

DR OLIVER GEDEN – CV

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Candidate for Working Group III Vice-Chair

PROFILE

Oliver Geden is a Senior Fellow at the German Institute for International and Security Affairs (SWP), Europe's largest policy-oriented research institute on international affairs, with the explicit mandate to advise the German federal parliament and government, the European Union's institutions as well as UN organizations. At SWP, Geden currently heads the Research Cluster on Climate Policy and Politics, after having led the EU/Europe Research Division. Furthermore, he is a permanent Research Fellow at the University of Oxford's Institute for Science, Innovation and Society (InSIS) as well as at the Institute for Advanced Studies (IHS) in Vienna. During his time at SWP, Geden has been seconded to the policy planning units of both the German Federal Foreign Office and the German Federal Ministry for Economic Affairs and Energy.

Based on 20 years of professional experience at the science/policy interface and his broad expertise in areas such as climate policy and governance, quantitative and qualitative scenarios, carbon dioxide removal, political and science communication, and knowledge integration, Geden has actively contributed to the IPCC in several roles during the Sixth Assessment Cycle, first and foremost as Lead Author in Working Group III and member of the Core Writing Team for the Synthesis Report. Leading roles in international environmental assessments also include the UNEP Emissions Gap Report and the State of Carbon Dioxide Removal Report. Geden has co-authored four books, numerous academic journal articles and commentaries, policy papers and technical reports. Academic accolades include a PhD degree at Humboldt University of Berlin and Visiting Fellowships at IIASA, the Max Planck Institute for Meteorology, the University of Pennsylvania, ETH Zurich and the University of California, Berkeley.

IPCC AR6 CONTRIBUTIONS

Core Writing Team Member for *Synthesis Report* (Longer Report and SPM)

Drafting Author for *Summary for Policymakers, Working Group III Report*

Lead Author for *Technical Summary, Working Group III Report*

Lead Author for *Chapter 12 (Cross-sectoral Perspectives), Working Group III Report*

Leading Author for *Cross-Chapter Box 8 (Carbon Dioxide Removal: Key Characteristics and Multiple Roles in Mitigation Strategies), Working Group III Report*

Contributing Author for *Chapters 2 (Emissions Trends and Drivers), 3 (Mitigation Pathways Compatible with Long-term Goals), 13 (National and Sub-national Policies and Institutions), and 14 (International Cooperation), Working Group III Report*

Editorial Team Member for *Glossary (Annex I), Working Group III Report*

Contributing Author for *Cross-Working Group Box 4 (Solar Radiation Modification), Working Group II and Working Group III Reports*

Contributing Author for *Chapter 16 (Key Risks across Sectors and Regions), Working Group II Report*

Beyond above authorship roles, Geden acted as expert reviewer across AR6 Special and Working Group Reports, participated in the Scoping meeting for the Synthesis Report and the Expert Workshop on the use of scenarios in AR6 and subsequent assessments, and co-led the work on the WG III factsheet on Carbon Dioxide Removal. Furthermore, he organized and participated in side events at the IPCC Pavilion (COP27), represented the IPCC in mandated UNFCCC events such as the SBSTA Research Dialogue (SB56 and SB58) and widely disseminated WG III and Synthesis Report findings via national and international media.

ACADEMIC EDUCATION AND FELLOWSHIPS

2020	Visiting Fellow , Ecosystems Services and Management Program, International Institute for Applied Systems Analysis (IIASA), Laxenburg
2019 –	Research Fellow , Institute for Advanced Studies (IHS), Vienna
2018/19	Visiting Fellow , Ocean in the Earth System Department, Max Planck Institute for Meteorology, Hamburg
2018	Visiting Fellow , Kleinman Center for Energy Policy, University of Pennsylvania, Philadelphia
2017 –	Research Associate , Institute for Science, Innovation and Society (InSIS), University of Oxford
2014	Visiting Fellow , Center for Security Studies, Swiss Federal Institute of Technology (ETH), Zurich
2006	PhD in Social/Cultural Anthropology , Humboldt University of Berlin (Thesis: Discourse Strategies in Right-Wing Populism)
2005/06	Visiting Fellow , Department of German, University of California, Berkeley
2002	M.A. in Social/Cultural Anthropology , Humboldt University of Berlin (Thesis: Masculinities in the Freedom Party of Austria)

PROFESSIONAL EXPERIENCE (POST-DOC)

