

## SIMON JAMES NICHOLSON, Ph.D.

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### CURRENT APPOINTMENTS

|                                     |   |              |
|-------------------------------------|---|--------------|
| Associate Professor                 | <b>School of International Service</b><br>American University<br>Washington, DC   | 2020-Present |
| Interim Associate Dean for Research | <b>School of International Service</b><br>American University<br>Washington, DC   | 2023-Present |
| Co-founder and Co-Director          | <b>Institute for Carbon Removal Law &amp; Policy</b><br>American University<br>Washington, DC<br><a href="http://www.carbonremoval.info">www.carbonremoval.info</a> | 2018-Present |
| Co-founder and Director             | <b>Forum for Climate Engineering Assessment</b><br>American University<br>Washington, DC<br><a href="http://www.ceassessment.org">www.ceassessment.org</a>          | 2014-Present |

### PREVIOUS APPOINTMENTS

|                   |   |           |
|-------------------|---|-----------|
| Founding Director | <b>Center for Environment, Community, and Equity (University-level Center)</b><br>American University<br>Washington, DC<br><a href="http://www.american.edu/centers/cece">www.american.edu/centers/cece</a> | 2021-2023 |
| Director          | <b>Global Environmental Politics Program</b><br>American University<br>School of International Service<br>Washington, DC  | 2014-2019 |
| Co-Director       | <b>Global Scholars Program</b><br>American University<br>School of International Service<br>Washington, DC  | 2011-2014 |

|                   |   |             |
|-------------------|---|-------------|
| Visiting Lecturer | <b>University of Virginia</b><br>Semester at Sea Program<br>Charlottesville, VA | Spring 2007 |
| Visiting Lecturer | <b>University of Waikato</b><br>Economics Department<br>Hamilton, New Zealand   | Summer 2006 |

## EDUCATION

|   |   |      |
|---|---|------|
| Ph.D. in International Relations  | <b>American University</b><br>School of International Service<br>Washington, DC<br><br><i>Dissertation: Governing the Gene: The Politics of Transgenic Agriculture and the Future of Food</i> | 2009 |
| LLM (Master of Laws) <i>with Distinction</i>                            | <b>University of Waikato</b><br><i>Te Piringa</i> – School of Law<br>Hamilton, New Zealand  | 2001 |
| LLB (Bachelor of Laws) <i>1<sup>st</sup> Class Honors</i>               | <b>University of Waikato</b><br><i>Te Piringa</i> – School of Law<br>Hamilton, New Zealand  | 1998 |
| BMS (Bachelor of Management Studies) <i>1<sup>st</sup> Class Honors</i> | <b>University of Waikato</b><br>Economics Department<br>Hamilton, New Zealand   | 1998 |

## PUBLICATIONS

### Books

Sam Beckbessinger, Chris Trisos, and **Simon Nicholson**, *Survive the Century: A Climate Story of Choice and Consequences*, (Three Kids in a Trenchcoat Ltd, 2022).

Wil Burns, David Dana, and **Simon Nicholson** (eds.) *Climate Geoengineering: Science, Law and Governance* (Springer, 2021).

**Simon Nicholson** and Sikina Jinnah (eds.) *New Earth Politics: Essays from the Anthropocene* (MIT Press, 2016).

**Simon Nicholson** and Paul Wapner (eds.) *Global Environmental Politics: From Person to Planet*, (Routledge, 2015).

## Special Issues and Edited Symposia

Jesse Reynolds and **Simon Nicholson** (eds.), “New Technologies and Global Environmental Politics,” Global Environmental Politics coedited special issue (2020) vol.20, no. 3.

Sikina Jinnah and **Simon Nicholson** (eds.), “Geoengineering: Governing Solar Radiation Management,” Environmental Politics coedited symposium (2019) vol. 28, no. 3.

Wil Burns and **Simon Nicholson** (eds.), “Climate Engineering Law,” Climate Law coedited special issues (2015) vol. 5, nos. 2-4.

## Journal Articles

Holly Jean Buck and **Simon Nicholson**, “Solar Geoengineering Research in the Global Public Interest: A Proposal for How to Do It,” (2023) One Earth vol. 6, no. 12, pp. 1652-1664.

**Simon Nicholson**, “Carbon Removal to the Rescue?” (2021) Current History vol. 120, no. 829, pp. 301-306.

Amanda Borth and **Simon Nicholson**, “A Deliberative Orientation to Governing Carbon Dioxide Removal: Actionable Recommendations for National-level Action,” (2021) Frontiers in Climate vol. 3, no. 684209, pp. 1-9.

Sikina Jinnah, David Morrow, and **Simon Nicholson**, “Splitting Geoengineering Governance: How Problem Structure Shapes Institutional Design,” (2021) Global Policy vol.12, no. S1, pp. 8-19.

