

Gernot Wagner

Senior Lecturer, Columbia Business School
Faculty Director, Climate Knowledge Initiative, Columbia Business School
Research Fellow, Centre for Economic Policy Research (CEPR)
Faculty Fellow, Center for Economic Studies (CESifo)
Board Member, CarbonPlan

Columbia Business School
665 West 130th Street, 392 Kravis
New York, NY 10027
United States

+1 (212) 853-4096
gwagner@columbia.edu
gwagner.com

Curriculum Vitae

Personal

Born: 1980, Austria
Married: 2002, [Siri Nippita](#), M.D.
Children: 2011, Annan Nippita; 2013, Sonja Nippita
Citizenship: Austria and United States

Employment

Columbia Business School	New York, NY
<i>Faculty Director, Climate Knowledge Initiative</i>	2023 – present
<i>Senior Lecturer, Economics Division</i>	2022 – present
<i>Visiting Associate Professor, Finance Division</i>	Spring 2022
 New York University	 New York, NY
<i>Clinical Associate Professor, Department of Environmental Studies</i>	2019 – 2022
<i>Associated Clinical Professor, NYU Wagner School of Public Service</i>	2019 – 2022
 Harvard University	 Cambridge, MA
<i>Executive Director, Harvard's Solar Geoengineering Research Program</i>	2017 – 2019
<i>Research Associate and Lecturer</i>	2016 – 2019
Helped raise \$12 million in effort to co-found and co-lead Harvard's SGRP with Prof. David Keith.	
 Environmental Defense Fund	 New York, NY and Boston, MA
<i>Consultant</i>	2016 – 2019
<i>Lead Senior Economist</i>	2014 – 2016
<i>Senior Economist</i>	2013 – 2014
<i>Economist</i>	2008 – 2013
Co-led Office of Economic Policy and Analysis, member of EDF Leadership Council (2015 – 2016).	
 The Boston Consulting Group	 New York, NY
<i>Consultant</i>	2007-2008
Advised utility and financial-sector clients on energy and environmental issues in United States, Europe, and Asia.	
 Financial Times	 London, UK
<i>Peter Martin Fellow, Leader Writer Team</i>	2007
Wrote editorials on energy, environment, and economics.	

Education

Harvard University <i>Ph.D. in Political Economy and Government</i>	Cambridge, MA 2007
Harvard University <i>M.A. in Political Economy and Government</i>	Cambridge, MA 2006
Stanford University <i>M.A. in Economics</i>	Stanford, CA 2003
Harvard University <i>Joint A.B. magna cum laude with highest honors in Environmental Science and Public Policy, and Economics</i>	Cambridge, MA 2002

Working papers

“[Climate shift uncertainty and economic damages](#)” (with Romain Fillon & Manuel Linsenmeier, 4 November 2025); presentations: [CESifo Area Conference](#), Munich (15 March 2025); [AERE Summer Conference](#), Albuquerque (29 May 2025); [University of Innsbruck](#) Faculty of Economics and Statistics Research Seminar (9 October 2025); [Tinbergen Institute](#) Spatial Economics Seminar, Amsterdam (6 November 2025); [EIEE/CMCC Seminar](#), Milan (4 December 2025).

“[Economic Damages of Delayed Climate Action](#)” (with Kent D. Daniel, Robert B. Litterman, 17 November 2025); presentation: [Dialogues in Complexity Workshop](#), Princeton, NJ (20-21 November 2025).

“[Co-production as an Economically Feasible Pathway to Economy-Wide Electrification](#)” (with Cody E. Finke, Theodore G. Albertson, Ian McKay, Aravindh Rajan, Eric McFarland, Annelise Gill-Wiehl, and Daniel M. Kammen; 10 September 2025).

“[Updating Climate Beliefs Based on Latest IPCC Report Points to Increased Willingness to Invest in the Clean Energy Transition](#)” (with Mark C. Freeman, Ben Groom, and Frikk Nesje; Columbia Business School Research Paper No. 5282318, 4 June 2025)

“Delayed renewable energy deployment pits climate tipping points against potential nuclear accidents” (with Ruipu Yang, Rong Wang, Philippe Ciais, Josep Peñuelas, Greet Janssens-Maenhout, Katsumasa Tanaka, Jordi Sardans, James Clark, Junji Cao, Yijing Wang, Xiaofan Xing, Xiajia He & Renhe Zhang; 7 July 2024; R&R at *Joule*)

“Adverse Weather Events and Mental Health: Evidence from Health Insurance Records” (with Valeriya Azarova, Martin Halla, and Gerald J. Pruckner)

“Contracts over economics: exiting fossil fuel power purchase agreements” (with Sugandha Srivastav, Abhinav Jindal, Haneea Isaad, Windy Dewi, and Sam Fankhauser)

Publications

Books

Wagner, Gernot. [*Climate Race: Collected Essays*](#) (Ieykam, January 2024; English & German bilingual collection of 13 *Project Syndicate* columns).

Wagner, Gernot. [*Geoengineering: the Gamble*](#) (Polity Press, published on 24 September 2021 in the UK, 5 November 2021 in the U.S. and Canada); German: [*Und wenn wir einfach die Sonne verdunkeln?*](#) (oekom Verlag, 7 February 2023).

Wagner, Gernot. [*Stadt, Land, Klima*](#) (Chr. Brandstätter Verlag, 8 February 2021; written in German; English: *City, Country, Climate*).

Wagner, Gernot and Martin L. Weitzman. [*Climate Shock: The Economic Consequences of a Hotter Planet*](#) (Princeton University Press; 2015; paperback, 2016); Top 15 *Financial Times* McKinsey Business Book of the Year 2015; Austria's Natural Science Book of the Year 2017.

Wagner, Gernot. [*But Will the Planet Notice? How Smart Economics Can Save the World*](#) (Hill & Wang/Farrar Strauss & Giroux, 2011; paperback, 2012).

Wagner, Gernot. [*Der Rest der Welt: Ein Reiseführer für überzeugte Daheimbleiber*](#). (Ueberreuter Verlag, August 2003; written in German; English: *The rest of the world: a travel guide for homebodies*)

Peer-reviewed articles

Hack, Miranda, V. Faye McNeill, Dan Steingart, and Gernot Wagner. "[Engineering and logistical concerns add practical limitations to stratospheric aerosol injection strategies](#)." *Scientific Reports* 15: 34635 (21 October 2025). doi:10.1038/s41598-025-20447-2

Moore, Frances C., Moritz A. Drupp, James Rising, Simon Dietz, Ivan Rudik & Gernot Wagner. "[Synthesis of evidence yields high social cost of carbon due to structural model variation and uncertainties](#)." *PNAS* 121:52 (17 December 2024). doi:10.1073/pnas.2410733121

Hänsel, Martin C., Michael D. Bauer, Moritz A. Drupp, Gernot Wagner & Glenn D. Rudebusch. "[Climate policy curves highlight key mitigation choices](#)." *Climate Policy* (16 September 2024). doi:10.1080/14693062.2024.2392744

Bauer, Adam M., Cristian Proistosescu, and Gernot Wagner. "[Carbon dioxide as a Risky Asset](#)." *Climatic Change* 177:72 (6 May 2024). doi: 10.1007/s10584-024-03724-3

Merk, Christine and Gernot Wagner. "[Presenting balanced geoengineering information has little effect on mitigation engagement](#)." *Climatic Change* 177:11 (3 January 2024). doi: 10.1007/s10584-023-03671-5

Kotchen, Matthew J., James A. Rising, and Gernot Wagner. "[The costs of “costless” climate mitigation](#)." *Science* 382(6674): pp. 1001-3 (30 November 2023). doi: 10.1126/science.adj2453 [Subsequent reply to a letter published in *Science*: Kotchen, Matthew J., James A. Rising, and Gernot Wagner. "[Accurately interpreting IPCC assessments—Response](#)," *Science* (8 August 2024). doi: 10.1126/science.adp6652]

Wagner, Gernot and Daniel Zizzamia “[Green Moral Hazards](#).” *Ethics, Policy & Environment* 25(3): pp. 264-80 (September 2022). doi: 10.1080/21550085.2021.1940449

Dietz, Simon, James Rising, Thomas Stoerk, and Gernot Wagner. “[Economic impacts of tipping points in the climate system](#),” *PNAS* (24 August 2021). doi: 10.1073/pnas.2103081118 [Subsequent reply to a letter published in *PNAS*: Dietz, Simon, James Rising, Thomas Stoerk, and Gernot Wagner. “[Reply to Keen et al.: Dietz et al. modeling of climate tipping points is informative even if estimates are a probable lower bound](#),” *PNAS* (19 May 2022). doi: 10.1073/pnas.2201191119]

Behrer, A. Patrick R. Jisung Park, Gernot Wagner, Colleen M. Golja, and David W. Keith. “[Heat has larger impacts on labor in poorer areas](#),” *Environmental Research Communications* 3:9 (15 September 2021). doi: 10.1088/2515-7620/abffa3

Fabre, Adrien and Gernot Wagner. “[Availability of risky geoengineering can make an ambitious climate mitigation agreement more likely](#),” *Humanities & Social Sciences Communications* 7:1 (17 June 2020).

