

Curriculum Vitae

Dr. phil. Martin Kowarsch

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Climate Change (MCC)
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PERSONAL PROFILE

- Specialized in practically oriented *philosophy of the science-policy interface*, particularly normative assumptions – by combining pragmatist philosophy of (social) science, political philosophy & ethics, and interdisciplinary research w.r.t. climate and sustainability governance
- Advised multiple science-policy institutions on the design of integrated policy assessments
- Designed and led deliberative assessment processes engaging citizens (national & local)

CURRENT POSITION

Since 2015 Head of MCC Working Group ‘Scientific Assessments, Ethics & Public Policy’

PROFESSIONAL EXPERIENCE

2012-2014 Co-Head of MCC Working Group ‘Assessments and Scientific Policy Advice’

2011-2012 Coordinator of research domain ‘Equitable World Economy and Sustainable Resource Use’, Institute for Social & Development Studies (IGP) at the Munich School of Philosophy

2010 Guest researcher (four months), Potsdam Institute for Climate Impact Research (PIK): integrated assessment models and economic policy advice

2007-2012 Researcher (PhD student), IGP. Moral philosophy research for two projects:

- ‘Sustainable Water Management’ (2010-12), with PIK and Humboldt-University Berlin, funded by BMBF (Fed. Ministry of Educat. & Research)
- ‘Climate Change & Justice’ (2007-10), with PIK; Misereor; Munich Re Foundation. Research stay in Niamey (Niger), Nov 2009

2003-2007 Political youth education (freelance), Heinrich-Pesch-Haus Ludwigshafen (Germany) on EU, democracy, globalization, etc. / Worked for political party

EDUCATION

2012	Doctorate (summa cum laude), <i>Philosophy</i> , Munich School of Philosophy Dissertation (1.0) on pragmatist philosophy of economics for climate policy
2009-2012	B.Sc. (uncompleted), <i>Economics</i> , University of Hagen (FernUniversität)
2002-2007	Magister Artium (1.1, top of class), <i>Philosophy</i> , Munich School of Philosophy Main subjects: Ethics, Political Philosophy, Ancient Philosophy, Analytic Metaphysics; foundations of Social Sciences
2002-2005	Intermediate diploma (1.47), <i>Theology</i> , Ludwig-Maximilians-Univ. Munich
2001	School-leaving qualification 'Abitur' (1.0, top of class), Bretten (Germany)
Further skills	Leadership, project management, communication: multiple trainings. Social work in Lipova (Romania), community service, 2001-02

AWARDS

2008-2010	Full doctoral 3-year-scholarship, Franz Furger Foundation (Switzerland)
2007	Alfred Delp Prize for Master's thesis on Albert Schweitzer's Ethics
2001	Several school-leaving prizes (2001), e.g.: Melanchthon Prize; e-fellow student scholarship; Baden Württemberg prize for political education

GRANTS

2021-2022	DBU, 'Wald Brandenburg' (ca. € 124,000); <i>project lead</i> , varied consortium to facilitate, evaluate and communicate local participation processes to jointly deliberate forest management options informed by scientific assessments
2020-2024	FORMAS, 'Rivet' (ca. € 780,000), philosophical and transdisciplinary research project with Univ. Lund; <i>work package lead</i> on novel deliberative approaches to the integration of diverse values in model-based climate economics
2020-2023	BMBF, 'Ariadne' (ca. € 29,000,000), integrated assessment on the German energy transition; <i>work package co-lead</i> (ca. € 1,000,000) on rigorously designed, science-informed deliberation processes with citizen about policy alternatives for the transport sector and the renewables sector
2019	DKN Future Earth, 'Divergent values in sustainability assessments: love them, leave them, or change them?' (co-funding, € 11,500), 3-day conference; <i>head</i>
2017	DFG, 'Social science & sustainability roundtables'; <i>co-organizer</i>
2013-2017	UN Environment & MCC, 'FOGEAM' (ca. \$ 100,000); <i>project lead</i> (coordinator), big inter- and transdisciplinary research initiative on opportunities and challenges for solution-oriented global environmental assessments, involving expert workshops, a journal special issue, etc

BOARDS & MEMBERSHIPS

Boards:

- Editorial Board of 'Palgrave Communications' journal, Associate Editor, 2017-20
- Scientific Steering Committee, German Citizen Council on Climate ('Bürgerrat Klima'), 2020-21
- Network Development Group of the International Network of Government Science Advice (INGSA), 2015-17
- Expert advisory board, museum project 'Klimaerlebniswelt', Kreis Lippe (Germany), since 2021

Memberships:

- Integrated Assessment Society (TIAS) and TIAS Learning Community
- Society for Philosophy of Science in Practice (SPSP) network
- Water ethics network, 2011-15
- ENRI-Future climate ethics network funded by ESF, 2011-12

TEACHING

2021	Studienstiftung, 'Nachhaltigkeitsakademie', seminar on policy & deliberation
2019	Böll Foundation, PhD seminar on 'Knowledge & values in policy advice'
2017-2018	FernUniversität Hagen, 'infernum', lectures on the IPCC and science in policy
2015	University of Potsdam, political science seminar on 'Global Environmental Governance in the Anthropocene', with Th. Hickmann
2014	KIT Karlsruhe, PhD Summer School on energy scenarios and policy advice
2013	TU Berlin, lecture & tutor on social welfare functions, with O. Edenhofer
2012-2018	MCC Berlin, co-supervision of several PhD students
2012	Hertie School of Governance, Master course on IPCC, with Ch. Flachsland
2006-2011	Munich School of Philosophy, (co-)teaching seminars on Aristotle's Nicomachean Ethics; Albert Schweitzer's ethics; Amartya Sen on capability and development; climate justice; climate economics and vulnerability; Max Weber and the social sciences. Also serving as tutor for students (2007-09)

