

Publications Christian Flachsland

1. Five key publications

1. Germany's Federal Climate Change Act (2021, *Environmental Politics*)

This paper assesses the state of climate policy integration in Germany before and after the introduction of the Federal Climate Change Act (CCA, *Bundesklimaschutzgesetz*) in 2019. Based on document analysis and 26 elite interviews, we find only moderate climate policy integration prior to introduction of the CCA. The sectoral emission targets legislated by the CCA enhance climate change mitigation to the level of a priority sector goal in non-energy sectors, and CCA provisions for monitoring, assessing and implementing policy reforms promise to enhance alignment of instruments with the legislated greenhouse gas emission reductions targets over time.

2. Sequencing to ratchet up climate policy stringency (2018, *Nature Climate Change*)

Ratcheting up national climate policy stringency over time is a core idea of the Paris Agreement. This paper conceptualizes ratcheting up in terms of barriers limiting attainable climate policy stringency levels at a given point in time. Policy options can trigger mechanisms that relax these barriers over time, thus enabling more ambitious policy in later periods. California and Germany are the main case studies underpinning the theoretical analysis.

3. Political Economy Determinants of Carbon Pricing (2020, *Global Environmental Politics*)

This article analyzes structural social, political, and economic variables that correlate with the existence and level of carbon prices implemented worldwide so far. It estimates a Tobit regression model to investigate variations in explicit carbon prices over 262 national and subnational jurisdictions. We identify institutional quality and supportive public attitudes as the most important conditions for the introduction and significant levels of carbon pricing, while a high share of fossil fuel consumption in the energy system is a barrier.

4. How to avoid history repeating itself. The case for an EU Emissions Trading System (EU ETS) price floor revisited (2020, *Climate Policy*)

This article identifies and discusses arguments against the proposal to implement a price floor in the EU Emissions Trading System (EU ETS). Based on a literature review and a series of EU ETS stakeholder reviews, we find these arguments relate to views over (i) the political nature of allowance supply and related credibility issues, (ii) potential myopia of market participants and firms, and (iii) waterbed and rebound effects resulting from policy interactions. The paper argues that an EU ETS price floor remains an important improvement in the design of the system as long as these distortions and design flaws persist.

5. A Polycentric Approach to Global Climate Governance. (2017, *Global Environmental Politics*)

This article offers a specification of Elinor Ostrom's attempt to conceptualize polycentric climate governance. We review the Ostromian literature on polycentric climate governance and identify four key features of polycentric climate governance and related mechanisms: an emphasis on self-organization, a recognition of site-specific conditions, the facilitation of experimentation and learning, and the building of trust. The concept of polycentricity and these features offer both high descriptive value for understanding the horizontal and vertical differentiations of current climate governance, and provide normative criteria informing the design of polycentric governance approaches across multiple levels, regions and sectors.