Camuzeaux, Jonathan, Thomas Sterner, and Gernot Wagner. “[India in the coming ‘climate G2’?](#)” *National Institute Economic Review* No. 251 (5 February 2020): pp. R3-12. Doi: 10.1017/nie.2020.2

Daniel, Kent D., Robert B. Litterman, and Gernot Wagner. “[Declining CO₂ price paths](#),” *PNAS* (1 October 2019). doi: 10.1073/pnas.1905755116

Reynolds, Jesse L. and Gernot Wagner. “[Highly decentralized solar geoengineering](#),” *Environmental Politics* (2019). doi: 10.1080/09644016.2019.1648169.

Kelleher, J. Paul and Gernot Wagner. “[Ramsey discounting calls for subtracting climate damages from economic growth rates](#),” *Applied Economics Letters* 26 (1): 79-82 (2019). doi:10.1080/13504851.2018.1438581

Kelleher, J. Paul and Gernot Wagner. “[Prescriptivism, risk aversion, and intertemporal substitution in climate economics](#),” *Annals of Economics and Statistics* No. 132 (December 2018): 129-49.

Smith, Wake and Gernot Wagner. “[Stratospheric aerosol injection tactics and costs in the first 15 years of deployment](#),” *Environmental Research Letters* 13 (2018) 124001. doi:10.1088/1748-9326/aae98d.

Mahajan, Aseem, Dustin Tingley, and Gernot Wagner. “[Fast, cheap, and imperfect? U.S. public opinion about solar geoengineering](#),” *Environmental Politics* (May 2018), doi:10.1080/09644016.2018.1479101

Wagner, Gernot and Martin L. Weitzman. “[Potentially large equilibrium climate sensitivity tail uncertainty](#),” *Economics Letters* 168 (July 2018): 144-6. doi:10.1016/j.econlet.2018.04.036

Mohlin, Kristina, Jonathan R. Camuzeaux, Adrian Muller, Marius Schneider, and Gernot Wagner. "[Factoring in the Forgotten Role of Renewables in CO2 Emission Trends using Decomposition Analysis: the Case of the 2007-2013 US CO2 Emissions Decline.](#)" *Energy Policy* 116 (May 2018): 290–6.

Bodnar, Paul, Rupert Edwards, Stephan Hoch, Emily F. McGlynn, Caroline Ott, and Gernot Wagner. "[Underwriting 1.5°C: Competitive Approaches to Financing Accelerated Climate Mitigation.](#)" *Climate Policy* 18 (3): 368-82 (2018). doi:10.1080/14693062.2017.1389687

Meckling, Jonas, Thomas Sterner, and Gernot Wagner. "[Policy Sequencing toward Decarbonization.](#)" *Nature Energy* 2: 918-22 (13 November 2017). doi:10.1038/s41560-017-0025-8

Tingley, Dustin and Gernot Wagner. "[Solar Geoengineering and the Chemtrails Conspiracy on Social Media.](#)" *Humanities & Social Sciences Communications* [formerly *Palgrave Communications*] 3 (12), doi:10.1057/s41599-017-0014-3 (31 October 2017).

Keith, David W., Gernot Wagner, and Claire L. Zabel. "[Solar geoengineering reduces atmospheric carbon burden.](#)" *Nature Climate Change* 7 (1 September 2017): 617–619.

Proville, Jeremy, Daniel Zavala-Araiza, and Gernot Wagner. "[Night-Time Lights: a Global, Long Term Look at Links to Socio-Economic Trends.](#)" *PLoS ONE* 12 (3): e0174610 (2017).

Burns, Elizabeth T., Jane A. Flegal, David W. Keith, Aseem Mahajan, Dustin Tingley, and Gernot Wagner. "[What do people think when they think about solar geoengineering? A review of empirical social science literature, and prospects for future research.](#)" *Earth's Future* 4(11): 536–542 (November 2016).

Kopp, Robert E, Rachael Shwom, Jiacan Yuan, and Gernot Wagner. "[Tipping elements and climate-economic shocks: Implications for the cost of climate change.](#)" *Earth's Future* 4(8): 346–372 (August 2016).

Gillingham, Kenneth, David Rapson, and Gernot Wagner. "[The Rebound Effect and Energy Efficiency Policy.](#)" *Review of Environmental Economics and Policy* (Winter 2016).

Freeman, Mark C., Gernot Wagner, and Richard J. Zeckhauser. "[Climate Sensitivity Uncertainty: When is Good News Bad?](#)" *Philosophical Transactions A* 373, 20150092 (November 2015).

Green, Jessica F., Thomas Sterner, and Gernot Wagner. "[A balance of 'bottom-up' and 'top-down' in Linking Climate Policies.](#)" *Nature Climate Change* 4 (December 2014): 1064–1067. doi:10.1038/nclimate2429

Wagner, Gernot and Richard J. Zeckhauser. "[Climate Policy: Hard Problem, Soft Thinking.](#)" *Climatic Change* 110, no. 3-4 (2012): 507-521.

Wagner, Gernot. 2010. "[Energy Content of World Trade.](#)" *Energy Policy* 38, no. 12 (2010): 7710-7721.

Lin, C.-Y. Cynthia and Wagner, Gernot. "[Steady-State Growth in a Hotelling Model of Resource Extraction.](#)" *Journal of Environmental Economics and Management* 54 (2007): 68-83.

Stavins, Robert N.; Wagner, Alexander F.; and Wagner, Gernot. "[Interpreting Sustainability in Economic Terms: Dynamic Efficiency Plus Intergenerational Equity](#)." *Economics Letters* 79 (2003): 339-343.

Policy briefs, white papers, cases, reports, testimonies, and other academic writings

Wagner, Gernot. "[Marvel Fusion](#)." *Columbia CaseWorks* #250304 (25 September 2025).

Wagner, Gernot. "[Danone: Redefining Corporate Responsibility](#)." *Columbia CaseWorks* #250314 (14 May 2025).

Wagner, Gernot and Bruce Usher. "[LONGi and the Green Hydrogen Opportunity](#)." *Columbia CaseWorks* #250313 (6 May 2025).

Subran, Ludovic, Arne Holzhausen, Gernot Wagner, and Markus Zimmer. "[Eight lessons learned from 20 years of ESG investing](#)." *Allianz Research* (29 April 2025).

Usher, Bruce and Gernot Wagner. "[LONGi: Facing Strategic Challenges in the Solar PV Sector](#)." *Columbia CaseWorks* #250311 (26 February 2025).

Wagner, Gernot. "[Vehicle-to-Grid Technology and Network Effects](#)." *Columbia CaseWorks* #250310 (24 February 2025).

Wagner, Gernot and Bruce Usher. "[Illuminate: Onshoring the US Solar Supply Chain?](#)" *Columbia CaseWorks* #250309 (5 February 2025).

Heal, Geoffrey, Bruce Usher, and Gernot Wagner. "[Ørsted's Case for Offshore Wind](#)." *Columbia CaseWorks* #250308 (24 January 2025).

Wagner, Gernot. "[Stegra: Green Hydrogen Steel](#)." *Columbia CaseWorks* #240307 (18 September 2024).

Wagner, Gernot. "[What counts as climate mitigation costs](#)." *Nature Climate Change* (22 August 2024). doi:10.1038/s41558-024-02094-z

Stavins, Robert N. and Gernot Wagner. "[Martin L. Weitzman \(1942–2019\)](#)." In: *The Palgrave Companion to Harvard Economics* (ed: Robert A. Cord), Springer International Publishing: pp. 713-29 (6 July 2024).

Heal, Geoffrey, Bruce Usher, and Gernot Wagner. "[ELP Greenport: Scaling Community Solar](#)." *Columbia CaseWorks* #240306 (20 June 2024).

Balk, Deborah, Timon McPhearson, Elizabeth M. Cook, Kim Knowlton, Nicole Maher, Peter Marcotullio, Thomas Matte, Richard Moss, Luis Ortiz, Joel Towers, Jennifer Ventrella & Gernot Wagner. "[NPCC4: Concepts and tools for envisioning New York City's futures](#)." *Annals of the New York Academy of Sciences*, pp. 1–46 (25 June 2024). doi:10.1111/nyas.15121

Wagner, Gernot. "[Stripe Climate: Creating a Market for Carbon Removal](#)." *Columbia CaseWorks* #240305 (5 April 2024).

Wagner, Gernot. "[A European Clean Growth Mindset](#)." *FEPS Policy Brief*, 27 February 2024.

Wagner, Gernot. "[Electra: Decarbonizing steelmaking through carbon-free iron.](#)" *Columbia CaseWorks* #240303 (14 February 2024).

Burgess, Matthew G., Leaf Van Boven, Gernot Wagner, Gabrielle Wong-Parodi, Kyri Baker, Maxwell Boykoff, Benjamin A. Converse, Lisa Dilling, Jonathan M. Gilligan, Yoel Inbar, Ezra Markowitz, Jonathan D. Moyer, Peter Newton, Kaitlin T. Raimi, Trisha Shrum, and Michael P. Vandenbergh. "[Supply, demand, and polarization challenges facing US climate policies.](#)" *Nature Climate Change* 14: pp. 134-42 (16 January 2024). doi: 10.1038/s41558-023-01906-y

Komanoff, Charles and Gernot Wagner. "[A Congestion Toll New York Can Live With.](#)" Nurture Nature Foundation report (17 July 2023).

Wagner, Gernot. "[Clean Core Thorium Energy and the Role of Nuclear Power in the Low-carbon Transition.](#)" *Columbia CaseWorks* #230307 (Spring 2023).

Wagner, Gernot. "[Decarbonizing voestalpine High-Performance Metal.](#)" *Columbia CaseWorks* #230306 (Spring 2023).