RESEARCH & TEACHING INTERESTS

- *Science-policy interface* (theory & practice), especially integrated assessments for climate policy and sustainability governance
- *Deliberative democracy* (theory & practice), especially transdisciplinary co-production, policy learning, participation, mini-publics, and strategies vs. populism and social divide
- *Pragmatist philosophy of science* (in the tradition of J. Dewey), especially of the social sciences, values in economics, fact-value entanglement, and objectivity
- *Ethics & justice/political theory*, especially pragmatist and applied (w.r.t. climate, sustainability, economics & welfare, capabilities, human-nature), A. Schweitzer's and Aristotle's philosophy

KNOWLEDGE TRANSFER & ADVISORY WORK (selected)

Informed practical advice to institutions and actors involved in *global assessment processes*, e.g.:

- *IPCC*: contributed to WG III's assessment strategy (2010-14) based on the pragmatist model for integrated policy assessments that I co-developed with former IPCC Co-Chair O. Edenhofer; reviewed IPCC reports with regard to their assessment approach; participated in IPCC Expert Meeting in Geneva (2015) to discuss the usefulness and practicalities of potential social-science studies on IPCC processes; contributed to high-level MCC workshop with experts and governmental officials on the role of social sciences in future IPCC assessments (Berlin, 2015), with Harvard Project on Climate Agreements, FEEM and Stanford University; etc
- *UN Environment*: prepared and presented a FOGEAM report (151pp.) and a policy brief as official, invited inputs at UNEP's Intergovernmental and Multi-Stakeholder Consultation on GEO-6 (Berlin, 2014); organized expert workshops to inform future assessment-making, including e.g. the high-level FOGEAM workshop in Berlin (2015) with scholars, practitioners and governmental officials; reviewed GEO-6 (with regard to its assessment approach) and UN Environment's report 'Strengthening the Science-Policy Interface: A gap analysis' (2017; the report prominently cites the FOGEAM studies), on invitation; etc
- *IPBES*: reviewed various assessment documents for IPBES with regard to their assessment approach; participated in IPBES-5 plenary (Bonn, 2017) as observer to discuss new assessment ideas; contributed to an expert webinar about the future of IPBES assessments, organized by the International Science Council (2018, on invitation); etc
- *Other UN assessment bodies*: provided advice for an envisaged assessment on food and nutrition (IPFN) in 2015; invited to 'UNISDR Science and Technology Conference' in Geneva, 2016, for discussions about the appropriate design of assessments related to disaster risks; gave presentation as keynote speaker at the side event 'The science-policy interface for climate-smart agriculture in action' of the COP-23, organized by CGIAR, MCC, et al (Bonn, 2017)

Advisory work concerning the *science advice mechanism* (SAM) of the European Commission, e.g.:

- Co-organized 2nd INGSA science-policy conference in Brussels, with the EU Commission, 2016
- Participated in a public panel discussion with former EU Chief Scientific Adviser Anne Glover about 'Scientific policy advice in Europe' at the MCC (2015)
- Contributed to high-level event 'Future Directions for Scientific Advice in Europe' involving experts, EU officials and academy members, organized by Stiftung Mercator et al (Berlin, 2015)
- Invited to review a proposal by European Academy Networks concerning the EU SAM, 2016
- Media statements on the appropriate design of the EU SAM

Contributing to *national science-policy interfaces*, e.g.:

- Invited review of guidelines for German energy scenarios, organized by German scientific academies for the ESYS project (workshop at KIT Karlsruhe, 2015)
- Invited to the multi-stakeholder event 'Klimadialog' to discuss assessment approaches (2021)
- Invited to a workshop on cross-border cooperation with the Netherlands on citizen participation in a science-informed energy transition (online, 2021)
- Invited presentation to Moroccan governmental officials about climate governance and assessment-making (2017, Berlin), organized by the German Federal Foreign Office
- Designed and coordinated transdisciplinary assessment processes with citizens in 'Ariadne'
- Advised the German 'Citizen Council on Climate' regarding scientific policy assessments (2021)

PUBLICATIONS

More than 50 scientific publications (25 peer-reviewed). Published both in philosophy outlets (Oxford Univ. Press; Springer philosophy series; etc.) and interdisciplinary journals (Nature; Nature Climate Change; Global Environmental Change; Environmental Res Letters; Environm Science & Policy; Sustainability; etc.)

Three key publications:

- 2017. A road map for global environmental assessments. *Nature Climate Change* 7(6): 379–382.
- 2016. A Pragmatist Orientation for the Social Sciences in Climate Policy. How to Make Integrated Economic Assessments Serve Society. Boston Studies in the Philosophy and History of Science 323. *Springer Nature*.
- 2016. Principles or Pathways? Improving the Contribution of Philosophical Ethics to Climate Policy. In: Heyward & Roser (eds.): *Climate Justice in a Non-Ideal World*. *Oxford Univ Press*, pp. 296–318.

Journal articles (peer-reviewed)