Laura Pereira, David Morrow, Valentina Aquila, Brian Beckage, Sam Beckbesinger, Lauren Beukes, Holly Buck, Colin Carlson, Oliver Geden, Andrew Jones, David Keller, Katherine Mach, Mohale Mashigo, Juan Moreno-Cruz, Daniele Visioni, **Simon Nicholson**, and Christopher Trisos, “From fAIrplay to Climate Wars: Making Climate Change Scenarios more Dynamic, Creative and Integrative” (2021) Ecology & Society vol. 26, no. 4, 30.

Joseph Jebari, Olúfẹ́mi O. Táíwò, Talbot M. Andrews, Valentina Aquila, Brian Beckage, Mariia Belaia, Maggie Clifford, Jay Furhman, David P. Keller, Katharine J. Mach, David R. Morrow, Kaitlin T. Raimi, Daniele Visioni, **Simon Nicholson**, and Christopher Trisos, “From Moral Hazard to Risk-Response Feedback,” (2021) Climate Risk Management vol. 33, pp. 1-5.

**Simon Nicholson** and Jesse Reynolds, “Taking Technology Seriously: Introduction to the Special Issue on New Technologies and Global Environmental Politics,” (2020) Global Environmental Politics vol. 20, no.3, pp. 1-8.

Aarti Gupta, Ina Moller, Frank Biermann, Sikina Jinnah, Prakash Kishwan, Vikrom Mathur, David Morrow, and **Simon Nicholson**, “Anticipatory Governance of Solar Geoengineering: Conflicting Visions of the Future and their Links to Governance Proposals,” (2020) Current Opinion in Environmental Sustainability vol. 45, pp. 10-19.

Sikina Jinnah and **Simon Nicholson**, “The Hidden Politics of Climate Engineering,” (2019) Nature Geoscience vol. 12, pp. 876-879.

**Simon Nicholson**, “Can Technology Save the Environment?: Lessons from Iain M. Banks’ *Culture* Series,” (2019) Elementa: Science of the Anthropocene vol. 7, no. 1 (40).

Reprinted in Patrick Thaddeus Jackson (ed.), *Contemporary Literary Criticism: Vol. 482* (Layman Poupard Publishing, 2021) pp. 107-118.

Sikina Jinnah and **Simon Nicholson**, “Introduction to the Symposium on ‘Geoengineering: Governing Solar Radiation Management’” (2019) Environmental Politics vol. 28, no. 3, pp. 385-396 (with Sikina Jinnah).

Sikina Jinnah, **Simon Nicholson**, David Morrow, Zachary Dove, Paul Wapner, Walter Valdivia, Leslie Thiele, Catriona McKinnon, Andrew Light, Myanna Lahsen, Prakash Kashwan, Aarti Gupta, Alexander Gillespie, Richard Falk, Ken Conca, Dan Chong, and Netra Chhetri, “Governing Climate Engineering: A Proposal for Immediate Governance of Solar Radiation Management,” (2019) Sustainability vol. 11, no. 14 (3954).

Sikina Jinnah, **Simon Nicholson**, and Jane Flegal, “Toward Legitimate Governance of Solar Geoengineering Research: A Role for Sub-State Actors” (2019) Ethics, Policy and Environment vol. 28, no. 3, pp. 362-381.

Reprinted in Stephen M. Gardiner, Catriona McKinnon, and Augustin Fragnière (eds.), *The Ethics of “Geoengineering” the Global Climate: Justice, Legitimacy and Governance* (Routledge, 2020).

**Simon Nicholson**, Sikina Jinnah, and Alexander Gillespie, “Solar Radiation Management: A Proposal for Immediate Polycentric Governance,” Climate Policy (2018) vol. 18, no. 3, pp. 322-334.

Wil Burns and **Simon Nicholson**, “Bioenergy and Carbon Capture with Storage (BECCS): The Prospects and Challenges of an Emerging Climate Policy Response,” Journal of Environmental Studies and Sciences (2017) vol. 7, no. 4, pp. 527-534.

Eve Bratman, Kate Brunette, Deidre Shelley, and **Simon Nicholson**, “Justice is the Goal: Divestment as Climate Change Resistance,” Journal of Environmental Studies and Sciences (2016) vol. 6, no. 4, pp. 677-690.

Wil Burns and **Simon Nicholson**, “Introduction to the Special Issue: Climate Engineering Law,” Climate Law (2015) vol. 5, no. 2, pp. 105-110.

**Simon Nicholson**, “The Birth of Free-Market Environmentalism,” The Journal of Interdisciplinary History (2015) vol. XLVI: 3, pp. 421-433 (article-length review essay).

**Simon Nicholson** and Dan Chong, “Jumping on the Human Rights Bandwagon: How Rights-based Linkages can Refocus Climate Politics,” Global Environmental Politics (2011) vol. 11, no. 3, pp. 121-136.

**Simon Nicholson**, “Understanding and Governing the Global Food System,” Global Environmental Politics (2011) vol. 11, no. 2, pp. 120-125 (article-length review essay).

**Simon Nicholson**, “Genetically Modified Organisms and Global Hunger: A Real Solution?” Sustainable Development Law and Policy (2008) vol. 9, no. 1, pp. 57-61, 77.