Howard, Peter H., Max Sarinsky, Michael Bauer, Caroline Cecot, Maureen Cropper, Moritz Drupp, Mark Freeman, Kenneth T. Gillingham, Christian Gollier, Ben Groom, Qingran Li, Michael Livermore, Richard Newell, William A. Pizer, Brian Prest, Glenn Rudebusch, Thomas Sterner, and Gernot Wagner. "[US benefit-cost analysis requires revision.](#)" *Science* 380 (6647). doi:10.1126/science.adi5943

Bauer, Adam Michael, David C. Lafferty, Kevin Schwarzwald, Cristian Proistosescu, and Gernot Wagner. "[Comments on Principles for Climate-Related Financial Risk Management for Large Financial Institutions.](#)" Docket No. OP-1793, Federal Reserve (3 February 2023).

Wagner, Gernot and Wolfram Schlenker. "[Declining crop yields limit the potential of bioenergy.](#)" *Nature* 609: pp. 250-1 (7 September 2022). doi:10.1038/d41586-022-02344-0

Stavins, Robert N. and Gernot Wagner. "[Martin Weitzman: A Gift that Keeps on Giving.](#)" *Journal of the Association of Environmental and Resource Economists* 9(5): pp. 843-50 (September 2022). doi:10.1086/721093

Wagner, Gernot. "[Climate risk is financial risk.](#)" *Science* editorial (10 June 2022). doi:10.1126/science.add2160

Wagner, Gernot. "[New Energy Imperative.](#)" *IMF Finance & Development* (June 2022).

Wagner, Gernot and Bruce Usher. "[The Cost to Achieve Net-Zero.](#)" *Columbia CaseWorks* #220310 (Spring 2022).

Kanter, David R., Claudia Wagner-Riddle, Peter M. Groffman, Eric A. Davidson, James N. Galloway, Jesse D. Gourevitch, Hans J. M. van Grinsven, Benjamin Z. Houlton, Bonnie L. Keeler, Stephen M. Ogle, Holly Pearen, Kevin J. Rennert, Mustafa Saifuddin, Daniel J. Sobota, and Gernot Wagner. "[Improving the social cost of nitrous oxide.](#)" *Nature Climate Change* (17 November 2021). doi:10.1038/s41558-021-01226-z

Aldy, Joseph E., Tyler Felgenhauer, William A. Pizer, Massimo Tavoni, Mariia Belaia, Mark E. Borsuk, Arunabha Ghosh, Garth Heutel, Daniel Heyen, Joshua Horton, David Keith, Christine Merk, Juan Moreno-Cruz, Jesse L. Reynolds, Katharine Ricke, Wilfried Rickels, Soheil Shayegh, Wake Smith, Simone Tilmes, Gernot Wagner, and Jonathan B. Wiener. “[Social science research to inform solar geoengineering](#).” *Science* 374: 6569 (12 November 2021). doi:10.1126/science.abj6517

Wagner, Gernot. “[Recalculate the social cost of carbon](#).” *Nature Climate Change* (29 March 2021). doi:10.1038/s41558-021-01018-5

Wagner, Gernot, David Anthoff, Maureen Cropper, Simon Dietz, Kenneth T. Gillingham, Ben Groom, J. Paul Kelleher, Frances C. Moore & James H. Stock. “[Eight priorities for calculating the social cost of carbon](#).” *Nature* 590: 548-50 (25 February 2021). doi:10.1038/d41586-021-00441-0

Wagner, Gernot and Richard Zeckhauser, “[Confronting Deep and Persistent Climate Uncertainty](#).” In: *Climate Change Economics: The Role of Uncertainty and Risk*. Edited by V V Chari and Robert Litterman (forthcoming).

“[Brief of Andrew Dessler, Philip Duffy, Michael MacCracken, James McWilliams, Noelle Eckley Selin, Drew Shindell, James Stock, Kevin Trenberth, and Gernot Wagner as Amici Curiae in Support of State, Local Government, and Public Interest Organization Petitioners](#),” Competitive Enterprise Institute, et al. v. National Highway Traffic and Safety Administration, et al., DC Cir. No. 20-1145 and consolidated cases. Prepared by Shaun A. Goho, Chloe Warnberg, Jason Bell, and Ashton MacFarlane, Aaron Silberman (21 November 2020).

Jenkins, Jesse D., Leah Stokes, and Gernot Wagner (Eds). “[Carbon Pricing and Innovation in a World of Political Constraints](#).” Workshop Report (2020).

DeCarolis, Joseph F., Paulina Jaramillo, Jeremiah X. Johnson, David L. McCollum, Evelina Trutnevyte, David C. Daniels, Gökçe Akin-Olçum, Joule Bergerson, Sooyeon Cho, Joon-Ho Choi, Michael T. Craig, Anderson R. de Queiroz, Hadi Eshraghi, Christopher S. Galik, Timothy G. Gutowski, Karl R. Haapala, Bri-Mathias Hodge, Simi Hoque, Jesse D. Jenkins, Alan Jenn, Daniel J.A. Johansson, Noah Kaufman, Juha Kiviluoma, Zhenhong Lin, Heather L. MacLean, Eric Masanet, Mohammad S. Masnadi, Colin A. McMillan, Destenie S. Nock, Neha Patankar, Dalia Patino-Echeverri, Greg Schively, Sauleh Siddiqui, Amanda D. Smith, Aranya Venkatesh, Gernot Wagner, Sonia Yeh, Yuyu Zhou. “[Leveraging Open-Source Tools for Collaborative Macro-energy System Modeling Efforts](#).” *Joule* 4, pp. 1-4 (16 December 2020). doi:10.1016/j.joule.2020.11.002

Bowen, Alex, Marshall Burke, Charles Donovan, Kenneth Gillingham, Frances Moore, Robert Stavins, Gernot Wagner and Bob Ward. “[The economic case for the United States to remain in the Paris Agreement on climate change](#).” LSE Grantham Research Institute policy brief (14 August 2020).

Proistosescu, Cristian and Gernot Wagner. “[Uncertainties in Climate and Weather Extremes Increase the Cost of Carbon](#),” *One Earth* Commentary 2(6): pp. 515-7 (19 June 2020), doi.org/10.1016/j.oneear.2020.06.002

[“Brief of Maximilian Auffhammer, Philip Duffy, Kenneth Gillingham, Lawrence H. Goulder, James Stock, Gernot Wagner, and the Union of Concerned Scientists as *Amici Curiae* in Support of Petitioners,”](#) American Lung Association, et al. v. U.S. Environmental Protection Agency, et al., 9th Cir. No. 19-1140 and consolidated cases. Prepared by Shaun A. Goho, Jason Bell, and Ashton MacFarlane (24 April 2020).

Wagner, Gernot. [“Martin Weitzman, In Memoriam.”](#) *RFF Resources Magazine* (29 August 2019) and *EAERE Magazine* No. 8 (Winter 2020).

Zeckhauser, Richard J. and Gernot Wagner. [“The Implications of Uncertainty and Ignorance for Solar Geoengineering.”](#) In: *Governance of the Deployment of Solar Geoengineering*. Cambridge, Mass.: Harvard Project on Climate Agreements, edited by Robert N. Stavins and Robert C. Stowe, p. 107-11 (February 2019).

Wagner, Gernot and Christine Merk. [“Moral Hazard and Solar Geoengineering.”](#) In: *Governance of the Deployment of Solar Geoengineering*. Cambridge, Mass.: Harvard Project on Climate Agreements, edited by Robert N. Stavins and Robert C. Stowe, p. 135-9 (February 2019).

Wagner, Gernot, [“Book Review of ‘Game Theory and Climate Change’ by Parkash Chander,”](#) *Journal of Economic Literature* 57(2): pp. 447-9 (2019).

Sterner, Thomas, Edward B. Barbier, Ian Bateman, Inge van den Bijgaart, Anne-Sophie Crépin, Ottmar Edenhofer, Carolyn Fischer, Wolfgang Habla, John Hassler, Olof Johansson-Stenman, Andreas Lange, Stephen Polasky, Johan Rockström, Henrik G. Smith, Will Steffen, Gernot Wagner, James E. Wilen, Francisco Alpízar, Christian Azar, Donna Carless, Carlos Chávez, Jessica Coria, Gustav Engström, Sverker C. Jagers, Gunnar Köhlin, Åsa Löfgren, Håkan Pleijel, Amanda Robinson. [“Policy design for the Anthropocene.”](#) *Nature Sustainability* 2(1): 14 (10 January 2019). doi:10.1038/s41893-018-0194-x

Moreno-Cruz, Juan B., Katharine L. Ricke, and Gernot Wagner. [“The Economics of Climate Engineering.”](#) In: *Geoengineering our Climate?: Ethics, Politics and Governance*. Routledge, edited by Jason J. Blackstock and Low Sean: p. 71-74 (2018). [Prior version published in: *Geoengineering Our Climate Working Paper and Opinion Article Series* (2015).]

Belaia, Mariia, David W. Keith, and Gernot Wagner. “Mitigation, Carbon and Solar Geoengineering Over Time” (Presentation at [6th World Congress of Environmental and Resource Economists](#), 29 June 2018).