- Maas, Timo Y.; Montana, Jasper; van der Hel, Sandra; Kowarsch, Martin; Tuinstra, Willemijn; Schoolenberg, Machteld; Mahony, Martin; Lucas, Paul L.; Kok, Marcel; Bakkes, Jan; Turnhout, Esther (2021): [Effectively empowering: A different look at bolstering the effectiveness of global environmental assessments](#). *Environmental Science and Policy* 123: 210–219. Open access: <https://www.sciencedirect.com/science/article/pii/S1462901121001507#>
- Kowarsch, Martin (2021): [Beratung für Corona- und Klimapolitik: Fakten, Handlungsvorschläge oder gar Ziele?](#) In: *Forschung - Politik, Strategie, Management* 3+4/2020, pp. 97-100. Online: https://0a59654b-c029-4e59-a817-d92d38cf7998.filesusr.com/ugd/7bac3c_aa47ead9a72c47ec83197fe39230b216.pdf
- Creutzig, Felix; Javaid, Aneeqe; Soomaaroo, Zakia; Lohrey, Steffen; Milojevic-Dupont, Nikola; Ramakrishnan, Anjali; Sethi, Mahendra; Liu, Lijing; Niamir, Leila; Bren d'Amour, Christopher; Weddige, Ulf; Lenzi, Dominic; Kowarsch, Martin; Arndt, Luisa; Baumann, Lulzim; Betzien, Jody; Fonkwa, Lesly; Huber, Bettina; Mendez, Ernesto; Misiou, Alexandra; Pearce, Cameron; Radman, Paula; Skaloud, Paul; Zausch, J. Marco (2020): [Fair street space allocation: ethical principles and empirical insights](#). *Transport Reviews*, 40(6): 711-733. <https://doi.org/10.1080/01441647.2020.1762795>.
- Garard, Jennifer; Koch, Larissa; Kowarsch, Martin (2018): [Elements of success in multi-stakeholder deliberation platforms](#). *Palgrave Communications* 4, 129. Open access: <https://www.nature.com/articles/s41599-018-0183-8>
- Lenzi, Dominic; Lamb, William F.; Hilaire, Jérôme; Kowarsch, Martin; Minx, Jan C. (2018): [Weigh the ethics of plans to mop up carbon dioxide \[online title: Don't deploy negative emissions technologies without ethical analysis\]](#). *Nature* 561: 303–305. Link: <https://www.nature.com/articles/d41586-018-06695-5>
- Garard, Jennifer; Kowarsch, Martin (2017): [Objectives for Stakeholder Engagement in Global Environmental Assessments](#). *Sustainability* 9(9): 1571. Open Access: <http://www.mdpi.com/2071-1050/9/9/1571>

- Kowarsch, Martin; Flachslund, Christian; Garard, Jennifer; Jabbour, Jason; Rioussset, Pauline (2017): [The treatment of divergent viewpoints in global environmental assessments](#). **Environmental Science and Policy** 77: 225–234. doi:10.1016/j.envsci.2017.04.001. Link: <https://www.sciencedirect.com/science/article/pii/S1462901117303313>
- Kowarsch, Martin; Jabbour, Jason (2017): [Solution-oriented global environmental assessments: Opportunities and challenges](#). **Environmental Science and Policy** 77: 187–192. doi:10.1016/j.envsci.2017.08.013. Open access: <https://www.sciencedirect.com/science/article/pii/S1462901117308353>
 - This article introduces the **Special Issue of Environmental Science and Policy** dedicated to “[Solution-oriented Global Environmental Assessments: Opportunities and Challenges](#)”. Guest Editors: Martin Kowarsch and Jason Jabbour. Link to Special Issue: <https://www.sciencedirect.com/science/journal/14629011/77>
- Rioussset, Pauline; Flachslund, Christian; Kowarsch, Martin (2017): [Global environmental assessments: Impact mechanisms](#). **Environmental Science and Policy** 77: 260–267. doi:10.1016/j.envsci.2017.02.006. Link: <https://www.sciencedirect.com/science/article/pii/S146290111730151X>
- Garard, Jennifer; Kowarsch, Martin (2017): [If at first you don't succeed: Evaluating stakeholder engagement in global environmental assessments](#). **Environmental Science and Policy** 77: 235–243. doi:10.1016/j.envsci.2017.02.007. Link: <https://www.sciencedirect.com/science/article/pii/S1462901117301521>
- Kowarsch, Martin; Jabbour, Jason; Flachslund, Christian; Kok, Marcel T.J.; Watson, Robert; Haas, Peter M.; Minx, Jan C.; Garard, Jennifer; Rioussset, Pauline; Pintér, László; Langford, Cameron; Yamineva, Yulia; von Stechow, Christoph; O'Reilly, Jessica; Edenhofer, Ottmar (2017): [A road map for global environmental assessments](#). **Nature Climate Change** 7(6): 379–382. doi:10.1038/nclimate3307. Free version: <http://rdcu.be/s7kC>
- Kowarsch, Martin; Garard, Jennifer; Rioussset, Pauline; Lenzi, Dominic; Dorsch, Marcel J.; Knopf, Brigitte; Hars, Jan-Albrecht; Edenhofer, Ottmar (2016): [Scientific assessments to facilitate deliberative policy learning](#). **Palgrave Communications** 2:16092 (Special Issue on Scientific advice to governments, guest edited by Sir P. Gluckman and J. Wilsdon). Open access: <https://www.nature.com/articles/palcomms201692>
- Kowarsch, Martin (2016): [Policy assessments to enhance EU scientific advice](#). **Nature Climate Change** 6(1): 15–17. DOI: 10.1038/nclimate2835. Link: <https://www.nature.com/articles/nclimate2835>
- Edenhofer, Ottmar; Kowarsch, Martin (equal contributions) (2015): [Cartography of pathways: A new model for environmental policy assessments](#). **Environmental Science & Policy** 51: 56–64. DOI: 10.1016/j.envsci.2015.03.017. Free version: http://www.ingsa.org/wp-content/uploads/2015/11/PEM_final_ESP_2015.pdf
- Biewald, Anne; Kowarsch, Martin (equal contributions); Lotze-Campen, Hermann; Gerten, Dieter (2015): [Ethical aspects in the economic modeling of water policy options](#). **Global Environmental Change** 30(1): 80–91. DOI: 10.1016/j.gloenvcha.2014.11.001. Link: <https://www.sciencedirect.com/science/article/pii/S0959378014001824>
- Edenhofer, Ottmar; Jakob, Michael; Creutzig, Felix; Flachslund, Christian; Fuss, Sabine; Kowarsch, Martin; et al. (2015): [Closing the emission price gap](#). **Global Environmental Change** 31: 132–143. DOI: 10.1016/j.gloenvcha.2015.01.003. Link: <https://www.sciencedirect.com/science/article/pii/S0959378015000059>.