2023 –	Head , Research Cluster Climate Policy and Politics, German Institute for International and Security Affairs (SWP), Berlin
2020 –	Senior Fellow , EU/Europe Research Division, German Institute for International and Security Affairs (SWP), Berlin
2015 – 2020	Head , EU/Europe Research Division, German Institute for International and Security Affairs (SWP), Berlin

2014/15	Advisor to the Director , Department for Policy Planning and Political Staff, Federal Ministry for Economic Affairs and Energy (BMWi), Berlin
2011	Advisor , Policy Planning Unit, Federal Foreign Office (AA), Berlin
2006 – 2015	(Senior) Associate , European Integration Research Division, German Institute for International and Security Affairs (SWP), Berlin

SELECTED ACADEMIC PUBLICATIONS

- Bednar, J., M. Obersteiner, A. Baklanov, M. Thomson, F. Wagner, **O. Geden**, M. Allen, and J. Hall (2021). Operationalizing the net-negative carbon economy. *Nature* 596, 367-373.
- Buck, H., L. Martin, **O. Geden**, P. Kareiva, L. Koslov, W. Krantz, B. Kravitz, J. Noël, E. Parson, C. Preston, D. Sanchez, L. Scarlett, and S. Talati (2020). Evaluating the efficacy and equity of environmental stopgap measures. *Nature Sustainability* 3, 499-504.
- Fischer, S., and **O. Geden** (2015). The Changing Role of International Negotiations in EU Climate Policy. *The International Spectator* 50 (1): 1-7.
- Geden, O.** (2016). An actionable climate target. *Nature Geoscience* 9, 340-342.
- Geden, O.**, and A. Loeschel (2017). Define limits for temperature overshoot targets. *Nature Geoscience* 10, 881-882.
- Geden, O.**, G. Peters, and V. Scott (2019). Targeting carbon dioxide removal in the European Union. *Climate Policy* 18, 487-494.
- Kaya, Y., M. Yamaguchi, and **O. Geden** (2019). Towards net-zero CO₂ emissions without relying on massive carbon dioxide removal. *Sustainability Science* 14, 1739–1743.
- Morrow, D., M. Thompson, A. Anderson, M. Batres, H. Buck, K. Dooley, **O. Geden**, A. Ghosh, S. Low, A. Njamnshi, J. Noël, O. Táíwò, S. Talati, and J. Wilcox. (2020). Principles for Thinking about Carbon Dioxide Removal in Just Climate Policy. *One Earth* 3, 150-153.
- Pereira, L., D. Morrow, V. Aquila, B. Beckage, S. Beckbesinger, L. Beukes, H. Buck, C. Carlson, **O. Geden**, A. Jones, D. Keller, K. Mach, M. Mashigo, J. Moreno-Cruz, D. Visioni, S. Nicholson, and C. Trisos (2021). From fAIrplay to climate wars: making climate change scenarios more dynamic, creative, and integrative. *Ecology and Society* 26 (4):30.
- Pye, S., O. Broad, C. Bataille, P. Brockway, H. Daly, R. Freeman, A. Gambhir, **O. Geden**, F. Rogan, S. Sanghvi, J. Tomei, I. Vorushylo, and J. Watson (2021). Modelling net-zero emissions energy systems requires a change in approach. *Climate Policy* 21, 222-231.
- Rogelj, J., **O. Geden**, A. Cowie, and A. Reisinger (2021). Three ways to improve net-zero emissions targets. *Nature* 591, 365-368.
- Schenuit, F., and **O. Geden** (2023). Carbon dioxide removal: climbing up the EU climate policy agenda. In: *Handbook on European Union Climate Change Policy and Politics* (eds. T. Rayner, K. Szulecki, A. Jordan, and S. Oberthür). Edward Elgar Publishing, Cheltenham, 322-336.
- Smith S., **O. Geden**, G. Nemet, M. Gidden, W. Lamb, C. Powis, R. Bellamy, M. Callaghan, A. Cowie, E. Cox, S. Fuss, T. Gasser, G. Grassi, J. Greene, S. Lueck, A. Mohan, F. Mueller-Hansen, G. Peters, Y. Pratama, T. Repke, K. Riahi, F. Schenuit, J. Steinhauser, J. Streffer, J. Valenzuela, and J. Minx (2023). *The State of Carbon Dioxide Removal – 1st Edition*. Oxford Smith School of Enterprise and the Environment, doi:10.17605/OSF.IO/W3B4Z.