**Simon Nicholson**, “Toward a Pluralist Conception of Human Rights,” Swords and Ploughshares (2002) vol. 11, pp. 79-89.

**Simon Nicholson**, “Water Scarcity, Conflict, and International Water Law: An Examination of the Regime established by the UN Convention on International Watercourses,” New Zealand Journal of Environmental Law (2001) vol. 5, pp. 91-125.

### Book Chapters

Wil Burns, David Dana, and **Simon Nicholson**, “Introduction: Climate Geoengineering – Science, Law and Governance,” in Wil Burns, David Dana, and **Simon Nicholson** (eds.) *Climate Geoengineering: Science, Law and Governance* (Springer, 2021) pp. 1-13.

**Simon Nicholson**, “Carbon Removal and the Dangers of Extractivism,” in John-Andrew McNeish and Judith Shapiro (eds.), *Our Hyperextractive Age: Violence and Resistance on a Shrinking Planet* (Routledge, 2021) pp. 189-203.

**Simon Nicholson** and Michael Thompson, “Strange Bedfellows: Climate Engineering Politics in the United States,” in Jason Blackstock and Sean Low (eds.), *Geoengineering Our Climate? Ethics, Politics, and Governance* (Routledge, 2018) pp. 164-169.

**Simon Nicholson** and Sikina Jinnah, “Introduction: Living on a New Earth,” in Simon Nicholson and Sikina Jinnah (eds.), *New Earth Politics* (MIT Press, 2016) pp. 1-16.

Wil Burns and **Simon Nicholson**, “Governing Climate Engineering,” in Simon Nicholson and Sikina Jinnah (eds.), *New Earth Politics* (MIT Press, 2016) pp. 343-366 (with Wil Burns).

**Simon Nicholson**, “Reimagining Climate Engineering: The Politics of Tinkering with the Sky,” in Hilal Elver and Paul Wapner (eds.), *Reimagining Climate Change*, (Routledge, 2016) pp. 110-130.

**Simon Nicholson**, “Biotechnology and the Global Food Riots: Why Genetically Modified Foods Will Not End World Hunger,” in Guy Robinson and Doris Carson (eds.) *The Globalisation of Agriculture*, (Edward Elgar, 2015) pp. 255-273.

**Simon Nicholson**, “Governance and Global Environmental Issues: Cooperation in the Twenty-first Century (2000s-present),” in Sally Fairfax and Ed Russell (eds.) *The Guide to US Environmental Policy* (CQ Press, 2014) pp. 421-435.

**Simon Nicholson**, “Environmentalism: Cars, Farming, and Resource Insecurity,” in Jennifer Sterling-Folker (ed.), *Making Sense of IR Theory* (2<sup>nd</sup> ed.) (Lynne Rienner, 2013) pp. 335-349.

**Simon Nicholson**, “The Promises and Perils of Geoengineering,” in Erik Assadourian et al., *Worldwatch Institute: State of the World 2013* (Island Press, 2013) pp. 317-331.

**Simon Nicholson**, “Intelligent Design? Unpacking Geoengineering’s Hidden Sacrifices,” in Michael Maniates and John Meyer (eds.) *The Environmental Politics of Sacrifice* (MIT Press, 2010) pp. 271-292.

### Book Reviews

Review of Jesse Reynolds, *The Governance of Solar Geoengineering: Managing Climate Change in the Anthropocene* (Cambridge, 2019) in *Global Environmental Politics* (2020) vol. 20, no. 1, pp. 127-129.

Review of Robert H. Nelson, *The New Holy Wars: Economic Religion vs. Environmental Religion in Contemporary America* (Penn State Press, 2010) in *Perspectives on Politics* (2011) vol. 9, no. 1, pp. 122-124.

### Other Publications and Products (selected)

“Carbon Removal” and “Solar Geoengineering” (forthcoming – 2024), in Daniel Fiorino, Todd Eisenstadt, and Manjyot Kaur Ahluwalia (eds.) *Elgar Encyclopedia of Climate Policy* (Edward Elgar Publishing).

“Sustainable Carbon Removal,” (2021) Institute for Carbon Removal Law and Policy, Washington DC. Available at [www.american.edu/sis/centers/carbon-removal/upload/crbp\\_sustainable\\_carbon\\_removal\\_icrlp.pdf](http://www.american.edu/sis/centers/carbon-removal/upload/crbp_sustainable_carbon_removal_icrlp.pdf) (with David R. Morrow).

“Survive the Century” – online game allowing exploration of different paths through the 21<sup>st</sup> Century, showing interactions between social and political decisionmaking and climate outcomes. Game available at [www.survivethecentury.net](http://www.survivethecentury.net). Trailer at <https://www.youtube.com/watch?v=QsVUIEDgLE4>.

“Solar Radiation Management,” in Alexander Carius, Noah Gordon, and Lauren Risi (eds.) *21<sup>st</sup> Century Diplomacy: Foreign Policy is Climate Policy* (Wilson Center and Adelphi, 2020) pp. 195-206. Available at <https://diplomacy21-adelphi.wilsoncenter.org/article/solar-radiation-management>

“Governing Solar Radiation Management,” (2018) Forum for Climate Engineering Assessment, Washington DC. 56 pp. Available at [www.ceassessment.org/SRMreport](http://www.ceassessment.org/SRMreport) (coordinating lead author of major multi-authored policy report).