- [Reprinted in: Kaul, Inge (ed.) (2016): Global Public Goods. Edward Elgar, Ch. 22]
- Gerten, Dieter; Lucht, Wolfgang; Oestberg, Sebastian; Heinke, Jens; Kowarsch, Martin; Kreft, Holger; et al. (2013): [Asynchronous exposure to global warming: freshwater resources and terrestrial ecosystems](#). **Environmental Research Letters** 8(034032). DOI: 10.1088/1748-9326/8/3/034032. Open access: <http://iopscience.iop.org/article/10.1088/1748-9326/8/3/034032>
- Wallacher, Johannes; Reder, Michael; Kowarsch, Martin (2009): [Klimawandel, weltweite Armut und Gerechtigkeit: Begründung und Gestaltung einer integrierten Klima- und Entwicklungspolitik](#). **Umweltpsychologie** 13: 52–67.

Books and book chapters (peer-reviewed)

- Edenhofer, Ottmar; Kowarsch, Martin (2019): [Pascal's Wager Reframed: Towards Trustworthy Climate Policy Assessments for Risk Societies](#). In: Macedo, Stephen (ed.): **Why trust science?** Naomi Oreskes. The University Center for Human Values Series. Princeton: Princeton Univ Press, pp. 191–201. Book description: <https://press.princeton.edu/books/hardcover/9780691179001/why-trust-science>
- Kowarsch, Martin (2016): **A Pragmatist Orientation for the Social Sciences in Climate Policy. How to Make Integrated Economic Assessments Serve Society**. Boston Studies in the Philosophy and History of Science 323. Switzerland: Springer International Publishing [326pp.]. Book description: <http://www.springer.com/gp/book/9783319432793>
- Kowarsch, Martin; Edenhofer, Ottmar (2016): [Principles or Pathways? Improving the Contribution of Philosophical Ethics to Climate Policy](#). In: Heyward, Clare; and Roser, Dominic (eds.): **Climate Justice in a Non-Ideal World**. Oxford: Oxford Univ Press, pp. 296–318. Book description: <https://global.oup.com/academic/product/climate-justice-in-a-non-ideal-world-9780198744047>
- Kowarsch, Martin; Gösele, Andreas (2012): [Triangle of Justice](#). In: Edenhofer, Ottmar; Wallacher, Johannes; Lotze-Campen, Hermann; Reder, Michael; Knopf, Brigitte; and Müller, Johannes (eds.): **Climate Change, Justice and Sustainability: Linking Climate and Development Policy**. Dordrecht: Springer, pp. 73–90. Book description: <https://link.springer.com/book/10.1007/978-94-007-4540-7>
- Knopf, Brigitte; Kowarsch, Martin; Edenhofer, Ottmar; Luderer, Gunnar (2012): [Climate Change Mitigation: Options, Costs and Risks](#). In: Edenhofer, Ottmar; Wallacher, Johannes; Lotze-Campen, Hermann; Reder, Michael; Knopf, Brigitte; and Müller, Johannes (eds.): **Climate Change, Justice and Sustainability: Linking Climate and Development Policy**. Dordrecht: Springer, pp. 139–150.
- Knopf, Brigitte; Kowarsch, Martin; Flachsland, Christian; Edenhofer, Ottmar (2012): [The 2°C Target Reconsidered](#). In: Edenhofer, Ottmar; Wallacher, Johannes; Lotze-Campen, Hermann; Reder, Michael; Knopf, Brigitte; and Müller, Johannes (eds.): **Climate Change, Justice and Sustainability: Linking Climate and Development Policy**. Dordrecht: Springer, pp. 121–138.
- Knopf, Brigitte; Kowarsch, Martin; Lüken, Michael; Edenhofer, Ottmar; Luderer, Gunnar (2012): [A Global Carbon Market and the Allocation of Emission Rights](#). In: Edenhofer, Ottmar; Wallacher, Johannes; Lotze-Campen, Hermann; Reder, Michael; Knopf, Brigitte; and Müller, Johannes (eds.): **Climate Change, Justice and Sustainability: Linking Climate and Development Policy**. Dordrecht: Springer, pp. 269–286.


Other academic publications (no peer-review)

- Kowarsch, Martin; Lenzi, Dominic (2019): **Divergent values in sustainability assessments: Love them, leave them, or change them?** Conference Report. Online: https://www.mcc-berlin.net/fileadmin/data/C18_MCC_Publications/Events/Conference_Report_mk_PICs_2.pdf
- Akhtar-Schuster, Mariam; Textor, Christiane; Egner, Heike; Jetzkowitz, Jens; Kowarsch, Martin; Settele, Josef (2018): **Towards a virtual collaboration platform for inter- and transdisciplinary research in support of international environmental policy that puts people at the focus: a new role for social sciences and the humanities.** A Letter edited by the DLR Project Management Agency, Berlin/Bonn, Germany. Link: https://www.academia.edu/39100877/Towards_a_virtual_collaboration_platform_for_inter_and_transdisciplinary_research_in_support_of_international_environmental_policy_that_puts_people_at_the_focus_a_new_role_for_social_sciences_and_the_humanities
- Kowarsch, Martin; Pahl-Wostl, Claudia (2018): **Sustainability: platforms to facilitate deliberative policy learning.** Expert workshop, Berlin, 5-6 September 2018. Report. Online: https://www.mcc-berlin.net/fileadmin/user_upload/Kowarsch_Workshop_Report_LearningPlatforms_sep2018.pdf
- Garard, Jennifer; Koch, Larissa; Kowarsch, Martin (2018): **Elements of success in multi-stakeholder deliberation platforms.** News Feature. **TIAS Quarterly.** Online: <https://mailchi.mp/ad34262ab893/tias-quarterly-newsletter-december-2018>
- Kowarsch, Martin (2017): Chap. 4: **Beyond general principles: water ethics in a Deweyan perspective.** In: Ziegler, Rafael; and Groenfeldt, David (eds.): **Global Water Ethics: Towards a Global Ethics Charta.** UK: Routledge, pp. 57–74. Book description: <https://www.routledge.com/Global-Water-Ethics-Towards-a-global-ethics-charter/Ziegler-Groenfeldt/p/book/9781138204294>
- Kowarsch, Martin; Stamm, Julia; Hausmann, Jeannine; Wilsdon, James (2017): **Report: Principles and guidelines for social science advice to policy. An expert workshop** (Berlin, 25 April 2017) jointly organised by INGSA, MCC Berlin, and Stiftung Mercator. Online: <http://www.ingsa.org/wp-content/uploads/2017/05/Summary-INGSA-MCC-Mercator-soc-sci-WS-Apr-2017.pdf>
- Kowarsch, Martin; Edenhofer, Ottmar (2015): **Experts as Cartographers of Policy Pathways for Europe.** In: Wilsdon, James; and Doubleday, Robert (eds.): **Future Directions for Scientific Advice in Europe**, pp. 113–122. Open access: <http://www.csap.cam.ac.uk/projects/future-directions-scientific-advice-europe/>
- Edenhofer, Ottmar; Kowarsch, Martin (2015): **Ausbruch aus dem stahlharten Gehäuse der Hörigkeit: ein neues Modell wissenschaftlicher Politikberatung.** In: Weingart, Peter; and Wagner, Gert G. (eds.): **Wissenschaftliche Politikberatung im Praxistest.** Weilerswist: Velbrück, pp. 83–106.
- Kowarsch, Martin; Edenhofer, Ottmar (2014): **Vom Umgang mit Wertekonflikten in wissenschaftlichen Gutachten zur Klimapolitik.** In: Steger, Florian (ed.): **Bedroht Entscheidungsfreiheit Gesundheit und Nachhaltigkeit? Zwischen notwendigen Grenzen und Bevormundung.** Münster: mentis, pp. 139–163.
- Kowarsch, Martin; Flachsland, Christian; Jabbour, Jason; Garard, Jennifer; Rioussset, Pauline (2014): **The Future of Global Environmental Assessment Making (FOGEAM): Reflecting on past experiences to inform future choices.** MCC Working Paper. Report prepared for UNEP's IGMS consultation on GEO-6, Oct 2014, Berlin. Online: https://www.mcc-berlin.net/fileadmin/data/C18_MCC_Publications/FOGEAM_Preliminary_Draft_Report_17102014.pdf

