

## Publications

### 1. Climate policy

#### Academic journals

Defending the wrong front: militarization's impact on adaptation to climate change in 150 countries (1995–2020), in: *Mitigation and Adaptation Strategies for Global Change*, 31, 2026, <https://doi.org/10.1007/s11027-026-10290-9>

(with *Jeremy Ko*)

Carbon markets rule change would harm mitigation and Indigenous peoples, in *Nature Climate Change*, 16, 2026, <https://doi.org/10.1038/s41558-026-02629-6>

(with *Phillip Williamson and Sophia Johannessen*)

Mobilizing carbon dioxide removals (CDR): getting the policies right, in: *Climate Policy*, 2026, DOI: 10.1080/14693062.2026.2655517

(with *Malte Winkler*)

Accounting and monitoring challenges for blue carbon enhancement in national climate policy targets and international carbon markets, in: *Carbon Management*, 16, 2025, 2585895

(with *Miranda Boettcher and Malte Winkler*)

Can digital monitoring, reporting, and verification (dMRV) unlock industrial CO<sub>2</sub> capture and removal in carbon markets?, in: *Environmental Research Letters*, 20, 2025, 121002

(with *Paulien Veen, Malte Winkler and Soyoung Oh*)

Effective and fair policy to mobilize industrial carbon dioxide removal, in: *Mitigation and Adaptation Strategies for Global Change*, 30, 2025, <https://doi.org/10.1007/s11027-025-10235-8>

(with *Soyoung Oh, Samuel Eberenz, Matthias Honegger, Olivia Wallis and Matthias Poralla*)

Exploring key dimensions of policy instruments for carbon dioxide removal, in: *Climate Policy*, 2025, <https://doi.org/10.1080/14693062.2025.2521118>

(with *Malte Winkler, Soyoung Oh, Antonia Holland-Cunz, Matthias Honegger, Matthias Poralla and Alicia Vollmer*)

Additionality revisited for Blue Carbon ecosystems: Ensuring real climate mitigation, in: *Global Change Biology*, 31, 2025, e70181

(with *Phillip Williamson, Catrina Gore, Sophia Johannessen, Erik Kristensen, Faming Wang and Jingfan Zhang*)

Review of economics and policies of Carbon Dioxide Removal, in: *Current Sustainable/Renewable Energy Reports*, 12:6, 2025, <https://doi.org/10.1007/s40518-025-00252-1>

(with *Soyoung Oh, Jenna Greene and Matthias Honegger*)

How does polycentric engagement relate to countries' NDC ambition and mitigation policy effort?, in: *Global Environmental Politics*, 24, 2024, p. 48-74

(with *Paula Castro and Marlene Kammerer*)

International carbon markets for carbon dioxide removal, in: *PLOS Climate*, 2, 2023, e0000118.

(with *Matthias Honegger, Matthias Poralla, Malte Winkler, Sandra Dalfume and Ankita Nayak*)

Policies for climate finance: Status and research needs, in: *PLOS Climate*, 1, 2022, e0000083

(with *Bjarne Steffen*)

Towards net zero: making baselines for international carbon markets dynamic by applying 'ambition coefficients', in: *Climate Policy*, 22, 2022, p. 1343-1355

(with *Katharina Michaelowa, Lukas Hermwille and Aglaja Espelage*)

International carbon markets in the run-up to COP27 and beyond, in: *Oxford Energy Forum*, 133, 2022, p. 41-44

(with *Michele Stua*)

The ABC of governance principles for Carbon Dioxide Removal policy, in: *Frontiers in Climate*, 4, 2022, 884163

(with Matthias Honegger, Christian Baatz, Samuel Eberenz, Antonia Holland-Cunz, Benno Pokorny, Matthias Poralla and Malte Winkler)

Governance of fragmented compliance and voluntary carbon markets under the Paris Agreement, in: *Politics and Governance*, 10, 2022, p. 235-245

(with Hanna-Mari Ahonen, Juliana Kessler, Aglaja Espelage and Stephan Hoch)

Potential implications of solar radiation modification for achievement of the Sustainable Development Goals, in: *Mitigation and Adaptation Strategies for Global Change*, 26, 2021, <https://doi.org/10.1007/s11027-021-09958-1>

(with Matthias Honegger and Jiahua Pan)

Who is paying for Carbon Dioxide Removal? Designing policy instruments for mobilizing Negative Emissions Technologies, in: *Frontiers in Climate*, 3, 2021, 672996

(with Matthias Honegger, Matthias Poralla and Hanna-Mari Ahonen)

Potential implications of carbon dioxide removal for the sustainable development goals, in: *Climate Policy*, 21, 2021, p. 678-698

(with Matthias Honegger and Joyashree Roy)

Solar Radiation Modification - A “silver bullet” climate policy for populist and authoritarian regimes?, in: *Global Policy*, 12, Supplement 1, 2021, p. 119-128

Catalysing private and public action for climate change mitigation: the World Bank’s role in international carbon markets, in: *Climate Policy*, 21, 2021, p. 120-132

(with Katharina Michaelowa, Igor Shishlov and Dario Brescia)

