

curriculum vitae

Dr. sc.
Mag. rer. nat.
Susanne Hanger-Kopp

Professional experience

Oct/2016-present	Lecturer Climate Policy Group, Department for Environmental Systems Science, ETH Zürich
Jan/2010 – present	Research Scholar Risk and Resilience Program, International Institute for Applied Systems Analysis (IIASA), Laxenburg (Austria)
Nov – Dec/2009	Researcher and administrator Institute for Urban- and Regional Research at the Austrian Academy of Sciences
Sep/2008 – Oct/2009	Coordinator PhD Program „Cultures of Difference. Transformation in Central Europe“ (Lead: Heinz Fassmann). University of Vienna
Mar/2006 – Jun/2008	Teaching assistant Department of Geography and Regional Research, <i>University of Vienna</i>
May/2004 – Oct/2009	European Youth Press: project coordination and external communication (2005-2007 member of the board, 2007-2008 speaker of the board)
Apr/2004 – Oct/2009	Jugendpresse Österreich: speaker of the board, HR, project conception and implementation, fundraising, moderation of workshops and other events

Education

Oct/2013 – Sept/2016	Doctoral Student Department for Environmental Systems Science, Climate Policy Group, ETH Zürich Thesis: Climate change adaptation governance in the European Union
Mar/2011 – Sept/2013	PhD candidate Institute for Environmental Studies, Free University Amsterdam,
Oct/2003 – Oct/2009	Graduate Studies Department of Romance Languages, University of Vienna Portuguese, Romanian
Oct/2002 – May/2009	Graduate Studies Institute for Geography and Regional Research, University of Vienna Master thesis: Romania and Cross-border Regional Development at the External EU Borders

Editorships

Chapter Lead Author: UNDRR Global Assessment Report on Disaster Risk Reduction 2022

Guest editor: Special Issue Assessing risks and uncertainties of low-carbon transition pathways. *Journal of Environmental Innovation and Societal Transitions*.

Publications:

ORCID: <http://orcid.org/0000-0001-7223-9991>

Journal articles (Peer reviewed)

- Hanger-Kopp S.**, T. Thaler, S. Seebauer, T. Schinko, A. Lückl, C. Clar (under review): The ability of adaptation pathways to reveal or anticipate path dependencies. *Global Environmental Change*.
- Lieu, S., **S. Hanger-Kopp**, O. van Vliet, A. Sorman (2020): Assessing risks and uncertainties of low-carbon transition pathways. *Journal of Environmental Innovation and Societal Transitions*.
- Hanger-Kopp, S.**, O. van Vliet, J. Lieu (in review): Analysing risk and uncertainty in an inter- and transdisciplinary project on low-carbon transitions. GAIA.
- Van Vliet, O. **S. Hanger-Kopp**, J. Lieu, A. Nikas, H. Doukas, E. Spijker, H. Carlsen (2020): The importance of stakeholders in scoping risk assessments – lessons from low-carbon transitions. *Journal of Environmental Innovation and Societal Transitions*.
- Hanger-Kopp, S.** & M. Palka (accepted): Decision spaces in agricultural risk management: A mental model study of Austrian crop-farmers. *Environment, Development and Sustainability*.
- Keating, A. & **Hanger, S.** (2019): Practitioner Perspectives of Disaster Resilience in Theory and Practice. *International Journal of Disaster Risk Reduction*.
- Lilliestam, J., Barradi, T., Caldés, N., Gomez, M., **Hanger, S.**, Kern, J., Komendantova, N., Mehos, M., Mun Hong, W., Wang, Z., Patt, A. (2018): Policies to keep and expand the option of concentrating solar power for dispatchable renewable electricity. *Energy Policy*.
- Lorant, A., Linnerooth-Bayer, J., **Hanger, S.**, (in review). Insurance, disaster risk reduction and climate change adaptation. *Mitigation and Adaptation Strategies for Global Change*.
- Hanger, S.**, Linnerooth-Bayer, J., Surminski, S., Lorant, A., Nenciu Posner, C., Ionescu, R., Patt, A. (2017). Insurance, public assistance and household flood risk reduction: A comparative study of Austria, England and Romania. *Risk Analysis*.
- Hanger S.**, N Komendantova, B Schinke, D Zejli, A Patt, A Ihlal (2016): Community acceptance of large-scale renewable energy in developing countries, evidence from Morocco. *Energy Research and Social Science*.
- Robledo Abad C, S Bolwig, G Berndes, E Corbera, F Creutzig, J Garcia-Ulloa, A Geddes, J Gregg, H Haberl, **S Hanger**, R Harper, C Hunseberg, R Larsen, C Lauk, S Leitner, J Lilliestam, H Lotze-Campen, B Muys, M Nordborg, M Ölund, B Orlowsky 2016: Bioenergy production and sustainable development: The science base for policy-making remains limited. *GCB Bioenergy*.
- Lilliestam, J. & **S. Hanger** (2016): Shades of green: Centralization, decentralization and controversy among European renewable electricity visions. *Energy Research and Social Science*
- Berkhout, F, L M. Bouwer, J Bayer, M Bouzid, M Cabeza, **S Hanger**, A Hof, et al. "European Policy Responses to Climate Change: Progress on Mainstreaming Emissions Reduction and Adaptation." *Regional Environmental Change*, May 5, 2015, 1–11. doi:10.1007/s10113-015-0801-6.
- Hanger, S.** Haug, C., Lung, T. & Bouwer, L. M. (2015). Mainstreaming climate change in regional development policy in Europe: Five insights from the 2007-2013 programming period. *Regional Environmental Change*.
- Hanger, S.**, Pfenninger, S., Dreyfus, M., & Patt, A. (2013). Knowledge and information needs of adaptation policy-makers: a European study. *Regional Environmental Change*, 13(1), 91–101.