2. Peer-reviewed publications (full list)

- Anticipatory climate policy mix pathways: A framework for ex-ante construction and assessment applied to the road transport sector. 2024 (accepted). *Climate Policy* [with Duncan Edmondson, Nils aus dem Moore, Nicolas Koch, Florian Koller, Henri Gruhl, Johannes Brehm]
- Systematic review and meta-analysis of ex-post evaluations on the effectiveness of carbon pricing. 2024. *Nature Communications*. [with Niklas Döbbling-Hildebrandt, Klaas Miersch, Tarun M. Khanna, Marion Bachelet, Stephan B. Bruns, Max Callaghan, Ottmar Edenhofer, Christian Flachsland, Piers M. Forster, Matthias Kalkuhl, Nicolas Koch, William Lamb, Nils Ohlendorf, Jan Christoph Steckel, Jan C. Minx]
- German stakeholder perceptions of an EU carbon border adjustment mechanism. *Environmental Research Letters*, 17(12) [with Ann-Kathrin Kuehner and Michael Jakob]
- Reformoptionen für ein nachhaltiges Steuer- und Abgabensystem. Wie Lenkungssteuern effektiv und gerecht für den Klima- und Umweltschutz ausgestaltet werden können. 2022. *Perspektiven der Wirtschaftspolitik* 23 (3): 165-199. [with Maximilian Amberg, Nils aus dem Moore, Anke Bekk, Tobias Bergmann, Ottmar Edenhofer, Jan George, Luke Haywood, Maik Heinemann, Anne Held, Matthias Kalkuhl, Maximilian Kellner, Nicolas Koch, Gunnar Luderer, Henrika Meyer, Dragana Nikodinoska, Michael Pahle, Christina Roolfs and Wolf-Peter Schill]
- Carbon price floors and low-carbon investment: A survey of German firms. 2022. *Energy Policy*, 169: 113187 [with Nils Ohlendorf, Gregory F. Nemet and Jan Christoph Steckel].
- Understanding pledge and review: learning from analogies to the Paris Agreement review mechanisms. *Climate Policy*. Online first: 17. April 2022. DOI: 10.1080/14693062.2022.2059436 [with Kilian Raiser and Başak Çalı]
- National climate institutions complement targets and policies. 2021. *Science*. 374, 6568: 690-693. [with Navroz K. Dubash, Aditya Valiathan Pillai, Kathryn Harrison, Kathryn Hochstetler, Matthew Lockwood, Robert MacNeil, Matto Mildenerger, Matthew Paterson, Fei Teng, Emily Tyler]
- Germany's Federal Climate Change Act. 2021. *Environmental Politics*, 30, sup1: 118-140. [1st author, with Sebastian Levi]
- Who cares about coal? Analyzing 70 years of German parliamentary debates on coal with dynamic topic modeling. 2021. *Energy Research & Social Science* 72: 101869. [with Finn Müller-Hansen, Max Callaghan, Yuan Ting Lee, Anna Leipprand and Jan Minx]
- Actors, objectives, context. A framework of the political economy of energy and climate policy applied to India, Indonesia, and Vietnam. 2020. *Energy Research & Social Science* 70: 101775. [with Michael Jakob, Jan Christoph Steckel and Johannes Urpelainen]
- Starting low, reaching high? Sequencing in EU climate and energy policies. 2020. *Environmental Innovation and Societal Transitions* 37: 140-155. [with Anna Leipprand and Michael Pahle]
- Understanding Different Perspectives on Economic Growth and Climate Policy. 2020. *Wiley Interdisciplinary Reviews: Climate Change* 11: e677. [with Michael Jakob, William F. Lamb, Jan Christoph Steckel and Ottmar Edenhofer]
- Political Economy Determinants of Carbon Pricing. 2020. *Global Environmental Politics* 20 (2): 128-156. Published online: 5.6. 2020. [with Sebastian Levi and Michael Jakob]
- Is the Paris Agreement Effective? A systematic map of the evidence. 2020. *Environmental Research Letters* 15: 083006. [with Kilian Raiser, Ulrike Kornek and William F. Lamb]

