

David R. Morrow

Curriculum Vitae (Last updated December 22, 2020)

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Academic Appointments

American University, Washington, DC

Director of Research, Institute for Carbon Removal Law and Policy (2018–present)

Director of Research, Forum for Climate Engineering Assessment (2018–present)

Faculty Fellow, Forum for Climate Engineering Assessment (2015–present)

Adjunct Professorial Lecturer, School of International Service (2016–2018)

George Mason University, Fairfax, VA

Research Fellow, Institute for Philosophy & Public Policy (2014–present)

University of Alabama at Birmingham, Birmingham, AL

Assistant Professor of Philosophy (2010–2014)

Hunter College, The City University of New York, New York, NY

Graduate Assistant and Adjunct Lecturer (2005–2009)

Education

M.A. in Public Policy, University of Chicago, Chicago, IL, June 2010

Ph.D. in Philosophy, Graduate Center, City University of New York, New York, NY, May 2009

B.A. in Philosophy, Johns Hopkins University, Baltimore, MD, May 2003

B.Mus. in Trumpet Performance, Peabody Conservatory, Baltimore, MD, May 2003

Publications

Books

- Morrow, D.R.** 2019. *Values in Climate Policy*. London: Rowman & Littlefield International.
- Morrow, D.R.** & A. Weston. 2019. *A Workbook for Arguments: A Complete Course in Critical Thinking*, 3rd edition. Indianapolis: Hackett. (First edition, 2012)
- Melchert, N. & **D.R. Morrow**. 2018. *The Great Conversation: A Historical Introduction to Philosophy*, 8th edition. New York: Oxford University Press.
- Morrow, D.R.** 2018. *Moral Reasoning: A Text and Reader on Ethics and Contemporary Moral Issues*. New York: Oxford University Press.
- Morrow, D.R.** 2017. *Giving Reasons: An Extremely Short Introduction to Critical Thinking*. Hackett.

Journal Articles

- Jinnah, S., **D. Morrow** & S. Nicholson. Forthcoming. "Splitting Climate Engineering Governance: How Problem Structure Shapes Institutional Design." *Global Policy*.
- Buck, H.J., J. Fuhrman, **D.R. Morrow**, D.L. Sanchez & F.M. Wang. 2020. "Adaptation and Carbon Removal." *One Earth*, 4 (3): 425–35.
- Morrow, D.R.**, M.S. Thompson, A. Anderson, M. Batres, H.J. Buck, K. Dooley, O. Geden, A. Ghosh, S. Low, A. Njamnshi, J. Noël, O.O. Táíwò, S. Talati & J. Wilcox. 2020. "Principles for Thinking about Carbon Dioxide Removal in Just Climate Policy." *One Earth*, 3 (2): 150–153.
- Gupta, A., I. Möller, F. Biermann, S. Jinnah, P. Kashwan, V. Mathur, **D.R. Morrow** & S. Nicholson. 2020. "Anticipatory governance of solar geoengineering: conflicting visions of the future and their links to governance proposals." *Current Opinion in Environmental Sustainability*, 45: 10–19.
- Morrow, D.R.** 2020. "A Mission-Driven Research Program for Solar Geoengineering Could Promote Legitimacy and Justice." *Critical Review of International Social and Political Philosophy* 23 (5): 618–640.
- Flegal, J.A., A.-M. Hubert, **D.R. Morrow** & J.B. Moreno-Cruz. 2019. "Solar geoengineering: Scientific, legal, ethical, and economic frameworks." *Annual Review of Environment and Resources* 44: 10.1–10.25.
- Jinnah, S., S. Nicholson, **D.R. Morrow**, et al. 2019. "Governing climate engineering: A proposal for immediate governance of solar radiation management." *Sustainability* 11: 3954.