- Kowarsch, Martin (2014): **What are scientific assessments?** Working Paper. Online: https://www.mcc-berlin.net/fileadmin/data/B2.3_Publications/Working%20Paper/2014_Work_MCC4_Kowarsch_What%20are%20scientific%20assessments.pdf
- Wallacher, Johannes; Kowarsch, Martin (2013): **Klimaschutz und Armutsbekämpfung: Ein Dilemma?** In: Wallacher, Johannes; Müller, Johannes; and Reder, Michael (eds.): **Weltprobleme**. 7th edition. Munich: Bayerische Landeszentrale für politische Bildung, pp. 253–274.
- Edenhofer, Ottmar; Kowarsch, Martin (2012): **Wem nützt, wem schadet Klimaschutz?** In: Schreijäck, Thomas; Bröckelmann-Simon, Martin; Antkowiak, Thomas; Biesinger, Albert; and Fuchs, Ottmar (eds.): **Horizont Weltkirche: Erfahrungen - Themen - Optionen und Perspektiven. Josef Sayer zu Ehren**. Ostfildern: Grünewald, pp. 241–260.
- Kowarsch, Martin (2012): **Wie sollte die Nutzung des knappen Gutes Süßwasser geregelt werden?** In: Maring, Matthias (ed.): **Globale öffentliche Güter in interdisziplinären Perspektiven**. ZTWE series Vol. 5. Karlsruhe: KIT Scientific Publishing, pp. 161–178. Online: <http://digbib.ubka.uni-karlsruhe.de/volltexte/1000027069>
- Edenhofer, Ottmar; Kowarsch, Martin (2011): **Klimaschutz und Klimawandel**. In: Stoecker, Ralf; Neuhäuser, Christian; and Raters, Marie-Luise (eds.): **Handbuch Angewandte Ethik**. Stuttgart: Metzler, pp. 511–517.
- Kowarsch, Martin (2011): **"Corporate Water Strategies" (W. Sarni): Book review. Ökologisches Wirtschaften** 3: 53–54.
- Kowarsch, Martin (ed.) (2011): **Water management options in a globalised world. Proceedings of an international scientific workshop** (June 20–23, 2011, Bad Schönbrunn). 2nd, revised edition. Online: https://www.mcc-berlin.net/fileadmin/user_upload/Kowarsch/Proceedings_2nd_edition.pdf
- Kowarsch, Martin (2011): Chapter 4. **Ethical targets and questions of water management**. In: Kowarsch, Martin (ed.): **Water management options in a globalised world. Proceedings of an international scientific workshop** (June 20–23, 2011, Bad Schönbrunn). 2nd, revised edition. Online: https://www.mcc-berlin.net/fileadmin/user_upload/Kowarsch/Proceedings_2nd_edition.pdf
- Kowarsch, Martin (2011): **From Human Rights to Water Management. A General Water Ethical Framework**. Third **IGP working paper** prepared for the research project "Sustainable Water Management in a Globalized World", funded by Germany's Federal Ministry of Education and Research (BMBF).
- Kowarsch, Martin (2011): **Diversity of water ethics – a literature review**. Second **IGP working paper** prepared for the research project "Sustainable Water Management in a Globalized World", funded by Germany's Federal Ministry of Education and Research (BMBF).
- Kowarsch, Martin; Schröer, Katharina (2011): **What should water ethics be about? The problem with identifying problems**. First **IGP working paper** prepared for the research project "Sustainable Water Management in a Globalized World", funded by Germany's Federal Ministry of Education and Research (BMBF).
- Kowarsch, Martin (2010): **Albert Schweitzers Ethikbegründung**. In: Hofmeister, Georg; and Schüz, Gottfried (eds.): **Ehrfurcht vor dem Leben. Zur Aktualität der Ethik Albert Schweitzers**. Hofgeismarer Protokolle 350, Hofgeismar, pp. 101–118.
- Kowarsch, Martin; Gösele, Andreas; Reder, Michael (2010): Chapter 3.2: **Das Dreieck der Gerechtigkeit**. In: Edenhofer, Ottmar; Wallacher, Johannes; Reder, Michael; and Lotze-Campen, Hermann (eds.): **Global, aber gerecht. Klimawandel bekämpfen, Entwicklung ermöglichen**. A

report by the Potsdam Institute on Climate Impact Research and the Institute for Social and Development Studies (Munich) mandated by Misereor and the Munich Re Foundation. Munich: Beck, pp. 61–69.