- What is important for achieving 2°C? UNFCCC and IPCC expert perceptions on obstacles and response options for climate change mitigation. 2020. *Environmental Research Letters* 15: 024005. [with Ulrike Kornek, Chris Kardish, Sebastian Levi and Ottmar Edenhofer]
- How to avoid history repeating itself. The case for an EU Emissions Trading System (EU ETS) price floor revisited. 2020. *Climate Policy* 20 (1): 133-145. [1st author, with Michael Pahle, Dallas Burtraw, Ottmar Edenhofer, Milan Elkerbout, Carolyn Fischer, Oliver Tietjen and Lars Zetterberg]
- Building and Enhancing Climate Policy Ambition with Transfers. Allowance Allocation and Revenue Spending in the EU ETS. 2020. *Environmental Politics* 29 (5): 781-803. [with Marcel J. Dorsch and Ulrike Kornek]
- Sequencing to ratchet up climate policy stringency. 2018. *Nature Climate Change* 8 (10): 861-867. [with Michael Pahle, Dallas Burtraw, Nina Kelsey, Eric Biber, Jonas Meckling, Ottmar Edenhofer and John Zysman]
- A Framework for Assessing the Performance of Cap-and-Trade Systems. Insights from the European Union Emissions Trading System. 2018. *Review of Environmental Economics and Policy* 12 (2): 220-241. [with Sabine Fuss, Nicolas Koch, Ulrike Kornek, Brigitte Knopf and Ottmar Edenhofer]
- Regime destabilization in energy transitions. The German debate on the future of coal. 2018. *Energy Research & Social Science* 40: 190-204. [with Anna Leipprand]
- Achieving Paris Climate Agreement Pledges. Alternative Designs for Linking Emissions Trading. 2018. *Review of Environmental Economics and Policy* 12 (1): 170-182. [with Adam Rose, Dan Wei, Noah Miller, Toon Vandyck]
- A road map for global environmental assessments. 2017. *Nature Climate Change* 7: 379–382. [with Martin Kowarsch, Jason Jabbour, Marcel T. J. Kok, Robert Watson, Peter M. Haas, Jan C. Minx, Joseph Alcamo, Jennifer Garard, Pauline Rioussset, László Pintér, Cameron Langford, Yulia Yamineva, Christoph von Stechow, Jessica O'Reilly and Ottmar Edenhofer]
- 40 years of global environmental assessments. A retrospective analysis. 2017. *Environmental Science & Policy* 77: 193-202. [with Jason Jabbour]
- The treatment of divergent viewpoints in global environmental assessments. 2017. *Environmental Science & Policy* 77: 225-234. [with Martin Kowarsch, Jennifer Garard, Jason Jabbour and Pauline Rioussset]
- Global Environmental Assessments. Impact mechanisms. 2017. *Environmental Science & Policy* 77: 260-267. [with Martin Kowarsch and Pauline Rioussset]
- A Polycentric Approach to Global Climate Governance. 2017. *Global Environmental Politics* 17 (2): 45-64. [with Marcel J. Dorsch]
- Advocates or cartographers? Scientific advisors and the narratives of German energy transition. 2017. *Energy Policy* 102: 222–236. [with Anna Leipprand and Michael Pahle]
- Energy transition on the rise: discourses on energy future in the German parliament. 2017. *Innovation: The European Journal of Social Science Research* 30 (3): 283-305. [with Anna Leipprand and Michael Pahle]
- From climate finance towards sustainable development finance. 2016. *WIREs Climate Change* 8: e437. [with Jan Christoph Steckel, Michael Jakob, Ulrike Kornek, Kai Lessmann and Ottmar Edenhofer]
- Which goals are driving the Energiewende? Making sense of the German Energy Transformation. 2016. *Energy Policy* 95: 42-51. [with Fabian Joas, Michael Pahle and Amani Joas]
- The IPCC at a Crossroads: Opportunities for Reform. 2015. *Science* 350: 34-35. [with Carlo Carraro, Ottmar Edenhofer, Charles Kolstad, Robert Stavins and Robert Stowe]