Stoerk, Thomas, Gernot Wagner, and Robert E.T. Ward. [“Policy Brief – Recommendations for Improving the Treatment of Risk and Uncertainty in Economic Estimates of Climate Impacts in the Sixth IPCC Assessment Report.”](#) *Review of Environmental Economics and Policy* (4 June 2018). doi:10.1093/reep/rep005

Burns, Elizabeth, David Keith, Edward Parson, and Gernot Wagner (Eds.). [“Report on the Forum on U.S. Solar Geoengineering Research,”](#) Washington, D.C. (March 24, 2017).

Wagner, Gernot. [“Book review: The Planet Remade: How Geoengineering Could Change the World.”](#) *Ethics and International Affairs* 30, 4 (2016).

Miller, Lee, Vaclav Smil, Gernot Wagner, and David Keith. [“Establishing practical estimates for city-integrated solar PV and wind.”](#) *Science eLetter* (18 July 2016).

Keith, David, Gernot Wagner, and Juan Moreno-Cruz. "[Modeling the effects of climate engineering.](#)" *Science* 352 (6293): 1526-7 (24 June 2016) 10.1126/science.aag1630.

Miller, Lee, Vaclav Smil, Gernot Wagner, and David Keith. "[Stated estimates for city-integrated wind and solar PV are too high.](#)" *Science eLetter* (20 June 2016).

Kerr, Suzi, Ruben Lubowski, John Ward, Cor Marijs, Paul Sammon, Pierre Guigon, Constanze Haug, William Acworth, Catherine Leining, Leah Murphy, Gernot Wagner, Katherine Rittenhouse, Michael Mehling, Michael Arthur, Felix Christian Matthes, Maosheng Duan. [Emissions Trading in Practice: A Handbook on Design and Implementation.](#) World Bank, Washington, DC (2016).

Wagner, Gernot, Tomas Kåberger, Susanna Olai, Michael Oppenheimer, Katherine Rittenhouse, and Thomas Sterner. "[Push renewables to spur carbon pricing](#)" *Nature* 525 (3 September 2015): 27–29.

Convery, Frank J. and Gernot Wagner. "[Reflections – Managing Uncertain Climates: Some Guidance for Policy Makers and Researchers.](#)" *Review of Environmental Economics and Policy* 9 (2): 304-320 (Summer 2015).

Wagner, Gernot. "Versicherung und Klimawandel." (German: "Insurance and climate change.") In: Steininger, Karl W. (Ed). "[Die Folgeschäden des Klimawandels in Österreich](#)" (German: "The costs of climate change in Austria."), Cost of Inaction (COIN) Broschüre (2015).

Steininger, Karl W., Gernot Wagner, Paul Watkiss, Martin König. "[Climate Change Impacts at the National Level: Known Trends, Unknown Tails, and Unknowables.](#)" In: Steininger, Karl W., König, Martin, Bednar-Friedl, Birgit, Kranzl, Lukas, Loibl, Wolfgang, Prettenhaler, Franz (Eds). *Economic Evaluation of Climate Change Impacts*, Springer (2015).

Wagner, Gernot. "[Linking sound economics with global politics.](#)" *Annual Proceedings of the Wealth and Well-Being of Nations* (2015), in honor of 2014 Upton Scholar Robert N. Stavins.

Ceronsky, Megan, Rachel Cleetus, Frank J. Convery, Peter H. Howard, Laurie T. Johnson, Nathaniel O. Keohane, Richard L. Revesz, Jason A. Schwartz, Thomas Sterner, and Gernot Wagner. "[Joint Comments on the U.S. Social Cost of Carbon.](#)" In response to Docket ID No. EPA-HQ-OAR-2013-0602, Clean Power Plan (December 1, 2014).

Tewksbury, Joshua and Gernot Wagner. "[The Role of Civil Society in Recalibrating Conservation Science Incentives.](#)" *Conservation Biology* (2014). doi: 10.1111/cobi.12288

Wagner, Gernot. "Characterizing the Economic Benefits of Anticipated Methane Reductions for the Proposed Amendment to Colorado's Proposed Oil and Gas Regulation with Respect to Climate Change." Submitted for [Regulatory Analysis](#) for Proposed Revisions to Colorado Air Quality Control Commission Regulation Numbers 3, 6 and 7 (5 CCR 1001-5, 5 CCR 1001-8, and CCR 1001-9) (January 31, 2014).

Wagner, Gernot. [Carbon Cap and Trade.](#) In: *Encyclopedia of Energy, Natural Resource, and Environmental Economics*, edited by Jason F. Shogren, Elsevier: 1-5 (2013).

Spiller, Elisheba and Gernot Wagner. "[Book Review: Fuel taxes and the poor: the distributional effects of gasoline taxation and their implications for climate policy.](#)" *Bulletin of Indonesian Economic Studies* 49, 3 (2013): 392-393.

Gillingham, Kenneth, Matthew J. Kotchen, David S. Rapson, and Gernot Wagner. "[Energy policy: The rebound effect is overplayed.](#)" *Nature* 493: 475–476 (24 January 2013). doi:10.1038/493475a

Gosh, Arunabha, Benito Müller, William Pizer, and Gernot Wagner. "[Mobilizing the Private Sector: Quantity-Performance Instruments for Public Climate Funds,](#)" Oxford Energy and Environment Brief (2012); credited with [seeding idea](#) for concept behind *Environmental Finance's* Carbon Deal of the Year 2016.

Moniz, Ernest J. and Gernot Wagner. [Electricity: Seeking Progress Amid Uncertainty.](#) The Aspen Institute 2012 Energy Policy Forum report (2012).

Lee, Ruiwen, and Gernot Wagner. "[The Rebound Effect in a More Fuel Efficient Transportation Sector,](#)" New York University School of Law's Institute for Policy Integrity working paper (2012).

Brown, Jessica, Barbara Buchner, Gernot Wagner, and Katherine Sierra. "[Improving the effectiveness of climate finance: A survey of leveraging methodologies.](#)" Joint Environmental Defense Fund, Climate Policy Initiative, Overseas Development Institute, Brookings Institution white paper (2011).

Chaum, Miriam, Chris Faris, Gernot Wagner, Barbara Buchner, Angela Falconer, Chiara Trabacchi, Jessica Brown, and Katherine Sierra. "[Improving the effectiveness of climate finance: Key lessons.](#)" Joint Environmental Defense Fund, Climate Policy Initiative, Overseas Development Institute, Brookings Institution white paper (2011).

Sharp, Phil and Gernot Wagner. [Changing Currents: Turbulence for the Electricity Industry?](#) The Aspen Institute 2011 Energy Policy Forum report (2011).

Wagner, Gernot, Nathaniel Keohane and Annie Peterson. "[Sectoral Crediting: getting governance right from the beginning.](#)" In: Transparency International. *Global Corruption Report* (2010).

Rogers, James E. and Gernot Wagner. [Providing Energy Services in a Changing Industry.](#) The Aspen Institute 2010 Energy Policy Forum report (2010).

Laszlo, Chris, Karen Christensen, Daniel Fogel, Gernot Wagner, and Peter Whitehouse (Eds.). *Berkshire encyclopedia of sustainability: the business of sustainability.* Berkshire Publishing (2010).

Wagner, Gernot; Keohane, Nat; Peterson, Annie; and Wang, James. "[Docking into a global carbon market: Clean Investment Budgets to finance low-carbon economic development.](#)" In: Helm, Dieter and Hepburn, Cameron (Eds). *The Economics and Politics of Climate Change*, Oxford University Press (2009).

Petsonk, Annie, Dan Dudek, Alexander Golub, Nathaniel Keohane, James Wang, Gernot Wagner and Luke Winston. "[Engaging Developing Countries by Incentivizing Early Action](#)." In: Stewart, Richard B, Benedict Kingsbury, Bryce Rudyk (Eds). *Climate Finance: Regulatory and Funding Strategies for Climate Change and Global Development*. NYU Press (2009).

"[Turn Toward Climate Safety](#)," Environmental Defense Fund International Climate Policy Brief, November 2009.

Wagner, Gernot. "U.S. Timber Accounts, 1957-1997," *Proceedings of the Symposium on Forest Environmental Value Accounting*, Chinese Academy of Forestry, 9-12 October 2001, Beijing.

Wagner, Gernot. "[The Political Economy of Greening the National Income Accounts](#)," *Newsletter of the Association of Environmental and Resource Economists* 21 (May 2001): 14-18.

Popular press

Wagner, Gernot. "[How to Measure Climate Progress](#)." *Project Syndicate*, 13 November 2025.

Schnitzer, Monika and Gernot Wagner. "[Batterien statt Kraftwerke](#)." [German; "Batteries not Power Plants"]. *DIE ZEIT*, 9 October 2025.

Wagner, Gernot and Roland Kupers. "[Getting to Greener Steel](#)." *Project Syndicate*, 25 September 2025.

Wagner, Gernot. "[Climate Security Is Energy Security](#)." *Project Syndicate*, 11 August 2025.

Wagner, Gernot. "[Business school teaching case study: How does a multinational become a B Corp?](#)" *Financial Times*, 29 July 2025.

Wagner, Gernot. "[Business school teaching case study: Who pays for cutting carbon out of making cement?](#)" *Financial Times*, 20 March 2025.

Wagner, Gernot. "[The Green Key to Germany's Economic Recovery](#)." *Project Syndicate*, 16 May 2025.

Wagner, Gernot. "[Climate change is both predictable and unpredictable. We don't need certainty to know it's a crisis](#)." *Salon*, 1 May 2025.

Wagner, Gernot. "[To help scale climate finance, MDBs must seek replicable leverage](#)." *OPEC Fund Quarterly* 2025 Q1: p. 18-19.