- Knopf, Brigitte; Kowarsch, Martin; Edenhofer, Ottmar (2010): Chapter 4.1: [Das 2°C-Ziel – mehr als ein fauler Kompromiss](#). In: Edenhofer, Ottmar; Wallacher, Johannes; Reder, Michael; and Lotze-Campen, Hermann (eds.): **Global, aber gerecht. Klimawandel bekämpfen, Entwicklung ermöglichen**. A report by the Potsdam Institute on Climate Impact Research and the Institute for Social and Development Studies (Munich) mandated by Misereor and the Munich Re Foundation. Munich: Beck, pp. 93–100.
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- Carraro, Carlo; et al. (2015): [The IPCC at a crossroads: Opportunities for reform](#). **Science**. Policy Forum. <https://www.science.org/doi/10.1126/science.aac4419>
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- Leopoldina, acatech, UNION (eds.) (2015): **Stellungnahme: Mit Energieszenarien gut beraten: Anforderungen an wissenschaftliche Politikberatung**. ISBN: 978-3-8047-3507-1. Report online: <https://energiesysteme-zukunft.de/publikationen/stellungnahme-energieszenarien/>
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- Rothman, Dale S.; van Bers, Caroline; Bakkes, Jan; Pahl-Wostl, Claudia on behalf of The Integrated Assessment Society (TIAS) (2009): [How to make global assessments more effective: lessons from the assessment community](#). **Current Opinion in Environmental Sustainability** 1: 214–218.
- Bordt, Michael (2006): **Aristoteles' "Metaphysik XII"**, Darmstadt: WBG.

Work in progress / forthcoming:

- Lenzi, Dominic; Kowarsch, Martin (peer-reviewed, accepted, forthcoming soon): Integrating Justice in Climate Policy Assessments: Towards a Deliberative Transformation of Feasibility. In: Kenehan, Sarah; et al (eds.): Climate Justice and Feasibility: Climate Politics, Principles of Justice, and Feasibility. Rowman & Littlefield.
- Article revision “climate ethics” (with O. Edenhofer) for new edition of: Stoecker, Ralf; Neuhäuser, Christian; and Raters, Marie-Luise (eds.): Handbuch Angewandte Ethik. Stuttgart: Metzler, forthcoming soon.
- Article on a refined pragmatist approach to applied (climate) ethics: the promises and practicalities of deliberating about highly value-laden socio-economic assumptions at the science-policy interface (Rivet project publication, work in progress)
- Article on the conceptual relationship between sufficientarianism and climate economics (Rivet project publication, with D. Lenzi, work in progress)
- Book project “Deutschland denkt!” (working title, in German) describing a new practical approach to transdisciplinary assessment and deliberative citizen engagement for sustainability governance (work in progress)

SELECTED media & blog contributions, and publications for non-scientific audiences (research-based)

- Blum, Mareike; Colell, Arwen; Hoffmann, Julia; Karohs, Karoline; Kowarsch, Martin; Krude, Maren; Saur, Miriam; Thiel, Holger – in alphabetical order (2021): **Was ist uns wichtig bei Verkehrs- und Stromwende?** Bürgerinnen und Bürger sprechen über Herausforderungen und Ziele. Ariadne-Report. Online: https://ariadneprojekt.de/media/2021/02/2021_Februar_Ariadne-Report_Fokusgruppen.pdf
- Kowarsch, Martin (2021): **Pioneers of Politics 11: IFZ-Interview mit Martin Kowarsch**. Video: <https://www.youtube.com/watch?app=desktop&v=aklRfwhHbul>
- Dotti, Anna (2020): **Martin Kowarsch** [Newspaper portrait about me, based on interview]. In: **Tagesspiegel Background Energie & Klima**. Online: <https://background.tagesspiegel.de/energie-klima/martin-kowarsch> / https://www.mcc-berlin.net/fileadmin/user_upload/Kowarsch_Potr%C3%A4t_Tagesspiegel_Background.pdf
- Jakob, Michael; Kowarsch, Martin (2020): **Corona: Die letzte Krise des Kapitalismus?** In: **MAKRONOM Blog**. Online: <https://blog.mcc-berlin.net/post/article/corona-die-letzte-krise-des-kapitalismus.html>
- Kowarsch, Martin (2020): #8 **Martin Kowarsch on value conflicts**. In: **MCC Video series "Climate & The Economy"**. Video: <https://www.youtube.com/watch?v=hiVNIRMhzLA>
- Kowarsch, Martin (2019): **Reconciling research for the common good**. In: **Elephant in the Lab Blog**. Online: <https://elephantinthelab.org/reconciling-research-for-the-common-good/>
- Kowarsch, Martin (2019): **Handlungsoptionen statt Entscheidungen**. In: **Tagesspiegel Background Energie & Klima**, 18.02.2019. Online: <https://background.tagesspiegel.de/energie-klima/handlungsoptionen-statt-entscheidungen>
- Kowarsch, Martin (2019): **Schweitzers Philosophie: Kompass im “Menschenzeitalter“**. In: **Albert-Schweitzer-Rundbrief** Nr. 111, Jahrbuch 2019. Frankfurt: DASZ, pp. 97–101. ISBN: 978–3–9815417–7–9