- Science and religion in dialogue over the global commons. 2015. *Nature Climate Change* 5: 907-909. [with Ottmar Edenhofer and Brigitte Knopf]
- Closing the emission price gap. 2015. *Global Environmental Change* 31: 132-143. [with Ottmar Edenhofer, Michael Jakob, Felix Creutzig, Sabine Fuss, Martin Kowarsch, Kai Lessmann, Linus Mattauch, Jan Siegmeier and Jan Christoph Steckel]
- After Monetary Policy, Climate Policy. Is Delegation Key to EU ETS reform? 2015. *Climate Policy* 16(1): 1-25 [with Godefroy Grosjean, William Acworth and Robert Marschinski]
- The (Ir)relevance of Transaction Costs in Climate Policy Instrument Choice. An analysis of the EU and the US. 2015. *Climate Policy*. 16(1): 26-49. [with Fabian Joas]
- The Atmosphere as a Global Commons – Challenges for International Cooperation and Governance. In: Semmler, W., L. Bernard (eds.): *The Handbook on the Macroeconomics of Climate Change*. 2014. Oxford University Press. p. 260-296. [with Ottmar Edenhofer, Michael Jakob and Kai Lessmann]
- Climate Finance for Developing Country Mitigation: Blessing or Curse? 2014. *Climate and Development* 7(1):1-15. [with Michael Jakob, Jan Christoph Steckel and Lavinia Baumstark]
- IPCC (2014): *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J.C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. [contributing author]
- Credible commitment in carbon policy. 2012. *Climate Policy* 12 (2): 255-271. [with Steffen Brunner and Robert Marschinski]
- Sectoral Linking of carbon markets: A trade-theory analysis. 2012. *Resource and Energy Economics* 34 (4): 585-606. [Robert Marschinski and Michael Jakob]
- Climate Policy in a decentralized World. In: Edenhofer O., J. Wallacher, H. Lotze-Campen, M. Reder (Eds.): *Climate Change, Justice, and Sustainability: Linking Climate and Development Policy*. 2012. Springer, p. 257-268. [1st author, with Kai Lessmann and Ottmar Edenhofer]
- The 2°C reconsidered. In: Edenhofer O., J. Wallacher, H. Lotze-Campen, M. Reder (Eds.): *Climate Change, Justice, and Sustainability: Linking Climate and Development Policy*. 2012. Springer, p. 121-137. [with Brigitte Knopf, Martin Kowarsch and Ottmar Edenhofer]
- Climate Policies for road transport revisited (II): Closing the policy gap with cap-and-trade. 2011. *Energy Policy* 39(4): 2100-2110. [1st author, with Steffen Brunner, Ottmar Edenhofer and Felix Creutzig]
- Wer besitzt die Atmosphäre? Zur politischen Ökonomie des Klimawandels. 2011. *Leviathan* 39 (2): 201-221. [with Steffen Brunner and Ottmar Edenhofer]
- International Emissions Trading and the Global Deal. In: Fan Gang, Nicholas Stern, Ottmar Edenhofer, Xu Shanda, Klas Eklund, Frank Ackerman, Lailai Li and Karl Hallding (eds.): *The Economics of Climate Change in China. Towards a Low Carbon Economy*. 2011. Earthscan. [1st author, with Gunnar Luderer, Jan Steckel, Brigitte Knopf and Ottmar Edenhofer]
- Domestic Emissions Trading Systems. In: Fan Gang, Nicholas Stern, Ottmar Edenhofer, Xu Shanda, Klas Eklund, Frank Ackerman, Lailai Li and Karl Hallding (eds.): *The Economics of Climate Change in China. Towards a Low Carbon Economy*. 2011. Earthscan. [with Steffen Brunner and Ottmar Edenhofer]
- The Architecture of the Global Climate Regime: A Top Down Perspective. 2010. *Climate Policy* 10 (6): 600-614. [with William Hare, Claire Stockwell, and Sebastian Oberthür]