Mobilising private climate finance for sustainable energy access and climate change mitigation in Sub-Saharan Africa, in: *Climate Policy*, 21, 2021, p. 47-62

(with Stephan Hoch, Anne-Kathrin Weber, Ruth Kassaye and Tesfaye Hailu)

Do MDB trust funds allocate climate finance efficiently?, in: *Sustainability*, 12, 2020, No. 14, #5529, <https://doi.org/10.3390/su12145529>

(with Katharina Michaelowa, Bernhard Reinsberg and Igor Shishlov)

Governing complexity: How can the interplay of multilateral environmental agreements be harnessed for effective international market-based climate policy instruments?, in: *International Environmental Agreements*, 19, 2019, p. 595-613

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Additionality revisited: guarding the integrity of market mechanisms under the Paris Agreement, in: *Climate Policy*, 19, 2019, p. 1211–1224

(with Lukas Hermwille, Wolfgang Obergassel and Sonja Butzengeiger)

How to operationalize accounting under Article 6 market mechanisms of the Paris Agreement, in: *Climate Policy*, 19, 2019, p. 812-819

(with Benito Müller)

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(with Myles Allen and Fu Sha)

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(with Tobias Schmidt and Tyeler Matsuo)

The growing influence of the UNFCCC Secretariat on the clean development mechanism, in: *International Environmental Agreements*, 17, 2017, p. 247-269

*(with Katharina Michaelowa)*

Transnational Climate Governance Initiatives: Designed for Effective Climate Change Mitigation?, in: *International Interactions*, 43, 2017, p. 129-155

*(with Katharina Michaelowa)*

Marktmechanismen im Pariser Abkommen – Eckstein oder Nebenkriegsschauplatz?, in: *Zeitschrift für Umweltpolitik & Umweltrecht*, 39, 2016, p. 102-109

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*(with Katharina Michaelowa)*

Opportunities for and Alternatives to Global Climate Regimes Post-Kyoto, in: *Annual Review of Environment and Resources*, 40, 2015, p. 395-418

Linking the CDM with domestic offset markets, in: *Climate Policy*, 14, 2014, p. 353-371

Equity and cost-effectiveness of adaptation finance - are they friends or foes?, in: *International Environmental Agreements*, 14, 2014, p. 101-120, revised version of CIS Working Paper 73/2012, Zurich

*(with Martin Stadelmann, Åsa Persson and Izabela Ratajczak-Juszko)*

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*(with Martin Stadelmann, Åsa Persson and Izabela Ratajczak-Juszko)*

Limiting Climate Change by Fostering Net Avoided Emissions, in: *Carbon and Climate Law Review*, 1/2014, p. 55-64

*(with Michel Köhler)*

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*(with Martin Stadelmann and Timmons Roberts)*

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*(with Matthias Honegger and Kushini Sugathapala)*

The politics of climate change in Germany: ambition versus lobby power, in: *WIREs Climate Change*, 2013, 4, p. 315-320

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*(with Daisuke Hayashi)*

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*(with Randall Spalding-Fecher)*

Negotiating climate change, in: *Climate Policy*, 12, 2012, p. 527-533

*(with Katharina Michaelowa)*

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*(with Katharina Michaelowa)*

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*(with Katharina Michaelowa)*

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*(with Martin Stadelmann and J. Timmons Roberts)*

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*(with Katharina Michaelowa)*

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*(with Paula Castro)*

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*(with Yuri Okubo and Daisuke Hayashi)*

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*(with Florens Flues and Katharina Michaelowa)*

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*(with Yuri Okubo)*

Copenhagen and the consequences, in: *Intereconomics*, 45, 2010, p. 2-3

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*(with Benito Müller)*

Möglichkeiten und Grenzen der sektoralen Marktmechanismen in der internationalen Klimapolitik, in: *Die Volkswirtschaft*, 82, 2009, p. 19-23

*(with Sonja Butzengeiger)*

Challenges for energy efficiency improvement under the CDM—the case of energy-efficient lighting, in: *Energy Efficiency*, 2, 4, 2009, p. 353-367

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*(with Smita Sirohi)*

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(with *Katharina Michaelowa*)

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(with *Dewi Restuti*)

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(with *Bernhard Schlamadinger, Neil Bird, T. Johns, Sandra Brown, J. Canadel, Lucio Ciccarese, Michael Dutschke, Jeff Fiedler, A. Fischlin, Philip Fearnside, Claudio Forner, Annette Freibauer, Peter Frumhoff, Niklas Hoehne, M.U.F. Kirschbaum, A. Labat, Gregg Marland, L. Montanarella, Paulo Moutinho, Daniel Murdiyoso, Nick Pena, K. Pingoud, Z. Rakoncay, E. Rametsteiner, J. Rock, Maria J. Sanz, U.A. Schneider, Anatoly Shvidenko, Margaret Skutsch, P. Smith, Z. Somogyi, Eveline Trines, Murray Ward, Yoichi Yamagata*)

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(with *John O'Brien*)

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(with *Sonja Butzengeiger and Martina Jung*)

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(with *David Lehmkuhl*)

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(with *Sonja Butzengeiger*)

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