Wagner, Gernot. "[Business school teaching case study: How can Ørsted overcome its US challenges?](#)" *Financial Times*, 11 March 2025.

Wagner, Gernot. "[Business school teaching case study: how should solar-panel makers respond to falling prices?](#)" *Financial Times*, 11 February 2025.

Wagner, Gernot. "[The Climate Policy Pendulum](#)." *Project Syndicate*, 16 January 2025.

Wagner, Gernot. "[What Will Trump's Victory Mean for the Climate?](#)" *Project Syndicate*, 9 November 2024.

Wagner, Gernot. ["Business school teaching case study: capture or cut carbon to make steel greener?"](#) *Financial Times*, 7 October 2024.

Wagner, Gernot. ["Floods are wreaking havoc around the world. Vienna might have found an answer."](#) *The Guardian*, 2 October 2024.

Schnitzer, Monika and Gernot Wagner. ["Gute Industriepolitik ebnet den Weg zu effektiven CO2-Preisen"](#) [German; "Good industrial policy paves the way to effective CO2 prices"]. *Frankfurter Allgemeine Zeitung*, 23 September 2024.

Schnitzer, Monika and Gernot Wagner. ["The Best Climate Policy Puts Carrots Before Sticks."](#) *Project Syndicate*, 8 August 2024.

Wagner, Gernot. ["Tipping Carbon."](#) *Milken Review*, 24 July 2024.

Wagner, Gernot and Conor Walsh. ["Don't Slam the Door on Inexpensive Chinese Electric Vehicles."](#) *New York Times*, 15 May 2024.

Terzi, Alessio and Gernot Wagner. ["Averting Climate Catastrophe Requires Economic Growth."](#) *Project Syndicate*, 1 May 2024.

Wagner, Gernot and Shang-Jin Wei. ["The Right Response to China's Electric-Vehicle Subsidies."](#) *Project Syndicate*, 5 April 2024.

Wagner, Gernot. ["What Does Trump Mean for the Climate?"](#) *Project Syndicate*, 4 March 2024.

Wagner, Gernot. ["The Ukraine War Blew Up the World's Energy Economy."](#) *Heatmap News*, 23 February 2024.

Wagner, Gernot. ["How to Assess the Outcome of COP28."](#) *Project Syndicate*, 13 December 2023.

Bataille, Chris and Gernot Wagner. ["What Steel Decarbonization Needs."](#) *Project Syndicate*, 21 November 2023.

Wagner, Gernot and Conor Walsh. ["How China Can Save the World – and Itself."](#) *Project Syndicate*, 30 October 2023.

Wagner, Gernot. ["Taming Carbon."](#) *Milken Review*, 23 October 2023.

Wagner, Gernot. ["The Green Growth Mindset."](#) *Project Syndicate*, 29 September 2023.

Wagner, Gernot. ["Carbon Capture and Delay."](#) *Project Syndicate*, 10 August 2023.

Wagner, Gernot. ["What the Climate Fight Is Really About."](#) *Project Syndicate*, 17 July 2023.

Wagner, Gernot. ["We Can't Prevent All Wildfires. But We Can Learn From the Ones Burning Now."](#) *Barron's*, 8 June 2023.

Komanoff, Charles and Gernot Wagner. “[There’s Only One Way to Fix New York’s Traffic Gridlock](#).” *New York Times*, 8 June 2023.

Wagner, Gernot. “[How to Think About Climate-Tech Solutions](#).” *Project Syndicate*, 7 June 2023.

Wagner, Gernot and Danny Cullenward. “[Get tax credits right to make clean hydrogen a boon not a boondoggle](#).” *Washington Post*, 27 April 2023.

Wagner, Gernot. “[Will the Banking Busts Hurt Clean Tech?](#)” *Project Syndicate*, 17 April 2023.

Wagner, Gernot. “[Europe Must Tax Brown and Subsidize Green](#).” *Project Syndicate*, 6 April 2023.

Wagner, Gernot and Julio Friedmann. “[3 ways to spend Biden’s clean-energy windfall faster](#).” *Washington Post*, 13 March 2023.

Wagner, Gernot. “[Can geoengineering slow climate change? We need research to find out](#).” *Washington Post*, 22 February 2023. [Original online title: “Geoengineering research flights are a good federal investment”]

Greenberg, Paul and Gernot Wagner. “[Our City Could Become One of the World’s Greenest, but It Won’t Be Easy](#).” *New York Times*, 7 February 2023. [Original online title: “Can New York City Become the World’s Greenest City Without Becoming More Unaffordable?”]

Wagner, Gernot. “[Realism About Techno-Optimism](#).” *Project Syndicate*, 26 January 2023.

Meyer, Timothy, Gernot Wagner and Sheldon Whitehouse. “[The Case for Mandating Climate-Risk Disclosure](#).” *Project Syndicate*, 24 November 2022.

Wagner, Gernot. “[Who Pays for Climate Change?](#)” *Project Syndicate*, 16 November 2022.

Wagner, Gernot. “[The Risky Language of Climate Uncertainty](#).” *OpenMind Magazine*, 27 October 2022.

Wagner, Gernot. “[Some Green Technologies Are More Equal Than Others](#).” *Project Syndicate*, 18 October 2022.

Wagner, Gernot and Tom Brookes. “[The High Stakes of Climate-Risk Accounting](#).” *Project Syndicate*, 28 September 2022.

Wagner, Gernot and Matthew Lewis. “[The Next Step on Climate Action: Parking Reform](#).” *Bloomberg CityLab + Green*, 22 September 2022.

Wagner, Gernot. “[The Clean-Energy Race Is On](#).” *Project Syndicate*, 15 August 2022.

Wagner, Gernot. “[Greening Your Home Will Be Cheaper, but Expect Growing Pains](#).” *New York Times*, 12 August 2022.

Wagner, Gernot. “[What a Stock-Price Divergence Reveals About Climate Policy and Risk](#).” *Bloomberg Green* Risky Climate, 3 June 2022. [*Bloomberg Green* newsletter headline: “Transatlantic divergence”]

Wagner, Gernot. [“Better Housing Policy Might Be the Best Climate Policy for the US.”](#) *Bloomberg Green Risky Climate*, 20 May 2022. [*Bloomberg Green* newsletter headline: “Zoning for emissions cuts”]

Wagner, Gernot. [“Heat Pumps Are the Ultimate Climate Techno-Fix, But Not a Silver Bullet.”](#) *Bloomberg Green Risky Climate*, 6 May 2022. [*Bloomberg Green* newsletter headline: “The heat-pump fix”]

Wagner, Gernot. [“U.S. Environmental and Health rules pay for themselves—and then some.”](#) *Bloomberg Green Risky Climate*, 22 April 2022.

Wagner, Gernot. [“Business Leaders Know the Climate Status Quo Is Untenable.”](#) *Bloomberg Green Risky Climate*, 15 April 2022. [*Bloomberg Green* newsletter headline: “Private-sector progress accelerates”]

Wagner, Gernot. [“The Right Way to Help People Hurting From High Energy Prices.”](#) *Bloomberg Green Risky Climate*, 1 April 2022. [*Bloomberg Green* newsletter headline: “Helping people hurt from high energy prices”]

Wagner, Gernot. [“Why Kicking Our Unhealthy Oil and Hamburger Habits Is So Hard.”](#) *Bloomberg Green Risky Climate*, 18 March 2022. [*Bloomberg Green* newsletter headline: “What oil and hamburgers have in common”]

Wagner, Gernot. [“The Case for the EU Cutting Off Its Russian Gas Supply Now.”](#) *Bloomberg Green Risky Climate*, 25 February 2022. [*Bloomberg Green* newsletter headline: “Cutting Off Russian Gas”]

Wagner, Gernot and David Ho. [“Daily Climate Damage Should Feel More Like a Disaster.”](#) *Bloomberg Green Risky Climate*, 11 February 2022. [*Bloomberg Green* newsletter headline: “The BP oil spill's climate upside”]

Wagner, Gernot. [“The Cost to Reach Net Zero By 2050 Is Actually a Bargain.”](#) *Bloomberg Green Risky Climate*, 28 January 2022. [*Bloomberg Green* newsletter headline: “When \$9.2 trillion is less than it seems”]

Wagner, Gernot. [“Fear of Nuclear Power Should Not Stop Carbon Cuts.”](#) *Bloomberg Green Risky Climate*, 14 January 2022. [*Bloomberg Green* newsletter headline: “Manchin’s nuclear option”]

Wagner, Gernot. [“Is Nuclear Power Part of the Climate Solution?”](#) *The Wall Street Journal Saturday Essay*, 8 January 2022.

Wagner, Gernot. [“For Omicron and Climate Change, Timing Is Everything.”](#) *Bloomberg Green Risky Climate*, 17 December 2021. [*Bloomberg Green* newsletter headline: “Timing is everything”]

Wagner, Gernot. [“‘Degrowth’ Is a Misguided Way to Decarbonize the Economy.”](#) *Bloomberg Green Risky Climate*, 3 December 2021. [*Bloomberg Green* newsletter headline: “‘Degrowth’ won’t work”]

Wagner, Gernot. "[Why COP27 Needs a Bigger Circus and More Solar Panels.](#)" *Bloomberg Green Risky Climate*, 19 November 2021. [*Bloomberg Green* newsletter headline: "Four ways to fix COP27"]

"[Gernot Wagner on how individual actions can combat climate change.](#)" *The Economist* By Invitation, 10 November 2021. [In German: "Auch kleine Schritte gegen den Klimawandel zählen." *Die Presse*, 19. November 2021.]