- Managing the Low-Carbon Transition – From Model Results to Policies. 2010. *The Energy Journal* 31, Special Issue 1: ‘The Economics of Low Stabilization’: 223-245. [with Brigitte Knopf, Ottmar Edenhofer, Marcel T. J. Kok, Hermann Lotze-Campen, Gunnar Luderer, Alexander Popp and Detlef P. van Vuuren]
- Developing the international carbon market post-2012: Options and the cost of delay. In: Biermann, Frank, Phillip Pattberg, Fariborz Zelli (eds.): *Global Climate Governance Beyond 2012. Architecture, Agency and Adaptiveness*. 2010. Cambridge University Press: 60-78. [1st author, with Robert Marschinski, Ottmar Edenhofer, Marian Leimbach and Lavinia Baumstark]
- Global Climate Governance after 2012: Architecture, agency and adaptation. In: Hulme, M., H. Neufeldt: *Making Climate Change Work for Us: European Perspectives on Adaptation and Mitigation Strategies*. 2010. Cambridge University Press: 263-290. [with Frank Biermann, Philipp Pattberg, Fariborz Zelli, Harro van Asselt, Ingrid Boas, Nitu Goel, Andries Hof, Anne Jerineck, Eric Massey, Lennart Olsson and Johannes Stripple]
- Global Trading versus Linking. Architectures for international emissions trading. 2009. *Energy Policy* 37(5): 1637–1647. [1st author, with Robert Marschinski and Ottmar Edenhofer]
- To link or not to link: Benefits and disadvantages of linking cap-and-trade systems. 2009. *Climate Policy* 9(4): 358–372. [1st author, with Robert Marschinski and Ottmar Edenhofer]
- Linking carbon markets. Concepts, case studies and pathways. 2009. *Climate Policy* 9(4): 341–357. [with Andreas Tuerk, Michael Mehling and Wolfgang Sterk]

3. Journals and book chapters

- Laudato si’. Die Sorge um die globalen Gemeinschaftsgüter. 2020. In: Stefan Voges (Hg.): *Christlicher Schöpfungsglaube heute. Spirituelle Oase oder vergessene Verantwortung?* Matthias Grünewald Verlag: 35-49. [with Ottmar Edenhofer]
- Die Anschärfung der EU-2030-Klimaziele und Implikationen für Deutschland. 2020. *Energiewirtschaftliche Tagesfragen*, 70 (7/8): 10-13. [with Michael Pahle, Oliver Tietjen, Sebastian Osorio, Brigitte Knopf, Pinar Korkmaz and Ulrich Fahl]
- Die unterschätzten Risiken des Kohleausstiegs. 2019. *Energiewirtschaftliche Tagesfragen*, 69 (6): 1-4. [with Michael Pahle, Ottmar Edenhofer, Robert Pietzcker, Oliver Tietjen and Sebastian Osorio]
- Decarbonization and EU ETS Reform: Introducing a price floor to drive low-carbon investments. 2019. In: Angrick, M., C. Kühleis, J. Landgrebe, J. Weiß (eds): *12 Years of European Emissions Trading in Germany. Stocktaking and perspectives for effective climate protection*. Metropolis, p.207-232. [1st author, with Ottmar Edenhofer and Lisa Katharina Schmid]
- Shifting Paradigms in Carbon Pricing. 2018. *Intereconomics* 53 (3): 135-140. [Brigitte Knopf, Kerstin Burghaus, Michael Jakob, Nicolas Koch and Ottmar Edenhofer]
- Wie der Emissionshandel wieder zur zentralen Säule der europäischen Klimapolitik werden kann. 2018. In: Angrick, M. et al (eds): *12 Jahre Europäischer Emissionshandel – Bilanz und Perspektiven für einen wirkungsvollen Klimaschutz*. Metropolis, p.217-244. [1st author, with Ottmar Edenhofer and Lisa Katharina Schmid]
- Economic Growth, Human Development, and Welfare. 2018. In: IPSP, International Panel on Social Progress (eds.): *Rethinking Society for the 21st Century. Report of the International Panel on Social Progress*. Cambridge University Press, p. 139-184. [with Purnamita Dasgupta, Ottmar Edenhofer, Adriana Mercedes Avendano Amézquita, Antonio Bento, Simon Caney, David De la Croix, Augustin Fosu, Michael Jakob, Marianne Saam, Kristin Shrader-Frechette, John Weyant, Liangzhi You, Gian Carlo Delgado-Ramos, Marcel J. Dorsch, David Klenert, Robert Lempert,