“Why Talk About Carbon Removal?” (2018) Institute for Carbon Removal Law and Policy, Washington DC. 28 pp. Available at [www.american.edu/sis/centers/carbon-removal/research.cfm](http://www.american.edu/sis/centers/carbon-removal/research.cfm) (with David R. Morrow, Holly J. Buck, Wil Burns, and Carolyn Turkaly).

“A Civil Society Meeting on Geoengineering: Summary and Synthesis,” (December 2013) report for the Washington Geoengineering Consortium. 24 pp. Available at [www.ceassessment.org/civil-society-meeting-report/](http://www.ceassessment.org/civil-society-meeting-report/) (with Michael Thompson, Wil Burns, and Kate Goodwin-Reese).

“Feeding Ten Billion: A Dialogue Between Feed the Future and the International Research Community,” report published by the United States Agency for International Development (USAID)

and the Association of Public and Land-grant Universities (APLU). 94 pp. Available at [www.aplu.org/document.doc?id=3664](http://www.aplu.org/document.doc?id=3664) (December 2011).

“Feed the Future E-Consultation Summary: Synthesis of E-consultation Discussion Conducted May 9-27, 2011,” based on work completed for USAID and APLU. 39 pp. Available at [www.aplu.org/projects-and-initiatives/international-programs/past-projects/feed-the-future-research-forum/ftf-research-econsultation.pdf](http://www.aplu.org/projects-and-initiatives/international-programs/past-projects/feed-the-future-research-forum/ftf-research-econsultation.pdf) (2011).

“Energy Risk Index: Central and Eastern Europe” report for Onamics LLC (Washington DC) / Institute for Strategic Studies-Ljubljana. (2005) Available at: [www.onamics.com/downloads/OnamicsESI05.pdf](http://www.onamics.com/downloads/OnamicsESI05.pdf). 21 pp. (with Borut Grgic and Pablo Reyes).

“Living up to the Pacific Promise—New Zealand’s Role in Peace-Building in our Neighbourhood,” published in proceedings of the Just Peace Conference, Auckland, New Zealand, 24-28 April 2000 (with Stephen Hooper).

### **Work in Progress (selected)**

“Toward an informed, precautionary, and inclusive debate on solar geoengineering (SG): A Response to the Proposed Non-Use Agreement,” (revise and resubmit at WIRES Climate Change) (with Edward Parson, Juan Moreno-Cruz, Holly Buck, and Sikina Jinnah).

“Solar geoengineering research in the global public interest: A proposal for how to do it,” (revise and resubmit at One Earth) (with Holly Buck).

“Can Solar Geoengineering Build Peace?” (in preparation) (with Sikina Jinnah).

“A Theoretical Framework Linking Weather and Policy,” (in preparation) (with Talbot Andrews and members of SESYNC pursuit team).

### **HONORS, AWARDS, AND GRANTS RECEIVED (SELECTED)**

Note that the list of grants includes those awarded for general support to the Institute for Carbon Removal Law and Policy and the Forum for Climate Engineering Assessment.

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|------|---|
| 2023 | Chan Zuckerberg Initiative, “Continuing Funding for Work on Environmental Justice and Carbon Removal,” <b>(\$200,000)</b> .   |
| 2022 | Johnson Foundation, “Environmental Justice and Carbon Removal.” On-site costs award for a meeting organized by the Institute for Carbon Removal Law & Policy at the Wingspread conference center, Racine, Wisconsin, anticipated June 2023. |
| 2022 | Preston Werner (now 128Collective), “Political Economy of Carbon Removal,” <b>(\$80,000)</b> .  |
| 2022 | Chan Zuckerberg Initiative, “Environmental Justice and Carbon Removal,” <b>(\$750,000)</b> .  |