Wagner, Gernot. "[Lawmakers Need to Do Whatever It Takes to Price Carbon.](#)" *Bloomberg Green Risky Climate*, 22 October 2021. [*Bloomberg Green* newsletter headline: "Whatever it takes"]

Wagner, Gernot. "[For Effective Climate Policy, the First Step is the Hardest.](#)" *Bloomberg Green Risky Climate*, 9 October 2021. [*Bloomberg Green* newsletter headline: "Austria taxes carbon"]

Wagner, Gernot. "[We Need to Talk About Geoengineering.](#)" *Project Syndicate*, 22 September 2021.

Wagner, Gernot. "[Are Economists to Blame For Climate Inaction?](#)" *Bloomberg Green Risky Climate*, 17 September 2021. [*Bloomberg Green* newsletter headline: "Is it economists' fault?"]

Wagner, Gernot. "[The Costs of Climate Tipping Points Add Up.](#)" *Bloomberg Green Risky Climate*, 20 August 2021. [*Bloomberg Green* newsletter headline: "Costly tipping points"]

Wagner, Gernot. "[How I Greened My Prewar Apartment \(It Wasn't Easy\). A climate economist overhauls his leaky, 200-year-old co-op.](#)" *Curbed/New York Magazine*, 12 August 2021.

Wagner, Gernot. "[This Is Why Even Scientists Underestimate Climate Change.](#)" *Bloomberg Green Risky Climate*, 6 August 2021. [*Bloomberg Green* newsletter headline: "Conservative climate science"]

Wagner, Gernot. "[Sometimes a High Rise Is Better Than a Park.](#)" *Bloomberg Green Risky Climate*, 23 July 2021. [*Bloomberg Green* newsletter headline: "The planet needs more New Yorkers"]

Wagner, Gernot. "[We're Right to Worry About Nightmare Climate Scenarios.](#)" *Bloomberg Green Risky Climate*, 9 July 2021. [*Bloomberg Green* newsletter headline: "Nightmare Climate Scenarios"]

Wagner, Gernot. "[Cheap solar PV and expensive climate change.](#)" *MIT Technology Review* July 2021: pp. 82-4. [Online title: "Cheaper solar PV is key to addressing climate change"]

Brookes, Tom and Gernot Wagner. "[Economics Needs a Climate Revolution.](#)" *Project Syndicate*, 28 June 2021.

Wagner, Gernot. "[Fear of Geoengineering Is Really Anxiety About Cutting Carbon.](#)" *Bloomberg Green Risky Climate*, 25 June 2021. [*Bloomberg Green* newsletter headline: "Geoengineering is all about cutting carbon"]

Wagner, Gernot. "[Germany's Upcoming Ballot Is a Climate Election.](#)" *Bloomberg Green Risky Climate*, 11 June 2021. [*Bloomberg Green* newsletter headline: "Germany's climate election"]

Wagner, Gernot. "[A To-Do List for the New Climate Activists on Exxon's Board](#)." *Bloomberg Green Risky Climate*, 28 May 2021. [*Bloomberg Green* newsletter headline: "A to-do list for Exxon's climate activists"]

Wagner, Gernot. "[The Climate Tipping Point We Want](#)." *Project Syndicate*, 4 May 2021.

Wagner, Gernot. "[Carbon Taxes Cut Emissions, Not Jobs or Economic Growth](#)." *Bloomberg Green Risky Climate*, 30 April 2021. [*Bloomberg Green* newsletter headline: "Carbon taxes cut emissions, not jobs"]

Wagner, Gernot. "[Why the Biden Administration Should Propose Carbon Tariffs](#)." *Bloomberg Green Risky Climate*, 16 April 2021. [*Bloomberg Green* newsletter headline: "The U.S. Needs Carbon Tariffs"]

Wagner, Gernot. "[Why Biden's Infrastructure Plan Is a Green Jobs Plan](#)." *Bloomberg Green Risky Climate*, 2 April 2021. [*Bloomberg Green* newsletter headline: "Infrastructure means jobs"]

Wagner, Gernot. "[How to Judge Biden's Record on Climate Change](#)." *Bloomberg Green Risky Climate*, 19 March 2021. [*Bloomberg Green* newsletter headline: "How to Judge Biden's Climate Record"]

Wagner, Gernot. "[It's Too Late for Big Oil's Pivot to a Carbon Tax](#)." *Bloomberg Green Risky Climate*, 5 March 2021. [*Bloomberg Green* newsletter headline: "Too late for a carbon tax"]

Wagner, Gernot. "[Zurück in die Stadt!](#)" (German: "Back to the city!") *ZEIT ONLINE*, 26 February 2021.

Wagner, Gernot. "[A Tale of Two Carbon Prices to Shape Biden's Climate Policy](#)." *Bloomberg Green Risky Climate*, 19 February 2021. [*Bloomberg Green* newsletter headline: "A Tale of Two Carbon Prices"]

Wagner, Gernot. "[Don't Discount States for U.S. Climate Progress](#)." *Bloomberg Green Risky Climate*, 20 November 2020. [*Bloomberg Green* newsletter headline: "Don't discount states"]

Wagner, Gernot. "[What Biden Can Really Do on Climate, Even Without the Senate](#)." *Bloomberg Green Risky Climate*, 6 November 2020. [*Bloomberg Green* newsletter headline: "Climate policies without Congress"]

Wagner, Gernot. "[Biden's Climate Plan Has United Coalitions By Being Broad](#)." *Bloomberg Green Risky Climate*, 23 October 2020. [*Bloomberg Green* newsletter headline: "Biden's unifying climate"]

Wagner, Gernot. "[The Numbers Behind Exxon's Support for a Carbon Tax](#)." *Bloomberg Green Risky Climate*, 9 October 2020. [*Bloomberg Green* newsletter headline: "The Exxon Tax"]

Wagner, Gernot. "[The No DICE Carbon Price](#)." *Project Syndicate Magazine*, Fall 2020: The Green Recovery, 30 September 2020.

Wagner, Gernot. "[China's Carbon Neutrality Goal is Good Policy and Good Politics.](#)" *Bloomberg Green Risky Climate*, 25 September 2020. [*Bloomberg Green* newsletter headline: "China's climate surprise"]

Wagner, Gernot. "[The California Dream Turns Into a Nightmare.](#)" *Bloomberg Green Risky Climate*, 11 September 2020. [*Bloomberg Green* newsletter headline: "California's Nightmare"]

Wagner, Gernot. "[Cities Hold the Key to a Low-Carbon Economy.](#)" *Bloomberg Green Risky Climate*, 28 August 2020. [*Bloomberg Green* newsletter headline: "Cities cut carbon"]

Wagner, Gernot. "[Heatwaves, Fires, Storms: Blame Climate Change for Summer Misery.](#)" *Bloomberg Green Risky Climate*, 14 August 2020. [*Bloomberg Green* newsletter headline: "Heat kills"]

Wagner, Gernot. "[Why Alarm Over Climate Change Is Not Alarmism.](#)" *Bloomberg Green Risky Climate*, 31 July 2020. [*Bloomberg Green* newsletter headline: "Climate alarm is not alarmism."]

Wagner, Gernot. "[For Effective Climate Change Activism, Focus on Supply.](#)" *Bloomberg Green Risky Climate*, 13 July 2020.

Wagner, Gernot. "[In a Summer of Extreme Weather, Climate Costs Remain Mysterious.](#)" *Bloomberg Green Risky Climate*, 17 June 2020.

Wagner, Gernot. "[Someone's Going to Dim the Big Light.](#)" *Bloomberg Green Risky Climate*, 4 June 2020.

Frydman, Roman and Gernot Wagner. "[How to Reset the US Pandemic Response.](#)" *Project Syndicate*, 1 June 2020.

Wagner, Gernot. "[The Leadership Failure That Will Cost Us Everything.](#)" *Project Syndicate*, 27 April 2020.

Wagner, Gernot. "[How Virus Testing Is Just Like A Carbon Tax.](#)" *Bloomberg Green Risky Climate*, 16 April 2020.

Wagner, Gernot. "[Pausing the World to Fight Coronavirus Has Carbon Emissions Down—But True Climate Success Looks Like More Action, Not Less.](#)" *TIME*, 1 April 2020.

Wagner, Gernot. "[Cost-Benefit Analysis in the Time of Coronavirus and Climate Change.](#)" *Bloomberg Green Risky Climate*, 1 April 2020.

Wagner, Gernot. "[The Virus Is Teaching Everyone What Runaway Growth Really Means.](#)" *Bloomberg Green Risky Climate* column, 20 March 2020.

Wagner, Gernot. "[Compound Growth Could Kill Us – or Make Us Stronger.](#)" *Project Syndicate*, 18 March 2020.

Wagner, Gernot. "[How Economics Can Inform Coronavirus Decision-Making.](#)" *Bloomberg Green Risky Climate* column, 5 March 2020.

Wagner, Gernot. "[The True Price of Carbon.](#)" *Project Syndicate*, 28 February 2020.

Wagner, Gernot. "[An Economist's Guide to Spending Bezos's Billions on Climate Change.](#)" *Bloomberg Green Risky Climate* column, 19 February 2020.

Wagner, Gernot. "[Carbon Taxes Alone Aren't Good Climate Policy.](#)" *Bloomberg Green Risky Climate* column, 6 February 2020.