- Watson, Bob; Scholes, Bob; Kowarsch, Martin; International Council for Science (ICSU) (2017): [Why 2018 is a big year for global environmental assessments](https://www.icsu.org/current/blog/test). In: **ICSU blog interview**. Online: <https://www.icsu.org/current/blog/test>
- Appearance (interviews) in Movie “**The Climate Puppets: Cut the Ropes**” (co-funded by the European Union). Online: <http://www.theclimatepuppets.org/>
- Kowarsch, Martin (2015): [More clarity needed on new EU science advice mechanism](https://sciencebusiness.net/news/77126/More-clarity-needed-on-new-EU-science-advice-mechanism). Commentary. **Science|Business**. Online: <https://sciencebusiness.net/news/77126/More-clarity-needed-on-new-EU-science-advice-mechanism>
- Quotations in newspaper articles about the new **EU science advice mechanism (2015-2017)**, e.g.: <https://www.faz.net/aktuell/wissen/jean-claude-junckers-neuer-rat-sam-high-level-group-13904846.html>, <https://taz.de/Berater-fuer-EU-Kommission/!5223664/>, <https://taz.de/!5385752/>
- Kowarsch, Martin (2015): [Weltprobleme? Man kann doch eh nichts ändern](#). In: Schüz, Gottfried (ed.): **Albert Schweitzer Reflexionen. 25 Albert Schweitzer-Pespektiven** (Bd. 2). Frankfurt a.M.: Stiftung Deutsches Albert Schweitzer Zentrum, pp. 84–88.
- Kowarsch, Martin; Flachsland, Christian; Jabbour, Jason; Garard, Jennifer; Rioussset, Pauline (2014): **MCC Background Paper prepared for UNEP’s IGMS consultation on GEO-6, Oct 2014, Berlin**. Online: https://www.mcc-berlin.net/fileadmin/data/C18_MCC_Publications/MCC_Short_Background_Input_paper.pdf
- Kowarsch, Martin (2010): [Kann man der Klimaforschung noch vertrauen? Vorwürfe gegen Weltklimarat](#). **ÖkologiePolitik** 147: 23–24.
- Kowarsch, Martin (2009): [Warum wir einen globalen Emissionshandel brauchen](#). **ÖkologiePolitik** 143: 20.
- Kowarsch, Martin (2009): [Klimawandel als Jahrhundert-Herausforderung](#). **JEV-Net** 2: 26–27.
- Kowarsch, Martin (2008): [Politik braucht Denker. Albert Schweitzers Ethik](#). **ÖkologiePolitik** 137: 10–15.
- Kowarsch, Martin (2008): [Mitschuld an weltweiter Armut. Zusammenhänge der Einen Welt](#). **Gemeinde creativ** 4: 18.

EVENTS & TALKS (selected)

- Dec 2021 invited to panel discussion and input for “**Evidence for Policymakers 2021**” virtual **conference** (STEPPS, Univ. Leiden)
- Mar 2021 invited speaker at “Dansk Filosofisk Selskab Årsmøde”, virtual **philosophy conference**
- Mar 2020 invited to “Führungskolleg” (**Leibniz Association**) on science in policy (Bad Homburg)
- Jan 2020 invited keynote speech, 48th “Forum Politik und Wirtschaft” on democracy and climate change, at business school “**Nordakademie**” **Elmshorn**
- Dec 2019 invited talk at expert workshop by **PBL** on global assessment-making (The Hague)
- Nov 2019 paper presentation at philosophy workshop on “**pragmatism & expertise**”, **Univ. Pisa**
- Oct 2019, invited keynote address at expert workshop of “**APPLY**” (COST action CA17132): **European Network for Argumentation and Public Policy Analysis**”, Poznan
- Sep 2019 **main organizer** of interdisciplinary **conference** “**Divergent values in sustainability assessments: love them, leave them, or change them?**” (Berlin); talk given
- Aug 2019 invited **co-convener** of **KOSMOS conference** on sustainability at the Humboldt-Univ. Berlin, co-organized a panel; gave a talk
- 2018 participated in global participation process ‘**Futures CoLab**’ on climate policy, by Future Earth, MIT and ClimateWorks Foundation, and participated in the participatory multi-stakeholder ‘**Trialog**’ (Berlin) on democracy and responsibility, by Humboldt Viadrina
- Sep 2018 expert workshop organized (with Prof. C. Pahl-Wostl) in Berlin on **deliberative, multi-stakeholder learning platforms** at the science-policy interface on sustainability
- Aug 2018 host and participant of an expert meeting of the Integrated Assessment Society (**TIAS**) at the MCC Berlin on principles of Integrated Assessment Review
- July 2018 **KIT** Karlsruhe: invited speech about learning processes at the science-policy interface and the PEM science-policy model (ITAS colloquium)
- Feb 2018 3rd German **Future Earth** Summit: keynote speech on solution-oriented assessments at the roundtable on the role of the social sciences & humanities
- 2016–2018: participating in (on invitation), and co-organizing, the **DFG roundtable** on social science contributions to climate change and sustainable development debates. Co-organizer of 2nd (Sep 2017, Berlin) and 3rd (Dec 2017, Hamburg, e.g. with Sheila Jasanoff) roundtable, including a presentation on “Bestandsaufnahme der SPI-Forschung: von Politics zu Policy Learning?”
- May 2017 talk on “Between dogmatism & skepticism: Mapping policy alternatives” at philosophical-interdisciplinary workshop on the SDGs achievement, University of **Trondheim**
- Apr 2017 co-organizing an expert workshop (Berlin) together with INGSA and Stiftung Mercator on principles and guidelines for **social-science advice to policy**
- Sep 2016 co-organizer of 2nd **INGSA science-policy conference** in Brussels with EU Commission. Invited to participate in INGSA high-level workshop ahead of the conference to develop principles and guidelines for scientific policy advice
- Sep 2016 invited talk for the EU’s “**JPI Climate**” meeting in Brussels on key research challenges and gaps w.r.t. climate impact model assessments and potential influence on climate economics
- Nov 2015 presentation (on invitation) on “Contemporary Global Environmental Assessments: Opportunities & Challenges” at an INGSA side event during the **World Science Forum** in Budapest