Journal articles (non-peer reviewed)

Hochrainer-Stigler, S. & S. Hanger-Kopp (2017). Drought Insurance in Austria: Recent Reforms and Future Challenges. *Wirtschaftspolitische Blätter* 04/2017

Monographs

Hanger-Kopp, S., J. Lieu, A. Nikas, eds. (2019): Narratives of low carbon transitions: Understanding risks and uncertainties. Routledge.

Book chapters

Hanger-Kopp, S. & M. Palka (2020): Exploring Drought Resilience Through a Drought Risk Management Lens in Austria. In:

Hanger-Kopp, S., A. Nikas, and J. Lieu: Framing risks and uncertainties associated with low-carbon pathways. In: Hanger-Kopp, S., J. Lieu, A. Nikas, eds. (2019): Narratives of low carbon transitions: Understanding risks and uncertainties. Routledge

Jenny Lieu, **S. Hanger-Kopp,** W. van der Gaast, R. Taylor, and E. Dearnley: Transition pathways, risks, and uncertainties

Reviewer for peer-reviewed journals

i.a. Climatic change
Regional environmental change
Energy research and social science
Ecological economics

Invited presentations/panel discussions

Panelist at a workshop organized by Netzwerk Zukunftsraum Land LE14-20: Klimawandelanpassung am Betrieb – wie umgehen mit zunehmenden Hitze- und Trockenperioden? 21 June, 2018.

Hanger, S. (2018): Basic guidance on risks and uncertainties associated with the transition to low-carbon energies. Policy dialogue on sustainability and resilience of bioenergy: Connecting policy makers and researchers 5 – 6 February 2018, Bappenas, Jakarta, Indonesia.

Panelist at ETIA talks on Disaster risk prevention in Austria. Diplomatic Academy Vienna, 13 October 2017

Hanger, S. (2017): Landwirtschaftliches Risikomanagement in den USA und Kanada. 3. Sitzung zum Thema „GAP nach 2020 und Risikomanagement“ Ministry of Agriculture, Forestry, Water Management and the Environment. 29 June 2017.

Research projects

WaterStressAT: Climate change induced water stress – participatory modelling to identify risks and opportunities in Austrian regions. Austrian Climate Research Fund (ACRP) KR19ACoK1750. October 2020- Role: PI

Pathways Strategic decision-making in climate risk management: designing local adaptation pathways. Austrian Climate Research Fund (ACRP) KR18ACoK14632. December 2019- .

FARM Farmers and Risk Management: Examining subsidized drought insurance and its alternatives. Austrian Climate Research Fund (ACRP) KR15AC8K12597. May 2016 – April 2019. Role: Project management, WP lead (50%).

TRANSrisk Transitions pathways and risk analysis for climate change mitigation and adaptation strategies. EU Horizon 2020 GA#: 642260. September 2015-December 2018. Role: WP co-lead.

InsAdapt Insurance for adaptation. Austrian Climate Research Fund (ACRP) B175112. February 2013-January 2016. Role: Researcher (50%)

Desertecction Social challenges of trans-Mediterranean renewable power cooperation. ERC Grant Agreement No 313553. January 2013-December 2017. Role: Researcher (40%)

ENHANCE Improving the resilience of society to catastrophic natural hazards through new risk-management partnerships. EU 7th Framework Programme, Grant Agreement No 308438. Role: Researcher (<10%)

SAFELAND Living with landslide risk in Europe: Assessment, effects of global change and risk management strategies. EU 7th Framework Programme Grant Agreement No.: 226479. 2009-2012. Role: Researcher (<10%)

RESPONSES European responses to climate change deep emissions reductions and mainstreaming of mitigation and adaptation. EU 7th Framework Programme January Grant Agreement No.: 244092. 2010- April 2013. Role: Researcher (50%).

MEDIATION Methodology for Effective Decision-making on Impacts and Adaptation. EU 7th Framework Programme: Grant Agreement No.: 244012 January 2010- June 2013. Role: Researcher (50%).

Teaching

Climate Policy

Lecture course on climate mitigation policy. Part of the Environmental Science Master Program at ETH Zurich

Praktikum Anthroposphäre

Practical course teaching a qualitative/quantitative method mix to develop and assess energy scenarios for the Swiss energy system. Part of the Environmental Sciences Bachelor Program at ETH Zurich

Quantitative Policy Analysis and Modeling

Methods class introducing different theories, concepts and related policy analysis methods. Part of the Environmental Science Master Program at ETH Zurich.

Contact

Susanne Hanger-Kopp
 International Institute for Applied Systems Analysis
 Equity and Justice Research Group
 Population and Just Societies Program
 Schlossplatz 1, A-2361 Laxenburg, Austria
 tel: +43 (0)2236 807 508 mob: +43 (0)676 83 807 508
 e: hanger@iiasa.ac.at