- 2021 Preston Werner, "Support for the Institute for Carbon Removal Law and Policy," (**\$50,000**).
- 2021 New York Community Trust, "Ongoing Support for the Carbon Removal Working Group," (**\$120,000**).
- 2021 Climate Pathfinders, "Core Support for the Institute for Carbon Removal Law and Policy," (**\$30,000**).
- 2020 Global Strategic Communications Council, "Choose your own climate future: a cli-fi story of choice and consequences," co-PI (with Chris Trisos) (**\$50,000**).
- 2020 Award: "Outstanding Contributions to Fostering Collaborative Scholarship," School of International Service, American University.
- 2020 V. Kann Rasmussen Foundation, "Supplementary Grant for the Forum for Climate Engineering Assessment," (**\$30,000**).
- 2020 New York Community Trust, "Next Steps with an NGO Network and the Assessment of Carbon Removal Technologies and Practices," PI (**\$100,000**).
- 2019 Alfred P. Sloan Foundation, "Estimating the impact of carbon removal portfolios on mitigation pathways in integrated assessment models," grant awarded to the Institute for Carbon Removal Law and Policy for the hiring of two postdoctoral researchers and related work, David Morrow PI (**\$410,000**).
- 2019 Award: "Outstanding Scholarship, Research, Creative Activity & Other Professional Contributions," School of International Service, American University.
- 2018 National Science Foundation (NSF) via the National Socio-Environmental Synthesis Center (SESYNC), "New Scenarios and Models for Climate Engineering." Support for a four-workshop sequence on the better integration of climate engineering responses into climate change computer models. Co-PI (with Chris Trisos). Project webpage: [www.sesync.org/project/propose-a-pursuit/new-scenarios-and-models-for-climate-engineering](http://www.sesync.org/project/propose-a-pursuit/new-scenarios-and-models-for-climate-engineering)
- 2018 Johnson Foundation, "Engaging NGOs in the Assessment of Carbon Removal." On-site costs award for a meeting organized by the Institute for Carbon Removal Law & Policy at the Wingspread conference center, Racine, Wisconsin, September 6-8, 2018.
- 2018 New York Community Trust, "NGO Engagement with Carbon Removal Strategies." Funding to launch a new network of NGOs considering carbon removal responses to climate change. (**\$100,000**). Project webpage: [www.american.edu/sis/centers/carbon-removal/ngo-engagement.cfm](http://www.american.edu/sis/centers/carbon-removal/ngo-engagement.cfm)
- 2018 V. Kann Rasmussen Foundation, "Supplementary Grant for the Forum for Climate Engineering Assessment," (**\$110,000**).



- 2017 V. Kann Rasmussen Foundation, “Two-Year Extension for the Forum for Climate Engineering Assessment,” (**\$600,000**).
- 2017 Award: “Program Director of the Year” for work with the Global Environmental Politics program in the School of International Service, American University.
- 2017 Rockefeller Brothers Fund, “Fifth meeting of the Academic Working Group on Climate Engineering Governance.” On-site costs award for a meeting organized by the Forum for Climate Engineering Assessment at the Pocantico Center, Tarrytown, New York, February 22-24, 2018. Meeting report: <http://ceassessment.org/awg-meeting-reports/>
- 2016 V. Kann Rasmussen Foundation, “Supplementary Grant for the Forum for Climate Engineering Assessment,” (**\$100,000**).
- 2016 Open Philanthropy Project, “Lessons for SRM Governance from Other Emerging Technologies,” (**\$76,234**). Grant used to support the third meeting of the Academic Working Group on Climate Engineering Governance, Berkeley, CA, February 9-10, 2017. Meeting report: <http://ceassessment.org/awg-meeting-reports/>
- 2016 Rockefeller Brothers Fund, “International Governance of Climate Engineering.” On-site costs grant for the second meeting of the Academic Working Group on Climate Engineering Governance, organized by the Forum for Climate Engineering Assessment at the Pocantico Center, Tarrytown, New York, September 22-24, 2018. Meeting report: <http://ceassessment.org/awg-meeting-reports/>
- 2015 Ntrepid, “Case Studies for Academic Application of Timestream Software,” PI (**\$60,379**). Oversaw the production of a set of case studies on climate engineering using a piece of timeline software in development.
- 2015 V. Kann Rasmussen Foundation, “International Governance of Climate Engineering,” PI, 3-year project (**\$750,000**). Launched the Academic Working Group on Climate Engineering Governance and provided operating funding for the Forum for Climate Engineering Assessment.
- 2013 American University Provost’s Office, “Faculty Research Support Grant,” PI (**\$9,493**).
- 2011 International Studies Association, “Global Environmental Politics on a New Earth: Deepening Community and Research for the Environmental Studies Section,” lead organizer of pre-conference workshop (with Paul Wapner and Sikina Jinnah) (**\$10,791**). Workshop led to co-edited volume, *New Earth Politics* (MIT Press, 2016).
- 2001 Fulbright Graduate Scholarship for study in the United States.

## CONFERENCE PAPERS, TALKS, and MEDIA

### Academic Conference Papers (Selected)

“Carbon Removal and Extractivism: How the Promise of Carbon Removal is Shaping Global Climate Response,” for the Annual Meeting of the International Studies Association, Toronto, Canada, March 27-30, 2019.

“Hyperextraction and Carbon Removal,” for the Association of Environmental Studies and Sciences annual conference, Washington DC, June 20-23, 2018.

“Ensuring Legitimacy of Geoengineering Research Governance: A Proposal for Stakeholder Engagement,” for the Annual Meeting of the International Studies Association, San Francisco, CA, April 4-7, 2018.

“International Governance Pathways for Climate Engineering,” (with Sikina Jinnah and Alexander Gillespie), for the First Annual Research Roundtable on Global Climate Change Governance: Geoengineering, Searle Center on Law, Regulation, and Economic Growth, Northwestern University, Chicago, IL, May 18-19, 2017.

“Unpacking the Climate Engineering Governance Challenge,” (with Sikina Jinnah, Janos Pasztor, and Alexander Gillespie), for the Annual Meeting of the International Studies Association, Baltimore, MD, February 22-25, 2017.