Justin Leroux, Kai Lessmann, Junguo Liu, Linus Mattauch, Charles Perrings, Gregor Schwerhoff, Kristin Seyboth, Jan Steckel, Jessica Strefler and Kristin Seyboth]

- Agreeing on an EU ETS minimum price to foster solidarity, subsidiarity and efficiency in the EU. 2017. In: Ian Parry, Karen Pittel, and Herman Vollebergh (eds): *Energy Tax and Regulatory Policy in Europe: Reform Priorities*. MIT Press, p.31- 61. [with Ottmar Edenhofer, Christiana Roofs, Beatriz Gaitan and Paul Nahmacher]
- Den Klimawandel stoppen. Es gibt nicht zu wenig, sondern zu viel fossile Ressourcen - sie müssen in der Erde bleiben. 2017. In: Patenge, M., R. Beck, M. Luber (eds): *Schöpfung bewahren. Theologie und Kirche als Impulsgeber für eine nachhaltige Entwicklung* (Weltkirche und Mission 7). Pustet, p.30-34. [with Ottmar Edenhofer, Jérôme Hilaire and Michael Jakob]
- Koordinierte CO₂-Preise: Ein Vorschlag zur Weiterentwicklung des Pariser Abkommens. 2016. n: Sommer, J., M. Müller (Eds.): *Unter 2 Grad? Was der Weltklimavertrag wirklich bringt*. Hirzel Verlag, p.69-78. [with Ottmar Edenhofer and Ulrike Kornek]
- Der Grundriss für ein neues Klimaregime. 2016. *ifo Schnelldienst* 69 (03): 11-15. [with Ottmar Edenhofer and Ulrike Kornek]
- Laudato si'. Die Sorge um die globalen Gemeinschaftsgüter. 2015. *Studia Bobolanum* 4: 5-19. [with Ottmar Edenhofer]
- Laudato si': Concern for our global commons. 2015. *thinkingfaith.org*, 24.09.2015: <https://www.thinkingfaith.org/articles/laudato-si%E2%80%99-concern-our-global-commons> [with Ottmar Edenhofer]
- Laudato si'. Die Sorge um die globalen Gemeinschaftsgüter. 2015. *Stimmen der Zeit* 9: 579-591. [with Ottmar Edenhofer]
- Den Klimawandel stoppen. Es gibt nicht zu wenig, sondern zu viel fossile Ressourcen – sie müssen in der Erde bleiben. 2015. In: *Le Monde diplomatique: Atlas der Globalisierung. Weniger wird mehr - Der Postwachstumsatlas*. p. 90-93. [with Ottmar Edenhofer, Jérôme Hilaire and Michael Jakob]
- Cartography of Policy Paths: A New Role for Science in Policy. 2015. In: Stiftung Mercator (eds): *Interfaces of Science and Policy and the Role of Foundations. Conference Report*. p.14-21. [with Ottmar Edenhofer and Martin Kowarsch]
- Globale Energiewende – Wege zu einer nachhaltigen Energieversorgung. 2013. In: Drenckhahn, D., J. Hacker (Eds): *Rolle der Wissenschaft im Globalen Wandel. Nova Acta Leopoldina* 118 (400). Wissenschaftliche Verlagsgesellschaft Stuttgart, p. 275-295. [1st author, with Ottmar Edenhofer]
- Globale Energiewende. Dekarbonisierung der Wirtschaft. 2014. In: *Jahrbuch Ökologie 2014: Mut zu Visionen*: 125-140. [with Ottmar Edenhofer]
- Auf mehreren Ebenen agieren. 2013. In: *Politische Ökologie* 133. Baustelle Zukunft. Die Große Transformation von Wirtschaft und Gesellschaft. Oekom Verlag, p.108-117. [with Ottmar Edenhofer]
