

Curriculum Vitae

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Personal Details

Name: ZOJER, Gerald

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Degrees

Magister (maisteri), Individual diploma study International Development, University of Vienna (Universitätsring 1, 1010 Wien, Austria), 25 April 2014. Diploma thesis: *Energy Politics in Arctic Governance: A shift from environmental protection toward economic development?*

Diploma certificate from Secondary College for Mechanical Engineering – Special training focus mechanical engineering and plant technology, Höhere Technische Bundeslehranstalt Klagenfurt (Lastenstraße 1, 9020 Klagenfurt, Austria), 25 June 2003.

Other education and expertise

Arctic Studies Programme (60 ECTS), University of Lapland, 2013

International Finnish-Russian Summer School in Lapland, Aleksanteri Institute – University of Helsinki and National Research University – Higher School of Economics, Moscow; Kilpisjärvi, August 2011

International Summer School in Karelia, University of Helsinki and Petrozavodsk State University, Petrozavodsk, May 2011

Training in Basic Drilling Technology, by Petroskills; Dubai, March 2005

Training in Basic Petroleum Geology, by Petroskills; Calgary, September 2004

Apprenticeship training as machine fitter, Flowserve Schmidt Armaturen GmbH (Kasernengasse 6, 9500 Villach, Austria) and vocational training school Villach, 1997-2001.

Language skills

German (native language), English (C1), Finnish (A2), and Russian (A2)

Current employment

Researcher at Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland (Pohjoisranta 4, 96100 Rovaniemi, Finland), January 2021-June 2022.

PhD Candidate at Faculty of Social Sciences, University of Lapland (Yliopistonkatu 8, 96300 Rovaniemi, Finland), since January 2015.

Previous work experience

Visiting Researcher at Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland (Pohjoisranta 4, 96100 Rovaniemi, Finland), January 2020-June 2021.

Researcher, Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland, ECoHuCy project (Enablement besides Constraints: Human Security and a Cyber

Multi-disciplinary Framework in the European High North), funded by Nordforsk, January 2019 - December 2019.

Researcher, Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland, HuSArctic project (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), funded by Academy of Finland, February 2015 – February 2017, and August 2017 – December 2018.

Research assistant, Anthropology research team, Arctic Centre, University of Lapland, ACCESS project (Arctic climate change, economy and society), October 2014 – February 2015.

Freelancer for Operations Geology department at OMV Exploration & Production GmbH (Vienna, Austria), 2006-2010.

Technical Assistant in Project Management department, OMV Exploration & Production GmbH (Vienna, Austria), 2004-2005.

Product Development Engineer at Flowserve Schmidt Armaturen GmbH (Villach, Austria), 2002-2003

Research funding and grants

Ella ja Georg Ehrnrooth Foundation, 24.06.2021-23.06-2022, 26.000€, individual work grant for doctoral studies.

NordForsk, 1.1.2017-31.12.2019, 820.584 €, ECoHuCy research project. Contributor to project proposal. PI Prof. Kamrul Hossain.

Academy of Finland, 1.1.2015-31.12.2018, 550.000 €, HuSArctic research project. Contributor to project proposal. PI Prof. Kamrul Hossain.

Research output

17 scientific publications:

Peer reviewed publications

Zojer, G. (2020): *Moving the Human Being into the Focus of Cybersecurity* In: Salminen, M., Zojer, G. and Hossain, K. (eds.): *Digitalisation and Human Security: A Multi-Disciplinary Approach to Cybersecurity in the European High North*. Palgrave Macmillan, pp. 353-363.

Salminen, M. and Zojer, G. (2020): *A Human Security Perspective on Cybersecurity in the European High North*. In: Salminen, M., Zojer, G. and Hossain, K. (eds.): *Digitalisation and Human Security: A Multi-Disciplinary Approach to Cybersecurity in the European High North*. Palgrave Macmillan, pp. 3-17.

Salminen, M., Zojer, G. and Hossain K. (2020): *Comprehensive Cybersecurity and Human Rights in the Digitalising European High North*. In: Salminen, M., Zojer, G. and Hossain, K. (eds.): *Digitalisation and Human Security: A Multi-Disciplinary Approach to Cybersecurity in the European High North*. Palgrave Macmillan, pp. 21-55.

Zojer, G. (2019): *Free and Open Source Software as a Contribution to Digital Security in the Arctic*. In: *Arctic Yearbook 2019*, pp. 173-188. ([open access](#))

Zojer, G (2019): *The Interconnectedness of Digitalisation and Human Security in the European High North: Cybersecurity Conceptualised through the Human Security Lens*. In: *The Yearbook of Polar Law*, Vol. 10/2018, pp. 297-320.

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 Martín, and A. Petrétei (eds.): *Human and Societal Security in the Circumpolar Arctic. Local and Indigenous Communities*. Leiden and Boston: Brill Nijhoff, pp. 212-243.

Hossain, K., G. Zojer, W. Greaves, M. Roncero, and M. Sheehan (2017): *Constructing Arctic security: An inter-disciplinary approach to understanding security in the Barents Region*. Polar Record, Vol. 53 (1), pp. 52-66.