“International Governance Pathways for Climate Engineering,” for the Association of Environmental Studies and Sciences annual conference, Washington DC, June 8-11, 2016.

“Is Climate Engineering a Right-Wing Fantasy?” for the Annual Meeting of the International Studies Association, Atlanta, Georgia, March 16-19, 2016.

“Reimagining Climate Geoengineering: Tinkering with the Sky,” for the Annual Meeting of the International Studies Association, Atlanta, Georgia, March 16-19, 2016.

“Why the Silence? Environmental NGOs, Climate Engineering, and Implications for Climate Politics,” prepared for the Annual Meeting of the Association for Environmental Studies and Sciences, San Diego, California, June 24-27, 2015 (with Rachael Somerville—undergraduate student).

“Reimagining Climate Engineering,” for the DC Area Climate & Energy Research Workshop, University of Maryland, College Park, Maryland, February 6, 2015.

“Introduction: New Earth Politics,” for the Annual Meeting of the International Studies Association, Toronto, Canada, March 26-29, 2014.

“Co-opting Counter-Narratives: Genetically Modified Foods and the Creation of Radical Continuities,” for the Annual Meeting of the International Studies Association, Toronto, Canada, March 26-29, 2014.

“Are Drought Resistant Seeds the Answer? If So, What's the Question?” prepared for the Annual Meeting of the International Studies Association, San Francisco, California, April 3-6, 2013.

“A Dialogue between Feed the Future and the International Research Community,” prepared for the United States Department of Agriculture’s (USDA’s) *Agricultural Outlook Forum 2012: Moving Agriculture Forward*, Arlington, Virginia, February 24, 2012.

“Jumping on the Human Rights Bandwagon: How Rights based Linkages Are Reshaping Climate Politics,” at the Annual Meeting of the International Studies Association, Montreal, Canada, March 16-19, 2011 (with Daniel Chong).

“Framing Climate Change: How a Human Rights Approach Affects Climate Policy,” for the ISA/ABRI Annual Conference, Rio De Janeiro, Brazil, July 22-24, 2009 (with Daniel Chong).

“A World Beyond Ecological Limits: Lessons from Iain M. Banks’ *Culture Series*,” prepared for the Annual Meeting of the International Studies Association, New York, February 15-18, 2009.

“From Knowledge to Action: Applying a Rights-based Approach to Global Climate Change,” prepared for the Annual Meeting of the International Studies Association, San Francisco, California, March 26-29, 2008 (with Daniel Chong).

“Better Dead than GM Fed?’—Zambia and Genetically Modified Food Aid,” prepared for the Annual Meeting of the International Studies Association, San Diego, California, March 22-26, 2006.

“The Poli-Technics of GM Food,” prepared for the Annual Meeting of the International Studies Association, San Diego, California, March 22-26, 2006.

“Indexing Energy Security: Some Results from Central and Eastern Europe,” prepared for the Northeastern Political Science Association/International Studies Association Northeast Annual Conference, Philadelphia, November 17-19, 2005.

“The Ambivalent Politics of Technology: The Case of GM Foods,” prepared for the oikos Ph.D. Summer Academy, University of St Gallen, Switzerland, August 22-25, 2005.

“Genetically Modified Foods and the Politics of Risk,” prepared for the Annual Meeting of the International Studies Association, Honolulu, Hawaii, March 1-5, 2005.

“The Security Politics of Technology,” prepared for the Academic Council on the United Nations System (ACUNS) Summer Workshop, Delhi, India, July 27-August 7, 2004.

“Sustaining Technologies: A Re-evaluation of the Technology-Environment Link,” prepared for the Annual Meeting of the UK Political Studies Association, Lincoln, England, April 5-8, 2004.

### **Invited Talks, Lectures, and Panel Appearances (Selected)**

Panel: “Rules for Living (Well) on Planet Earth,” University of Waikato School of Law, Hamilton, New Zealand, December 12, 2019.

“Framing Food Security: Why the World is Stuffed and Starved,” Leland Fellows Program 10<sup>th</sup> Class Briefing, Washington DC, September 23, 2019.

Panel: “A Post-Paris Research Agenda on International Climate Governance,” DC Area Climate and Energy Research Workshop, Georgetown University, Washington DC, May 3, 2019.

“The Search for Just and Sustainable Forms of Carbon Removal,” Program for Society and the Environment Workshop, University of Maryland, College Park MD, April 3, 2019.

Panel: “Ocean Climate Geoengineering: An Assessment of Potential Risks, Benefits, and Governance,” School of Advanced International Studies, Johns Hopkins University, Washington DC, February 5, 2019.

“Carbon Removal as Part of the Climate Response,” RESOLVE, Washington DC, October 24, 2018.

Keynote Address: “Searching for Answers on a Warming Planet: Why We May Need Climate Engineering,” Nelson Institute, University of Wisconsin-Madison, September 14, 2017.

Panel (virtual attendance): “The American Presidential Election and Action on Climate Change,” Fulbright New Zealand Forum, 2016 US Presidential Election: A Transformative Event? University of Otago, New Zealand, October 5, 2016.