- Die Atmosphäre als globales Gemeingut. 2012. In: Helfrich, S. (Ed.): *Commons. Für eine neue Politik jenseits von Markt und Staat*. Transcript (2. ed. 2014), p. 473-478. [with Ottmar Edenhofer and Bernhard Lorentz]
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- Globale Energiewende – Wege zu einer nachhaltigen Energieversorgung. 2012. In: Debiel, T. J. Hippler, M. Roth, C. Ulbert (eds.): *Globale Trends 2013. Frieden, Entwicklung, Umwelt*. Fischer, p. 265-284. [with Ottmar Edenhofer]
- Transforming the Global Energy System - Pathways Towards a Sustainable Energy Supply. 2012. In: Debiel, T. J. Hippler, M. Roth, C. Ulbert (eds.): *Global Trends 2013. Peace – Development – Environment*. Published by Stiftung Entwicklung und Frieden (SEF), Bonn October 2012, p. 53-71. [1st author, with Ottmar Edenhofer]
- Die Nutzung globaler Gemeinschaftsgüter: Politökonomische Herausforderungen an die Klimapolitik. 2012. *ifo Schnelldienst* 65 (12): 29-35. [with Ottmar Edenhofer]
- Die Nutzung globaler Gemeinschaftsgüter: Polit-ökonomische Herausforderungen an die Klimapolitik. 2012. In: Bayer. Akademie der Wissenschaften (Hrsg.): *Die Zukunft der Energieversorgung: Atomausstieg, Versorgungssicherheit und Klimawandel*. 2012. Rundgespräche der Kommission für Ökologie, 41. Pfeil, Munich, p. 137-151. [with Ottmar Edenhofer]
- Wem gehört die Atmosphäre? Nach dem Klimagipfel in Cancún. 2011. *Stimmen der Zeit* (2): 75-88. [with Ottmar Edenhofer and Kai Lessmann]
- Global Deal: Eckpunkte einer globalen Klimaschutzpolitik. 2009. In: J. Wallacher, K. Scharpenseel (eds): *Klimawandel und globale Armut*. Kohlhammer Verlag, p.109-140. [with Ottmar Edenhofer and Gunnar Luderer]
- Der 'Global Deal' für den Klimaschutz – ein Pfad auf des Messers Schneide. 2009. In: Reiche, K. (ed): *Energiegeladen. Koordinaten einer zukunftsfähigen Klima- und Energiepolitik*. Goetz, p. 128-137. [with Ottmar Edenhofer]
- Der Friedensnobelpreis für den Weltklimarat. 2008. *Stimmen der Zeit* (2): 75-86. [with Ottmar Edenhofer]
- Ein Global Deal für den Klimaschutz. 2008. *Amos international* (2) 1: 24-33. [with Ottmar Edenhofer]
- Eckpunkte einer globalen Klimaschutzpolitik. 2008. *Kirche und Gesellschaft*, Nr. 355. p. 3-16.[with Ottmar Edenhofer and Gunnar Luderer]
- Kosten und Optionen für den Klimaschutz. 2007. In: Müller, M., U. Fuentes, H. Kohl: *Der UN-Weltklimareport. Bericht über eine aufhaltsame Katastrophe*. Kiepenheuer und Witsch, p. 268-280. [with Ottmar Edenhofer]
- Deutschlands Beitrag zur Lösung des Weltklimaproblems – Was lässt sich erreichen? 2007. *Ifo Schnelldienst* 60 (10): 22-26. [with Ottmar Edenhofer and Thomas Bruckner]
- Der Beitrag des Vierten Sachstandsberichtes des Intergovernmental Panel on Climate Change (IPCC) zur Lösung des Klimaproblems. 2007. *ZAU – Zeitschrift für angewandte Umweltforschung*. Jahrgang 18, Heft 2: 143-148. [with Ottmar Edenhofer]