Hossain K., T. Koivurova, and G. Zojer (2014): *Understanding risks associated with offshore hydrocarbon development*. In: E. Tedsen, S. Cavalieri and A.R. Kraemer (eds.): *Arctic Marine Governance: Opportunities for Transatlantic Cooperation*. Berlin and Heidelberg: Springer, pp. 159-176.

Edited volumes

Salminen, M., Zojer, G. and Hossain, K. (eds.) (2020): *Digitalisation and Human Security: A Multi-Disciplinary Approach to Cybersecurity in the European High North*. Palgrave Macmillan.

Zojer, G. (ed.) (2019): *Enablement Besides Constraints: Human Security and a Cyber Multi-Disciplinary Framework in the European High North*. Synthesis Report. Juridica Lapponica 47. Rovaniemi: University of Lapland Printing Centre. ([open access](#))

Scientific publications

Zojer, G. (2020): *Calotte Academy 2019 Final Report - Future Arctic Societies: Scenarios, Innovations, Best Practices & Actors*. Briefing note, Arctic Yearbook 2020, pp. 500-504.

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. Juridica Lapponica 47. Rovaniemi: University of Lapland Printing Centre, pp. 6-24. ([open access](#))

Zojer, G. and Hossain, K. (2017): *Rethinking multifaceted human security threats in the Barents Region: A multilevel approach to societal security*. Juridica Lapponica 42. Rovaniemi: University of Lapland Printing Centre. ([open access](#))

Zojer, G. and L. Olsén (2016): *Calotte Academy 2016: Building Arctic resilience through open communication*. Briefing note, Arctic Yearbook 2016, pp. 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 (eds.): *The Yearbook of Polar Law*, Vol. 6, 2014. Leiden and Boston: Brill Nijhoff, pp. 629-635.

Zojer, G. (2015): *Book Review: Geopolitics and Security in the Arctic. Regional Dynamics in a Global World*. In: *Polar Record*, Vol. 51, Issue 05, pp. 574-575.

Zojer, G. (2014): *Energy Politics in Arctic Governance: A shift from environmental protection toward economic development?* Diploma thesis, University of Vienna.

Artistic works

Premiere screening of film “A chronology of freezing” (cinematographer) with live music, 16 November 2021, Enontekiö church.

Curating and presenting of visual art during Live photo music gallery: Merkillisiä maailmoja – soiva luontokuvanäyttely, 09 January 2021, Enontekiö church.

Photo presentation, “Pakenevia näkyjä,” 06 November 2020, Enontekiö church.

Teaching Merits

Courses

Arctic Law and Governance. Teaching during spring semester 2016 and 2017, as part of the Master's Degree Programme in International and Comparative Law (MICLaw), Faculty of Law, University of Lapland.

Lectures

Global Economy and Arctic Governance; and Adoption of Modern Technologies in Arctic Societies at 12th International Summer School in Lapland, “The Politics of Nature: States, Borders, and Limits of Modernity.” Kilpisjärvi, Finland, August 6–14, 2018.

Conceptualizing Digitalisation in the European High North as a Matter of Human Security during International Summer School in Karelia (ISSK) 2018, Petrozavodsk State University, Russian Federation, May 2018.

Main discourses in Arctic governance: A comparative analysis of the Barents Euro-Arctic Council and the Arctic Council, during International Summer School in Karelia (ISSK) 2016, Petrozavodsk State University, May 2016.

Other key academic merits

Coordinator of UArctic Thematic Network (TN) on Geopolitics and Security, since 2019.

Member of steering committee & (co-)coordinator of the annual travelling symposium Calotte Academy 2016, 2017, 2018, 2019, and 2021.

Member of National Science Foundation (NSF) funded Arctic-FROST network (Arctic FRontiers Of SusTainability: Resources, Societies, Environments and Development in the Changing North), hosted at University of Northern Iowa (PI Andrey Petrov).

Referee for article published in: K. Hossain, J.M. Roncero Martín, and A. Petrétei (eds.): *Human and Societal Security in the Circumpolar Arctic. Local and Indigenous Communities*. Leiden and Boston: Brill Nijhoff

Co-coordinator of:

ECoHuCy Final Meeting. Rovaniemi and Kilpisjärvi, November 2019.

HuSArctic Conference. Helsinki, October 2018.

Polar Law Symposium. Rovaniemi, November 2017.

International Conference on Human and Societal Security in the Circumpolar Arctic with specific focus on the Barents region: Environment, Sustainability and Development. Enontekiö and Kautokeino, March 2017.

Scientific and societal impact

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

Expert interviewee and moderator in TV documentary: Stromberger P. and M. Guancioli (Producer), Federl M. (Director) 2015. *Eine Reise durch das Lappland auf den Spuren der Samen* [A journey through Lapland on the trails of the Sámi; own translation]. Documentary film. Austria: ORF (Austrian national public service broadcaster)

Other merits

Founder of KaamosCreations (<https://kaamoscreations.com>), a network to help and support artists, small businesses, researchers, and research projects to digitise their activities and to provide digital infrastructures based on ethical software.