Wagner, Gernot. "[Why Oil Giants Figured Out Carbon Costs First.](#)" *Bloomberg Green Risky Climate* column, 22 January 2020.

Wagner, Gernot and Constantine Samaras. "[Do We Really Have Only 12 Years to Avoid Climate Disaster?](#)" *New York Times*, 19 September 2019.

Wagner, Gernot and Christine Merk. "[The Hazard of Environmental Morality.](#)" *Foreign Policy*, 24 December 2018.

Wagner, Gernot and Martin L. Weitzman. "[A Big-Sky Plan to Cool the Planet.](#)" *The Wall Street Journal*, 16 February 2018.

Keith, David and Gernot Wagner. "[Fear of solar geoengineering is healthy – but don't distort our research.](#)" *The Guardian*, 29 March 2017.

Wagner, Gernot and David Keith. "[Cop22 after Trump.](#)" *Foreign Affairs*, 21 November 2016.

Keith, David and Gernot Wagner. "[To Help Cool the Climate, Add Aerosols.](#)" *WIRED*, 5 October 2016.

Wagner, Gernot. "[Geoengineering is a bonkers plan, but it may be needed to tackle global warming.](#)" *Mashable.com*, 11 September 2016.

Baker, Jr., G. Leonard, and Gernot Wagner. "[Need portfolio approach to climate risk.](#)" *The Mercury News/East Bay Times*, 13 August 2016.

Keith, David and Gernot Wagner. "[Toward a more reflective planet.](#)" *Project Syndicate*, 16 June 2016.

Wagner, Gernot. "[Can the Planet Be Saved?](#)" *The Atlantic*, 28 December 2015.

Ahuja, Richie, Jonathan Camuzeaux, Thomas Sterner, and Gernot Wagner. "[From Copenhagen to Paris.](#)" *Foreign Affairs*, 25 November 2015.

Wagner, Gernot. "[What will it take to integrate renewables into the power grid? Ask a bicyclist.](#)" *Ensis*, 1 October 2015.

Wagner, Gernot and Martin L. Weitzman. "[What we know — and what we don't — about global warming.](#)" PBS NewsHour, Making Sen\$e with Paul Solman, 18 July 2015.

Wagner, Gernot. "[When dealing with global warming, the size of the risk matters.](#)" *Mashable.com*, 1 June 2015.

Wagner, Gernot and Martin L. Weitzman. "[Climate Change: Like an Asteroid.](#)" *The Globalist*, 24 May 2015.

Wagner, Gernot and Martin L. Weitzman. "[Why Environmental Action Is so Hard](#)" *Foreign Affairs*, 27 April 2015.

Wagner, Gernot and Martin L. Weitzman. "[How does climate stack up against other worst-case scenarios?](#)" *Ensi*, 1 April 2015.

Wagner, Gernot and Martin L. Weitzman. "[Errors of commission versus errors of omission.](#)" *The Globalist*, 1 April 2015.

Wagner, Gernot and Martin L. Weitzman. "[The planet won't notice you recycle, and your vote doesn't count.](#)" *Salon*, 29 March 2015.

Wagner, Gernot and Martin L. Weitzman. "[Will Camels Roam Canada Again?](#)" *The Atlantic*, 2 March 2015.

Wagner, Gernot and Martin L. Weitzman. "[How to steer clear of the looming climate shock.](#)" *Ensi*, 25 February, 2015.

Wagner, Gernot. "[Pay Now or Pay More Later.](#)" *Ensi*, 10 April 2014.

Litterman, Robert B. and Gernot Wagner. "[The Silver Bullet of Climate Change Policy.](#)" *Forbes* online, 23 January 2014.

Wagner, Gernot and Martin L. Weitzman. "[Inconvenient Uncertainties.](#)" *New York Times*, 10 October 2013.

Keohane, Nathaniel O. and Gernot Wagner. "[Judge a carbon market by its cap, not its prices.](#)" *Financial Times*, 17 July 2013.

Wagner, Gernot. "[Cut Power Plant Pollution.](#)" *Foreign Policy* feature on: "The Second Coming: What can the 44th president really achieve in his second term." January/February 2013.

Wagner, Gernot. "[Why Bloomberg Endorsed Obama.](#)" *Foreign Policy*, 2 November 2012.

Wagner, Gernot and Martin L. Weitzman. "[Was Hurricane Sandy the 'Fat Tail' of Climate Change?](#)" *Wall Street Journal Ideas Market*, 1 November 2012.

Wagner, Gernot and Martin L. Weitzman. "[Playing God.](#)" *Foreign Policy*, 24 October 2012.

Wagner, Gernot. "[Don't just vote with your dollars. Vote.](#)" *New York Times* Room for Debate, 30 June 2012.

Azar, Christian, Thomas Sterner, and Gernot Wagner. "[Rio isn't all lost.](#)" *New York Times*, 18 June 2012.

Wagner, Gernot. "[Air Travel and Global Warming: The EU Is Leading.](#)" *The Globalist*, 16 June 2012.

Wagner, Gernot. "[It's not over 'til the fat tail zings](#)." *European Financial Review*, 3 June 2012.

Wagner, Gernot. "[Naomi Klein is half right](#)." *Grist*, 14 March 2012.

Wagner, Gernot. "[Innovation is Not Enough: Why Polluters Must Pay](#)." *Yale Environment* 360, 12 March 2012.

Wagner, Gernot. "[For Young Graduates, the Case for Economics](#)." *Washington Post*, 3 January 2012.

Wagner, Gernot. "[Le développement durable? C'est de l'économie pure et dure](#)." *Slate.fr*, 27 November 2011.

Wagner, Gernot. "[Making the Case for the Value of Environmental Rules](#)." *Yale Environment* 360, 14 November 2011.

Wagner, Gernot. "[Cold, Hard Economics](#)." *Foreign Policy*, 8 November 2011.

Wagner, Gernot. "[What Economics Can Contribute to a Healthier Planet](#)." *Resources For the Future Policy Commentary*, 31 October 2011.

Wagner, Gernot. "[Going Green but Getting Nowhere](#)." *New York Times*, 8 September 2011.

Wagner, Gernot. "[Austrian Rail Lines](#)." *Wirtschaftsblatt*, 27 December 2010; a call for Austrian Air Lines to offer train rides between Linz and Vienna, an idea implemented in 2014.

(Please see gwagner.com for a complete list.)

Teaching and Advising

B7705/8705 Business and Climate Change, Columbia Business School (Half-course Fall 2023; Spring 2024; Fall 2024)

B8212 [Climate Policy](#), Columbia Business School (Spring 2023; Half-course Spring 2024, 2025)

B8201 [Climate Change and the Energy Transition](#), Columbia Business School (Half-course Spring 2022, 2023)

ENVST-UA 407 [Climate Politics: When Policy meets Reality](#), NYU Department of Environmental Studies (Fall 2019, 2020, 2021).

ENVST-UA 410 [Environmental Economics](#), NYU Department of Environmental Studies (Fall 2020, 2021).

ENVST-UA 450.005 Policy Analysis, NYU Department of Environmental Studies (Fall 2019, 2021).

PADM-GP 2472 [Climate Economics](#), NYU Wagner (Spring 2020, 2021)

ENVST-UA 900 Environmental Studies senior seminar, NYU Department of Environmental Studies (Fall 2020).

PADM-GP 2442 [Economic Policy Analysis](#), NYU Wagner (Spring 2020)

[Climate Policy—Past, Present, and Future](#), Harvard University Environmental Science and Public Policy Junior Seminar, lecturer (Fall 2016, 2017, 2018; Harvard University Certificate of Teaching Excellence all three years).

Energy and Environment, NYU Stern School of Business; adjunct associate professor (Spring 2016).

U6065 The Economics of Energy, Columbia University, School of International and Public Affairs; adjunct assistant professor (Spring 2011; Fall 2011), adjunct associate professor (Fall 2012, 2013, 2014, 2015).

API-109 Advanced Microeconomic Analysis I, Kennedy School of Government; teaching fellow for Nolan H. Miller (Fall 2003, 2004, 2005 and 2006 [Harvard Kennedy School Dean's Award for Excellence in Student Teaching]).

Ec 1025 Theory of Capital and Income, Harvard University; teaching fellow for Martin L. Weitzman (Fall 2004 and 2005).

Ec 1661/ENR-201 Environmental and Resource Economics and Policy, Harvard University; teaching fellow for Robert N. Stavins (Spring 2004 and 2006 [Harvard Kennedy School Dean's Award for Excellence in Student Teaching]), guest lecturer (Spring 2005 and 2006).

Non-resident tutor in Political Economy and Government, Quincy House, Harvard University (2004 to 2007).