Keynote Address: “Clinton v. Trump: What Does the US Presidential Election Mean for the Global Environment?” University of Waikato, New Zealand, August 10, 2016.

Panel: “US Foreign Policy and Climate Change,” Georgetown University, July 15, 2016.

“Climate Engineering: Coming Soon to a Planet Near You?” Georgetown University, April 5, 2016.

“The Contentious Politics of Climate Engineering,” Norwegian University of Life Sciences, As, Norway, March 10, 2015.

Plenary panelist: “Assess, Test, or Terminate? What Future for Climate Engineering Research?” at the Climate Engineering Conference 2014, Berlin, Germany, August 18-21, 2014.

“Climate Geoengineering: Coming Soon to a Planet Near You?” Yale-NUS, Singapore, March 21, 2014.

Panel: “Into the Great Wide Open? Discussion of Climate Change Engineering,” EPC Forum, Johns Hopkins University, Washington, DC, October 17, 2013.

Panel: “Is Sustainability Still Possible?” launch of Worldwatch’s State of the World 2013, Takoma Park, MD, April 21, 2013.

Panel: “How to Get to a One-Planet Way of Life—or Get Through the Collapse If We Can’t,” launch of Worldwatch’s State of the World 2013, American University, Washington, DC, April 17, 2013.

Panel: “Paving the Way for the First Sustainable Generation,” House of Sweden, Washington DC, May 15, 2012.

Keynote Address: “Overview of the Feed the Future Research Strategy and Presentation of E-Consultation Results,” at the Feed the Future Research Forum, Washington DC, June 21-23, 2011.

“Student Participation in Green Urban Redevelopment,” prepared for a workshop organized by the Living City Block Initiative, Washington, DC, April 23, 2011.

“Beyond the Lightbulb: Realizing Effective Environmental Action,” prepared for a conference organized by the Ohio-Meadville District of the Unitarian Universalist Association, titled *Green Leadership*, Youngstown, OH, October 23, 2010.

“The Hungry Billion: Making Sense of the Global Food Crisis,” prepared for the New Zealand Institute of International Affairs, Auckland, New Zealand, March 12, 2009; also presented at the University of Arizona, Tucson, AZ, April 17, 2009.

“Our Ecological Condition: A Primer on Analysis and Action,” prepared for City Year Washington DC’s Green Idealism Conference, Washington, DC, May 23, 2008; updated and repeated June 11, 2009.

“Seizing the Bioenergy Opportunity,” prepared for a Roundtable hosted by the Congressional Hispanic Caucus Institute titled *The Politics of Corn: The Effects of Corn-Based Biofuels on the Latino Community in the U.S. and Abroad*, Washington, DC, May 14, 2008.

“Sustainable Biofuels: Lessons from the Green Revolution,” prepared for a conference titled *Construyendo una Estrategia Sostenible de Biocombustibles para Colombia y la Región*, Bogotá, Colombia, April 24, 2008.

## Media Interviews

Interviews for outlets including:

Boston Globe, Business Insider, Canada Television (CTV) “Our Morning”, Chicago Tribune, Climate Central, Climate Home, CNN Brazil, CuriosityStream, Earther (Gizmodo), Environment & Energy News, Fast Company, The Fifth Estate, Freethink Media, Georgetown Journal of International Affairs, Greater Greater Washington, Grist, Harvard Political Review, Hearst Television, HuffPost, Input Mag, InsideClimateNews, Los Angeles Times, National Public Radio (NPR), New Indian Express, New Scientist, New Security Beat, New Statesman, New York Times, Quartz, RealClearPolitics, Reuters, Science, Science Daily, Science News, Seeker, Sight Magazine, Sydney Morning Herald, Undark Magazine, Vice, Voice of America, and others.

## Op-eds, Blog Posts, and Podcasts (Selected)

Co-host of occasional webinar series on carbon removal approaches and strategies:  
[www.american.edu/sis/centers/carbon-removal/webinars.cfm](http://www.american.edu/sis/centers/carbon-removal/webinars.cfm)

“How to Game the System,” The Ecologist July 22, 2021 (with Sam Beckbessinger and Christopher Trisos).

“United Airlines is Investing in Direct Air Capture, What Does That Mean?” ICRLP Blog December 10, 2020 (with Wil Burns and David Morrow).

“An Idea Born of Desperation” New Security Beat (Podcast) December 4, 2020.

“Climate Change – Adaptation, Mitigation and Geoengineering” [GlobalNet21 Podcast](#) April 9, 2020.

“Carbon Sinks and Strategies” [School of International Service Big World Podcast](#) September 1, 2018.

“Polycentric Governance of Solar Geoengineering” [Forum for Climate Engineering Assessment](#) (Podcast) January 10, 2018.

“Backdraft 8: Simon Nicholson on Climate Engineering” [New Security Beat](#) (Podcast) July 21, 2017.

“To Meet the Paris Climate Goals, do we Need to Engineer the Climate?” [The Conversation](#) February 23, 2016 (with Michael Thompson).

