2018). The Role of Hydrocarbon Development in Arctic Governance: A suitable Approach for Human Development in the Region? In K. Hossain, J. M. Roncero, & A. Petrétei (Eds.), *Human and Societal Security in the Circumpolar Arctic. Local and Indigenous Communities* (pp. 212–243). Brill Nijhoff.
- Hossain, K., Zojer, G., Greaves, W., Roncero, J. M., & Sheehan, M. (2017). Constructing Arctic security: An inter-disciplinary approach to understanding security in the Barents region. *Polar Record, 53*(01), 52–66. <https://doi.org/10.1017/S0032247416000693>
- Hossain, K., Koivurova, T., & Zojer, G. (2014). Understanding Risks Associated with Offshore Hydrocarbon Development. In E. Tedsen, S. Cavalieri, & R. A. Kraemer (Eds.), *Arctic marine governance: Opportunities for Transatlantic cooperation* (pp. 159–176). Springer.

Scientific Publications

- Zojer, G. (2019). Theorising security: A human security perspective on cybersecurity. In G. Zojer (Ed.), *Enablement besides Constraints: Human Security and a Cyber Multi-disciplinary Framework in the European High North. Synthesis Report*. (pp. 6–24). University of Lapland Printing Centre.
- Zojer, G. and Olsén, L. (2016). *Calotte Academy 2016: Building Arctic resilience through open communication*. Briefing note, *Arctic Yearbook*, 208–213.
- Zojer, G. (2015): *Book Review*: Haydn Washington, 2013: Human Dependence on Nature. How to help solve the environmental crisis. In: G. Alfredsson and T. Koivurova (Ed.): *The Yearbook of Polar Law, 6*(1), 629–635. https://doi.org/10.1163/1876-8814_022
- Zojer, G. (2015): *Book Review*: Geopolitics and Security in the Arctic. Regional Dynamics in a Global World. *Polar Record, 51*(05), 574–575. <https://doi.org/10.1017/S0032247415000558>
- Zojer, G. (2014): *Energy Politics in Arctic Governance: A shift from environmental protection toward economic development?* Diploma thesis, University of Vienna.

Edited Volumes

- Zojer, G. (Ed.). (2019). *Enablement besides Constraints: Human Security and a Cyber Multi-disciplinary Framework in the European High North. Synthesis Report*. University of Lapland.
- Zojer, G., & Hossain, K. (2017). *Rethinking multifaceted human security threats in the Barents Region: A multilevel approach to societal security*. University of Lapland Printing Centre.

Teaching

Course:

Arctic Law and Governance.

Spring Term 2016 & 2017. Part of Master's Degree Programme in International and Comparative Law, Faculty of Law, University of Lapland.

Lectures:

Global Economy and Arctic Governance and Adoption of Modern Technologies in Arctic Societies

12th International Summer School in Lapland, “The Politics of Nature: States, Borders, and Limits of Modernity.” Kilpisjärvi, Finland, August 6–14, 2018. Summer school organised by Moscow Higher School of Economics, Aleksanteri Institute - University of Helsinki, and University of Tromsø – The Arctic University of Norway.

Conceptualizing Digitalisation in the European High North as a Matter of Human Security
International Summer School in Karelia (ISSK), “Discourses and dimensions of the Barents Region, the EU and the entire North - theories & methods of Arctic studies.” Petrozavodsk, Russian Federation, May 14–19, 2018. Summer school organised by Petrozavodsk State University, Aleksanteri Institute, University of Helsinki, and University of Lapland.

Main discourses in Arctic governance: A comparative analysis of the Barents Euro-Arctic Council and the Arctic Council

International Summer School in Karelia (ISSK) 2016, at the Petrozavodsk State University.

Media Appearances

Radio Interview on Sámi culture and music, WGDR Goddard college community radio, Plainfield (VT), 24 October 2019

Stromberger P. and M. Guancioli (Producer), Federl M. (Director) 2015. *Eine Reise durch das Lapland auf den Spuren der Samen*. Documentary film. Austria: ORF (Austrian national public service broadcaster). Appearance as Interview partner and moderator [A journey through Lapland on the trails of the Sámi].

Recent Conference Presentations (Selection)

Interconnection Between Software Property Regimes and Digital Security in the Arctic. Rovaniemi Arctic Spirit Conference, Rovaniemi, 12-13 November, 2019

FLOSS as a Contribution to Digital Security in the Arctic. Arctic Circle Assembly, Reykjavik, 10-13 October, 2019

Open Source Software as a Contribution to Human Security in the Arctic. 20 October 2018, Arctic Circle Assembly, Reykjavík (ISL).

Contextualizing cybersecurity as a domain of human security: The interconnectedness of digitalisation and human security in the European Arctic. 14 November 2017, Polar Law Symposium, Rovaniemi (FIN).

When the oil comes back: adaptation of Arctic inhabitants to hydrocarbon technologies. 2 June 2017, Calotte Academy, Kirkenes (NOR).

Arctic governance under the influence of a global fossil-industrial way of life. 7 October 2016, Arctic Circle Assembly, Reykjavik (ISL).

The human development agenda in Arctic governance and its interplays with a global fossil-industrial way of life. 3 September 2016, Petrocultures Conference 2016: The Offshore, St. John's, NL (CAN).

The Arctic Council between global interests and regional development: A continuation of the prevailing economic order. 3 June 2016, Calotte Academy, Murmansk (RUS).

Arctic hydrocarbon resources: Curse or blessing for societal security in the Arctic? 17 August 2015, NSF Arctic-FROST Conference, St. Petersburg (RUS).

Previous Grants

2013 KWA (grant for short term scientific research abroad), University of Vienna

Thematic Network Activities

Member of UArctic Thematic Network *Geopolitics and Security*

Member of UArctic Thematic Network *Arctic Extractive Industries*

Other Academic Activities

Since 2016 co-coordinator of the *Calotte Academy*.

Recent Project Involvements

ACCESS (Arctic Climate Change, Economy and Society)

Arctic-FROST (Arctic FRontiers Of SusTainability: Resources, Societies, Environments and Development in the Changing North)

ECoHuCy (Enablement besides Constraints: Human Security and a Cyber Multi-disciplinary Framework in the European High North)

GlobalArctic

HuSArctic (Human Security as a promotional tool for societal security in the Arctic: Addressing Multiple Vulnerability to its Population with Specific Reference to the Barents Region)

SubZero (From Thematic Network on Communicating Arctic Research)