Professional Affiliations, Awards, Honors

Present

Universität Innsbruck (UIBK) „Förderkreis 1669 - Wissenschaft Gesellschaft“ Guest Professorship (September – October 2025)

Member, Technical Working Group, Greenhouse Gas (GHG) Protocol Corporate Standards (2024 – present)

Research Fellow, [Climate Change and Environment](#), Centre for Economic Policy Research (CEPR; 2024 – present)

[Ausschuss für Umwelt- und Ressourcenökonomie](#) [Standing Field Committee on Environmental & Resource Economics], Verein für Socialpolitik (AURÖ; 2024 – present)

Advisory Board Wissenschaft, [Wiener Klimarat](#) (Scientific Advisory Board, Climate Council Vienna; 2024 – 2028)

Advisor, [SparkChange](#) (2024 – present)

Climate Committee, European Forum Alpbach (2004 – present)

Advisory board, International Center for Future Generations (ICFG; 2023 – present)

Advisory board, [Climate Law](#) (German: “Initiative für Klimarecht”; 2022 – present)

Advisory board, [Another Come Up, Inc.](#) (Student-founded sustainable fashion startup; 2023 – present)

Faculty Affiliate, Columbia [Center for Environmental Economics and Policy](#) (2022 – present)

[Project Syndicate columnist](#) (2022 – present)

Associate Editor, [npj Climate Action](#) (2022 – present)

Fellow, [CESifo Research Network](#) (2022 – present)

Coordinating Lead Author, Austrian Panel on Climate Change (APCC; 2022 – present)

Board Member, [CarbonPlan](#) (2021 – present)

Editorial Advisory Board, [Climate Policy](#) (2021 – 2025)

[Co-op Board President](#), 21-23 Bleecker Street Owners Corporation (2020 – present)

Associate Editor, *Humanities & Social Sciences Communications* (2020 – present)

Past

Associate Editor, Special Issue of *Management Science*: “Business and Climate Change” (2020 – 2024)

Advisory board, Inter-American Development Bank’s (IDB) Development in the Americas (DIA) 2024 (2023 – 2024)

[New York City Panel on Climate Change](#) (NPCC; 2020 – 2024)

Jury, *Project Syndicate Sustainability Book Award* (2023)

Member, [Peer Review Panel](#) for U.S. Environmental Protection Agency’s “Report on the Social Cost of Greenhouse Gases: Estimates Incorporating Recent Scientific Advances” (2022 – 2023)

Senior Fellow, Climate, [Jain Family Institute](#) (2022 – 2023)

“[Austrian of the Year](#),” category international (2022)

[Visiting researcher](#), CESifo, Munich (2022)

[Visiting Scholar, Kleinman Center for Energy Policy](#), University of Pennsylvania (2021 – 2022)

[Bloomberg Green Columnist](#) (2020 – 2022)

Steering Committee, NYU [Climate Change Initiative](#) (2021 – 2022)

Affiliated Faculty, NYU Center for Data Science (2021 – 2022)

Wallace E. Oates Outstanding Doctoral Dissertation Award committee, Association of Environmental and Resource Economists, AERE (2019 – 2021)

Harvard University Certificate of Teaching Excellence (Fall 2016, 2017, and 2018)

[Co-Chair, Scientific Program Committee](#), 6th World Congress of Environmental and Resource Economists, Gothenburg, Sweden (2018)

Associate, Science, Technology, and Public Policy Program (STPP), Robert and Renée Belfer Center for Science and International Affairs, Harvard Kennedy School (2017 – 2019)

Consultant, Environmental Defense Fund (2016 – 2019)

Associate, Harvard University Center for the Environment (2016 – 2019)

Visiting Research Associate, University of Oxford's Smith School of Enterprise and the Environment (2015 – 2016)

Research Associate, Harvard Kennedy School of Government (2013 – 2016)

Conservation research panel, WWF's Luc Hoffmann Institute (2013 – 2015)

Term member, Council on Foreign Relations (2012 – 2017)

DOC-Stipend of the Austrian Academy of Sciences (2005 – 2007)

Humane Studies Fellowship (2006 – 2007)

Pre-Doctoral Repsol YPF-Harvard Kennedy School Fellowship in energy policy (2005 – 2006)

Harvard Kennedy School Dean's Award for Excellence in Student Teaching (2006)

Harvard University Presidential Scholars Grant (Fall 2005)

Harvard University Certificate of Distinction in Teaching (Spring 2004 and 2006)

Harvard University Graduate School of Arts and Sciences fellowship (2003 – 2007)

Stanford University Department of Economics graduate fellowship (2002 – 2003)

Thomas T. Hoopes Prize for senior thesis, Harvard University (2002)

Joint A.B. *magna cum laude* with highest honors in field (2002)

Presentations, Talks, Media

Academic presentations: Arizona State University, Bates College, Beijing Foreign Studies University (北外学生处), Beloit, Bristol, Caltech, Columbia, Duke, East Carolina University, ETH Zürich, Harvard, Hunter College, Jain Family Institute, Jönköping University, London School of Economics, Massachusetts Institute of Technology, Max-Planck-Institut, MIT Media Lab, North Carolina State University, National Oceanic and Atmospheric Administration (NOAA), New York Fed (FRBNY), New York University, NYU Abu Dhabi, Norwegian School of Economics, Österreichische Nationalbank (OeNB), Oxford, Peking University (北京大学), Pennsylvania State University, Princeton, San Francisco Fed (FRBSF), Simons Foundation, Stanford, Trinity College Dublin, Tsinghua University (清华大学), Tufts, University of Bergen, University of British Columbia, University of California (Berkeley, Davis, Santa Barbara), University of Colorado (Boulder), University of Gothenburg, University of Graz, University of Illinois at Urbana-Champaign, University of Innsbruck, University of Konstanz, University of Minnesota, University of Pennsylvania, University of Pittsburgh, University of Vienna, University of Virginia, University of Washington, Wesleyan University, Wirtschaftsuniversität Wien (Vienna University of Economics and Business), Yale; Accademia Nazionale dei Lincei (Italian National Academy of Sciences), American Economic Association (AEA/ASSA), Association Française de Science Economique (AFSE), Association of Environmental and Resource Economists (AERE), Ausschuss für Umwelt- und Ressourcenökonomie (AURÖ), Center for Economic Studies (CESifo), European Association of Environmental and Resource Economists (EAERE), Gordon Research Conference, I.S.E.O Summer School, National Bureau of Economic Research (NBER), World Congress of Environmental and Resource Economists, among others.

Keynote talks, panels, debates: Amerika Haus (Vienna), Aquarium of the Pacific, Arab Fiscal Forum, Aspen Environment Forum, Aspen Ideas Festival, Aspen Institute Energy Policy Forum, Aspern Seestadt, Atlantic Monthly, Austrian Wind Energy Symposium, Behavior, Energy & Climate Change (BECC), Bloomberg, Carnegie Endowment for International Peace, Chinese Academy of Sciences (中国科学院), Chinese Academy of Social Sciences (中国社会科学院), Center for Equitable Growth, Climate One, Climate Ride, Columbia University Earth Summit, Convoco!, Council on Foreign Relations, Economist, Environment for Development (Kampala, Uganda), European Forum Alpbach, European Parliament, European University Institute, Fachhochschule Wien, Festival of Economics (Trento, Italy), Garrison Institute, Geneva Science and Diplomacy Anticipation, Glacier Climate Week, Global ARC Boston, Global Clean Energy Action Forum, Global Risk Institute, Göttinger Literaturherbst, Gratitude Railroad Annual Investor Retreat, Harvard Club of New York, Harvard Kennedy School, Harvard Medical School, High School of Economics Moscow, International Monetary Fund, International Mountain Conference (University of Innsbruck), Institute for New Economic Thinking, KentPresents, Kunst Haus Wien/Museum Hundertwasser, Manhattan Institute, Middlebury College, MIT Media Lab, National Academy of Sciences, National Institute of Health, Net Zero Nuclear (Dubai), New York Academy of Sciences, New York Life Insurance, Nova Scotia Pension Services Corporation, NYC Climate Week, OPEC Fund, Port Authority of New York and New Jersey, Stiftung Kunst und Nature Nantesbuch, Symposium Dürnstein, TEDx, UNICEF, United Nations, United World College, Universität für Bodenkultur (BOKU), U.S. Foreign Service Institute, U.S. Department of State, Theater im Park, Transparency International, University of Pennsylvania's Kleinman Center for Energy Policy, Vienna Tourism Conference, Wirtschaftskammer Österreich (WKO), World Affairs Council, World Bank, World Wildlife Fund; Audubon Society board meeting, BP executive team meeting, Environmental Defense Fund board meeting, Fund for the Environment and Urban Life board meeting, Morgan Stanley Climate Change University, voestalpine; Annapolis Book Festival, Harvard Book Store, Harvard Coop, Politics & Prose (Washington, D.C.), among others.

Media: *The Atlantic*, *Bloomberg*, *The Economist*, *European Financial Review*, *Financial Times*, *Forbes*, *Foreign Affairs*, *Foreign Policy*, *Frankfurter Allgemeine Zeitung*, *Kronenzeitung*, *Neue Zürcher Zeitung*, *New York Magazine*, *New York Times*, *Die Presse*, *Salon*, *Der Standard*, *Süddeutsche Zeitung*, *TIME*, *Vox*, *Wall Street Journal*, *Washington Post*, *Wiener Zeitung*, *Yale Environment 360*, *ZEIT*; ABC, BBC (Business Matters, World News), CNBC, C-Span BookTV, Deutsche Welle, Deutschlandfunk, FOX, KBS (한국방송공사), NBC, NPR (Living on Earth, Leonard Lopate show, Kathleen Dunn show, Marketplace, [Person Place Thing](#) with Randy Cohen), ORF (Ö1, Ö2, Ö3 „[Frühstück bei mir](#)“; ECO, Philosophisches Forum, [Thema](#), Zeit im Bild, ZIB Magazin), NDR, PBS NewsHour, rbbKultur, SRF, Wake Up with Al, WDR, Yahoo! Business News, How to Fix It podcast, among others.

Last updated on 17 November 2025.