“After Paris, Time for an Honest Conversation” [Forum for Climate Engineering Assessment](#) (Video Blog) January 6, 2016.

“Climate Engineering: Solution or Problem?” [OurEnergyPolicy.org](#) (hosted forum) March 18, 2015.

“Five Take-Home Points from the NAS ‘Climate Intervention’ Report” [Forum for Climate Engineering Assessment](#) February 18, 2015.

“The Climate Geoengineering Genie: Why We All Need to be Paying Attention” [The Hill](#) October 8, 2014.

“Technology to the Planet’s Rescue?” [US News and World Report](#) June 6, 2014 (with Mike MacCracken).

“What is the Washington Geoengineering Consortium?” [Forum for Climate Engineering Assessment](#) January 15, 2014.

“Bill McKibben’s Analysis of Obama’s Climate Action is Right. Will Decisionmakers Turn to Geoengineering?” [Forum for Climate Engineering Assessment](#) December 19, 2013.

“A Sea Change in Food Aid?” [Foreign Policy](#) July 23, 2009.

## COURSES TAUGHT

### *Undergraduate*

- Tackling Climate Change
- Environmental Sustainability and Global Health
- Emerging Technologies and the Environment
- Building a Post-Carbon World
- International Environmental Politics
- Political Ecology of Food and Agriculture
- World Politics
- International Conflict Resolution
- Quantitative Methods (Economics)
- Microeconomics
- Law and Economics
- Legal Systems
- Contracts
- Dispute Resolution
- Mediation, Facilitation, and Conferencing
- Advanced Mediation (Short course)

- Introduction to International Relations Research
- Food and Society
- Engineering Systems and the Global Environment (Short course)
- International Law and Human Rights (Short course)

*Graduate (MA level)*

- Environment and Politics
- Global Politics of the Environment (online course)
- The Practice of Environmentalism (Fieldwork: Galapagos Islands)
- Building a Post-Carbon World
- Political Ecology of Food and Agriculture
- Sustainable Development, the Global Economy, and Poverty Alleviation
- Advanced Dispute Resolution

**PROFESSIONAL AFFILIATIONS & ACTIVITIES**

Professional Memberships: U.S. International Studies Association (ISA), Association for Environmental Studies and Sciences (AESS).

**Professional Activities (Selected)**

Co-editor (with Sikina Jinnah) of MIT Press book series, "One Planet." Series website: <https://mitpress.mit.edu/books/series/one-planet>

2022: Reviewer: XPrize Carbon Removal competition, environmental justice questionnaire

2018-Present: Co-founder of the Institute for Carbon Removal Law & Policy, research initiative to assess carbon removal technologies and practices: [www.american.edu/sis/centers/carbon-removal/](http://www.american.edu/sis/centers/carbon-removal/)

2013-Present: Co-founder of the Forum for Climate Engineering Assessment (formerly the Washington Geoengineering Consortium), a research group dedicated to assessing the social, ethical, political, and legal implications of emerging technologies that fall under the broad rubric of climate engineering (sometimes referred to as "geoengineering" or "climate intervention"): [www.ceassessment.org](http://www.ceassessment.org)

2012-2014: Member of the Executive Committee of the Environmental Studies Section of the International Studies Association.

May 2011: Coordinator and moderator for a major on-line consultation for academics and policy makers (more than 1,100 registered participants), developing the research strategy for the US Government's Feed the Future Initiative. See <http://globalfoodsecurityresearch.net/forum.php>

2007-2018: Non-resident Senior Fellow at the Centro de Estudios Estratégicos Latinoamericanos in Bogotá, Colombia.

**CAMPUS and SCHOOL-LEVEL SERVICE (Selected)**

- 2022-Present: SIS Associate Dean for Research search (committee member)
- 2023-Present: Search Committee for five SIS Department Manager positions
- 2022-2024: Campus-wide Committee on Faculty Actions (committee member)
- 2020-2022: Campus-wide Climate Action Advisory Committee (chair)
- 2019-2022: SIS Research and Faculty Awards Committee (committee member)
- 2020: Campus-wide Equity in Reappointment, Promotion, and Tenure Standards Task Force (committee member)
- 2020: SIS Research Task Force (committee member)
- 2020: Campus-wide Task Force on Compensation of American University Faculty for Managerial, Administrative, or Supervisory Responsibilities (committee member)
- 2019-2020: Campus-wide Ad-hoc Advisory Committee on Centers and Research (committee member)
- 2017-2018: American University President's Strategic Planning Committee (committee member)
- 2018: SIS Dean Search Committee (committee member)
- 2014-2019: Director of the Global Environmental Politics Program, SIS
- 2014-2015: SIS term faculty committee (committee member)
- 2014-2015: Campus-wide Undergraduate Curriculum committee (committee member)
- 2014: Environmental sciences faculty search (committee member)
- 2012-2014: Standing Committee on Term Faculty Actions, SIS (committee member)
- 2011-2014: Co-Director of the Global Scholars Program, SIS
- 2010-2014: Co-chair, Campus-wide Sustainability Project Team

**REFERENCES**

Available by request.