- Morrow, D.R.** 2018. "Putting the Tollgate Principles into practice." *Ethics, Policy & Environment* 21 (2): 175–77.
- Morrow, D.R.** 2017. "Fairness in allocating the global emissions budget." *Environmental Values* 26: 669–691.
- Morrow, D.R.** 2016. "Climate sins of our fathers? Historical accountability in distributing emissions rights." *Ethics, Policy & Environment* 19 (3): 335–349.
- Morrow, D.R.** & T. Svoboda. 2016. "Geoengineering and non-ideal theory." *Public Affairs Quarterly* 30 (1): 85–104.
- Morrow, D.R.** 2015. "Wants and needs in mitigation policy." *Climatic Change* 130 (3): 335–345.
- Mizrahi, M. & D.R. Morrow. 2015. "Does conceivability entail metaphysical possibility?" *Ratio* 28 (1): 1–13.
- Morrow, D.R.** 2014. "'Understanding the mitigation obstruction argument against climate engineering.'" *Philosophical Transactions of the Royal Society A* 372: 20140062.
- Morrow, D.R.** 2014. "Starting a flood to stop a fire? Some moral constraints on solar radiation management." *Ethics, Policy & Environment* 17 (2): 123–38.
- Morrow, D.R.** 2014. "When technologies make good people do bad things: Another argument against the value-neutrality of technologies." *Science & Engineering Ethics* 20 (2): 329–43.
- Morrow, D.R.** 2014. "Why geoengineering is a public good, even if it is bad," *Climatic Change* 123(2): 95–100.
- Morrow, D.R.** & C.A. Sula. 2011. "Naturalized metaphilosophy." *Synthese* 182 (2): 297–313.
- Morrow, D.R.,** R.E. Kopp & M. Oppenheimer. 2009. "Toward ethical norms and institutions for climate engineering research." *Environmental Research Letters* 4
- Morrow, D.** 2009. "Moral psychology and the 'Mencian creature.'" *Philosophical Psychology* 22(3): 281–304.

Book Chapters

- Morrow, D.R.** 2020. "Geoengineering." In *Essential Concepts of Global Environmental Governance*, ed. J.-F. Morin & A. Orsini. Routledge.
- Morrow, D.R.** 2019. "Moral Bases of Responses to Climate Change." In *Routledge Companion to Environmental Ethics*, ed. B. Hale & A. Light. Routledge.

- Morrow, D.R.**, R.E. Kopp & M. Oppenheimer. 2019. "Research ethics and geoengineering." In *Geoengineering Our Climate: Science, Ethics and Governance*, ed. J. Blackstock & C. Miller. Earthscan.
- Luwesi, C.N., D.A. Doke & **D.R. Morrow**. 2016. "Solar geoengineering: Technology-based climate intervention or comprising social justice in Africa?" In *Climate Justice and Geoengineering: Ethics and Policy in the Anthropocene*, ed. C. Preston. London: Rowman & Littlefield International.
- Morrow, D.R.**, R.E. Kopp & M. Oppenheimer. 2013. "Political legitimacy in decisions about experiments in solar radiation management." In *Climate Change Geoengineering: Philosophical Perspectives, Legal Issues, and Governance Frameworks*, ed. W. C. G. Burns & A. Strauss. Cambridge University Press.

Other publications

- Morrow, D.R.** & M.S. Thompson. 2020. "Remove, Reduce, Recycle: Clarifying the Overlap between Carbon Removal and CCUS." ICRLP Working Paper No. 2. Washington, DC: Institute for Carbon Removal Law and Policy, American University.
- Morrow, D.R.**, H.J. Buck, W.C.G. Burns, S. Nicholson & C. Turkaly. *Why Talk About Carbon Removal?* Washington, DC: Institute for Carbon Removal Law and Policy, American University.
- Chhetri, N., et al. 2018. *Governing Solar Radiation Management*. Washington, DC: Forum for Climate Engineering Assessment, American University.
- Morrow, D.R.** 2017. "International governance of climate engineering: A survey of reports on climate engineering, 2009–2015." FCEA Working Paper No. 1.
- Morrow, D.R.** 2017. Review of *Debating Climate Ethics*. *Environmental Ethics* 39 (3): 345–348.
- Morrow, D.R.** 2014. "Geoengineering." In *Ethics, Science, Technology & Engineering: A Global Resource*, ed. J. B. Holbrook. Cengage.
- Morrow, D.R.** 2014. Review of Clive Hamilton's *Earthmasters* & David Keith's *A Case for Climate Engineering*. *Ethics, Policy & Environment* 17 (3): 370–73.

Selected Conference Presentations & Invited Lectures

“Climate justice and carbon removal”

Workshop: Bridging Gaps of Affluence, Nation and Time, Princeton University (virtual), Aug 2020

Warren Steinkraus Lecture, SUNY Oswego, Oswego, New York, Oct 18, 2018

“Interactions between components of a climate policy portfolio”

Workshop: Towards an interdisciplinary knowledge community on the critical understanding of emergent climate system intervention technologies in Southeast Asia, Bali, Indonesia (virtual), Nov 8, 2019

Sixth International Summer School on Geoengineering, Banff, Alberta, Aug 6, 2019

“Understanding the slippery slope argument against climate engineering research”

Forum for Philosophy, Engineering & Technology, University of Maryland, May 31, 2018.