- Sep/Oct 2015 main organizer of the **FOGEAM high-level expert workshop in Berlin** bringing together scholars, assessment practitioners and governmental officials to discuss about future challenges and options for solution-oriented global environmental assessments (GEAs). Paper presentation on “The treatment of divergent viewpoints in GEAs”
- Jul 2015 paper on “Deweyan water ethics: The integrated exploration of policy pathways” presented at the conference of the International Society for Environmental Ethics (**ISEE**) in Kiel
- Jul 2015 organizing and chairing (together with C. Flachsland) a conference panel on “Advancing public policy assessment in GEAs” at the International Conference on Public Policy (**ICPP**) in Milan; paper presented on “The treatment of divergent viewpoints in GEAs”
- Jun 2015 invited talk at high-level workshop (expert-policy dialogue) in Berlin by Stiftung Mercator, Univ. of Sussex and CSaP on “**Future Directions for Scientific Advice in Europe**”
- May 2015 panel discussion at MCC Berlin with the former EU Chief Scientific Adviser **Anne Glover**
- Apr 2015, with O. Edenhofer, presentation at **Princeton University** on “Public Policy Assessments: Being Policy-Relevant without being Policy-Prescriptive?”
- Jan 2015 participated in a high-level expert discussion at MCC Berlin with leading representatives of **German science policy**. Input on integrated assessments (with C. Flachsland)
- Nov 2014 paper presented on “Principles or pathways? Enhancing the ethics contribution to climate policy” at a workshop on climate ethics at **Oxford University**, Oxford Martin School
- Nov 2014, together with B. Knopf, presentation on “Klimaforschung in der demokratischen Gesellschaft: können Assessments eine Antwort sein?” at the meeting of the German Climate Consortium (**DKK**) in Potsdam (Germany)
- Oct/Nov 2014 participated in the 40th Session of the IPCC plenary in Copenhagen where the **IPCC Synthesis Report** was discussed and finalized
- Oct 2014, as stakeholders on invitation by UNEP, participation in UNEP’s **Intergovernmental and Multi-Stakeholder Consultation (IGMS)** on GEO-6 in Berlin
- Jun 2014 participating in Stiftung **Mercator’s science-policy conference** in Berlin on “Interfaces of Science and Policy and the Role of Foundations”. Invited presentation (with O. Edenhofer et al.) on “Cartography of policy paths: A new role for science in policy”
- Feb 2014, on invitation, participating in the **OECD Global Science Forum** workshop on “Scientific Advice for Policymaking and Consequences for the Role and Responsibility of Scientists” in Berlin. Presentation on “Policy assessments: Who is responsible for what?”
- Nov 2013 paper presentation on “How Scientific Assessments Can Help Solve Value-laden and Interest-laden Conflicts in Climate Policy” at the International Conference on the Special Role of Science in Liberal Democracy” (**philosophy of science conference, Copenhagen**)
- Oct 2013 co-organizing the FOGEAM workshop on “The Global Environment Outlook series: Lessons learned and Future Options” at MCC with leading **GEO assessment authors**
- Aug 2013 co-organizing the UNEP-MCC workshop in Nairobi on “GEO-5 and the future of environmental assessment-making” as part of the FOGEAM project together with **UNEP DEWA**. Talk on “Towards a theoretical framework for global environmental assessment report analysis and design”
- Jun 2013 invited talk on “Kann Wissenschaft etwas zur Lösung klimapolitischer Konflikte beitragen?” for a workshop “Bedroht Entscheidungsfreiheit Gesundheit und Nachhaltigkeit? Zwischen notwendigen Grenzen und Bevormundung” on applied ethics in Berlin organized by the **Junge Akademie at the BBAW and Leopoldina**

- 2013-15 organized small expert workshops at MCC with **James Wilsdon** (2013, University of Sussex), **Peter Haas** (2014, University of Massachusetts Amherst), and **Clark Miller** (2015, Consortium for Science, Policy & Outcomes, Arizona State University) on assessment-making
- Feb 2013 invited to symposium on scientific policy advice at **Univ. of Sussex** (STEPS center) titled “Credibility across cultures: expertise, uncertainty and the global politics of scientific advice”
- Jan 2013 invited talk on “Mapping energy futures - how to?” at KIT Karlsruhe for “Epistemological and Ethical Problems in the Assessment of Energy Futures. Seminar-Week and International Workshop” organized by **Energy Scenarios School, KIT and DFG**
- Nov 2012 talk together with O. Edenhofer on “Ausbruch aus dem stahlharten Gehäuse der Hörigkeit - Modelle der wissenschaftlichen Politikberatung” at a lecture series in Berlin on scientific policy advice organized by **BBAW and Leibniz Association**
- Sep 2011 talk on water and human rights, and panel discussion with ex-CEO **Peter Brabeck-Letmathe** (Nestlé) in Kappel am Albis (Switzerland) at the annual “Forum Kirche und Wirtschaft”
- Jun 2011 organizing and moderating an international workshop on “**Water management options** in a globalised world” at Lassalle House (Switzerland). Talk given on water justice
- Nov 2011 participation in **ENRI-future** (ESF network on climate ethics) conference in Bucharest as member of the ENRI-future network on part of IGP Munich (2011–2012). Presentation on normative model for scientific policy advice to the ENRI working group on future scenarios (WG1)
- Apr 2009 talk on discounting in climate economics at the “Frühjahrsakademie” of **IZEW** Tübingen
- Apr 2009 invited to participate in a high-level expert meeting by The Integrated Assessment Society (**TIAS**) on assessment-making in Brussels
- Mar 2009 poster presentation P57.05 (with M. Reder) on “Ethical Criteria for Climate Policy” at the **conference** “Climate Change. Global Risks, Challenges & Decisions” in **Copenhagen**
- May 2007 organization and moderation of panel discussion with **Horst Seehofer** (German Minister for agriculture) et al. on GMO in agriculture at the Munich School of Philosophy, organized by the student initiative on Fair Trade (for which I served as founding head 2006-07)

LANGUAGES

German (native), English (proficient), French (conversational), Romanian (conversational); Latin, Classical Greek, Hebrew