4. Policy papers and reports

- Bewertung klimapolitischer Instrumentenmix-Pfade – Eine Anwendung auf leichte Nutzfahrzeuge in Deutschland. Kopernikus-Projekt Ariadne, Potsdam. 2022. [with Duncan Edmondson, Nils aus dem Moore, Nicolas Koch, Florian Koller, Henri Gruhl, Johannes Brehm, Sebastian Levi]
- Klimapolitik zwischen CO₂-Bepreisung und Förderprogrammen – eine fiskalpolitische Betrachtung. Kopernikus-Projekt Ariadne, Potsdam. 2022. [with Maximilian Kellner, Felix Knopp, Luke Haywood, Christina Roolfs, Matthias Kalkuhl]

- Auswirkungen der Energiepreiskrise auf Haushalte in Deutschland: sozialpolitische Herausforderungen und Handlungsoptionen. MCC-Arbeitspapier. 2022. [with Matthias Kalkuhl, Brigitte Knopf, Maximilian Amberg, Tobias Bergmann, Maximilian Kellner, Sophia Stüber, Luke Haywood, Christina Roofs, Ottmar Edenhofer]
- Mehr Kooperation wagen. Wasserstoffgovernance im deutschen Föderalismus. Interterritoriale Koordination, Planung und Regulierung. 2022. Kopernikus-Projekt Ariadne, Potsdam. [mit Michèle Knodt, Michael Rodi, Lucas Flath, Michael Kalis, Jörg Kemmerzell, Falko Leukhardt]
- Eckpunkte und no-regret Maßnahmen für die Weiterentwicklung der CO₂-Bepreisung auf deutscher und europäischer Ebene. Ariadne-Hintergrund. 2022. [with Michael Pahle, Mirjam Kosch, Brigitte Knopf, Ottmar Edenhofer]
- Positionen deutscher Stakeholder zu einem europäischen CO₂-Grenzausgleich. Ariadne-Hintergrund. 2022 [with Ann-Kathrin Kühner, Michael Jakob]
- Wie die Governance der deutschen Klimapolitik gestärkt werden kann. Ein Ariadne-Kurz Dossier. 2021. [1st author, with Nils aus dem Moore, Thorsten Müller, Jörg Kemmerzell, Duncan Edmondson, Benjamin Görlach, Matthias Kalkuhl, Michèle Knodt, Brigitte Knopf, Sebastian Levi, Gunnar Luderer, Michael Pahle]
- Das deutsche Klimaschutzgesetz: Möglichkeiten einer sektorübergreifenden Klimagovernance. Ein Ariadne-Hintergrund. 2021. [1st author, with Sebastian Levi].
- Klimaschutz und Verkehr: Zielerreichung nur mit unbequemen Maßnahmen möglich. Ariadne-Analyse. 2021. [with Sebastian Levi, Ingo Wolf, Nicolas Koch, Florian Koller, Duncan Edmondson]
- Reformoptionen für ein nachhaltiges Steuer- und Abgabensystem. Wie Lenkungssteuern effektiv und gerecht für den Klima- und Umweltschutz ausgestaltet werden können. Ein Ariadne-Kurz Dossier. 2021. [with Matthias Kalkuhl, Christina Roofs, Ottmar Edenhofer, Luke Haywood, Maik Heinemann, Anke Bekk, Jan George, Anne Held, Nils aus dem Moore, Gunnar Luderer, Nicolas Koch, Dragana Nikodinoska, Michael Pahle, Wolf-Peter Schill, Maximilian Amberg, Tobias Bergmann and Henrika Meyer]
- Bewertung des Klimapakets und nächste Schritte. CO₂-Preis, sozialer Ausgleich, Europa, Monitoring. 2019.[with Ottmar Edenhofer, Matthias Kalkuhl, Brigitte Knopf and Michael Pahle]
- Optionen für eine CO₂-Preisreform. MCC-PIK-Expertise für den Sachverständigenrat zur Begutachtung der gesamtwirtschaftlichen Entwicklung. 2019. [with Ottmar Edenhofer, Matthias Kalkuhl, Brigitte Knopf and Michael Pahle]
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