International Association for Environmental Philosophy group session at the Eastern Division Meeting of the American Philosophical Association, Baltimore, MD, Jan 4, 2017.

Climate Engineering Research Symposium 2015: Current State and Future Perspectives, Berlin, Germany, Jul 7–10, 2015.

“Is it morally permissible to research solar radiation management?” Forum for Climate Engineering Assessment, American University, Washington, DC. Oct 8, 2015.

“Fairness in allocating the global emissions budget,” Workshop on the Ethics of Climate Change and Climate Engineering, University of Kiel, Germany, Jul 20–21, 2015.

“The moral paradox of solar radiation management research: The ethics of advancing a bad idea,” University of Kiel, Germany, Jul 16, 2015.

“The moral evaluation of risk compensation in climate engineering,” University of Hamburg, Germany, Jul 14, 2015.

“Fairness in allocating the global emissions budget,” George Mason University, Nov. 18, 2014.

“Climate engineering and the future of energy policy.” Rutgers Energy Institute’s Energy Policy Seminar Series. New Brunswick, NJ. Oct. 24, 2014.

“The ethics of intentional risk shifting,” Climate Engineering Conference 2014: Critical Global Discussions, Berlin, Germany. Aug. 18–21, 2014.

“Non-ideal theory and geoengineering” (with Toby Svoboda).

Annual Meeting of the International Society for Environmental Ethics. Allenspark, CO. Jun. 17–20, 2014.

Rocky Mountain Ethics Congress (RoME VII). Boulder, CO. Aug 7–10, 2014.

Climate Engineering Conference 2014: Critical Global Discussions. Berlin, Germany. Aug. 18–21, 2014.

“Climate sins of our fathers? Historical accountability in allocating emissions rights.”

International Association for Environmental Philosophy group session at the Eastern Division Meeting of the American Philosophical Association. Baltimore, MD. Dec. 27–30, 2013.

Rocky Mountain Ethics Congress (RoME VI). University of Colorado, Boulder. Boulder, CO. Aug. 8–11, 2013.

“Fairness in allocating the global carbon budget.”

8th Annual International Conference on Applied Ethics. University of Hokkaido. Sapporo, Japan. Nov. 1–3, 2013.

International Society for Environmental Ethics group session at the Central Division Meeting of the American Philosophical Association. Feb. 22, 2013.

“Wants and needs in mitigation policy.” Multi-Disciplinary Perspectives on Climate Ethics Workshop. Como, Italy. Sep. 26–27, 2013.

“Why act-consequentialism collapses into rule-consequentialism.” Rocky Mountain Ethics Congress (RoME V). University of Colorado, Boulder. Boulder, CO. Aug. 9–12, 2012.

“A proposal for the governance of solar radiation management research”. Conference on Science, Policy, and Social Values. Center for Values in Medicine, Science, and Technology. University of Texas at Dallas. Richardson, TX. Apr. 13–14, 2012.

“Research ethics and geoengineering.” Conference on “Geoengineering Our Climate.” Centre for International Governance Innovation. Ottawa, ON. Jan. 19–20, 2012.

Poster presentation: “A proposal for international regulation of experiments in solar radiation management.” American Geophysical Union. San Francisco, CA. Dec. 8, 2011.

Workshop on organizing public dialogues. Advancing Public Philosophy Conference. Washington, DC. Oct. 6–8, 2011.

“Practical coherence: a constructivist solution to some naturalistic doubts about moral intuitions.”
Naturalisms in Ethics Conference. University of Auckland, Auckland, New Zealand. Jul.
14–15, 2011.

“Ethical principles for trials of climate intervention technologies.” Asilomar International Confer-
ence on Climate Intervention Technologies. Asilomar, CA, Mar. 23, 2010.

Grants Received

Alfred P. Sloan Foundation, “Estimating the impact of carbon removal portfolios on mitigation
pathways in integrated assessment models” (2020–2022)

Teaching Experience

American University, School of International Service

Research Methods: Climate Policy Analysis; Introduction to IR Research Methods

George Mason University

Ethics: Environmental Ethics; Happiness and the Good Life

University of Alabama at Birmingham

Ethics & Political Philosophy: Climate Change & Global Justice; Ethics: Good & Evil; Social
& Political Philosophy; Contemporary Moral Issues

Economics: Economics, Institutions & Law; Cooperation & Competition [Game Theory]

Other: Practical Reasoning

Hunter College, CUNY

Ethics: Moral Philosophy; Ethics & Society; Introduction to Ethics

Other: Introduction to Logic & Critical Thinking