

Daniel Edward Callies
Institute for Practical Ethics
University of California, San Diego
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RESEARCH

Areas of Specialization

Social and Political Philosophy, Environmental Philosophy, Applied Ethics

Areas of Competence

Normative Ethics, Biomedical Ethics, Philosophy of Technology

EDUCATION

- 2018 **Ph.D., Goethe University Frankfurt: Philosophy** – *magna cum laude*
Dissertation: “Climate Engineering: A Normative Perspective”
Committee: Darrel Moellendorf (chair) and Rainer Forst
- 2012 **M.A., San Diego State University: Philosophy**
Thesis: “Equality, Responsibility, and Climate Policy”
Supervised by: Darrel Moellendorf (chair) and Steven Barbone
- 2008 **B.A., San Diego State University: Philosophy / Spanish**
Graduated *cum laude*
- 2006 **Spanish Language Certificate, Universidad Nebrija, Madrid**
Concentration in Spanish grammar, conversation, and culture

ACADEMIC POSITIONS HELD

- 2018– **Postdoctoral Scholar**
University of California, San Diego
Institute for Practical Ethics
- 2017–2018 **Postdoctoral Fellow (Wissenschaftlicher Mitarbeiter)**
Goethe University Frankfurt, Germany
Chair of International Political Theory, Excellence Cluster Normative Orders
- 2017 **Bernheim Postdoctoral Fellow in Social Responsibility**
Université catholique de Louvain, Belgium
Hoover Chair of Economic and Social Ethics
- 2016–2017 **Predoctoral Research Fellow**
Harvard University, John F. Kennedy School of Government
Belfer Center for Science and International Affairs
- 2013–2016 **Predoctoral Fellow (Wissenschaftlicher Mitarbeiter)**
Goethe University Frankfurt, Germany
Excellence Cluster Normative Orders
- 2009–2011 **Graduate Assistant / Teaching Assistant**
Institute for Ethics and Public Affairs, San Diego State University

PUBLICATIONS*Monographs*

1. **Climate Engineering: A Normative Perspective**, forthcoming: Lexington Books.

Peer-Reviewed Journal Articles

6. **The Ethical Landscape of Gene Drive Research**, forthcoming: *Bioethics*.
5. **The Slippery Slope Argument against Geoengineering Research**, forthcoming: *Journal of Applied Philosophy*. DOI: 10.1111/japp.12345.
4. **The Potential for Climate Engineering with Stratospheric Sulfate Aerosol Injections to Reduce Climate Injustice**, *Journal of Global Ethics* 14, no. 3 (2018): 353–368. Co-authors: Toby Svoboda, Peter Irvine, Masa Sugiyama. DOI: 10.1080/17449626.2018.1552180.
3. **Institutional Legitimacy and Geoengineering Governance**, *Ethics, Policy, & Environment* 21, no. 3 (2018): 324–340. DOI: 10.1080/21550085.2018.1562523.
2. **Solar Geoengineering and Democracy**, *Global Environmental Politics* 18, no. 3 (August, 2018). Co-authors: Joshua Horton, Jesse Reynolds, Holly Jean Buck, Stefan Schaefer, David Keith, Steve Rayner. DOI: 10.1162/glep_a_00466.
1. **Brain Drain, Contracts, and Moral Obligation**, *Moral Philosophy and Politics* 3, no. 1 (March, 2016): 83–93. DOI: 10.1515/mopp-2015-0023.

Articles under Review

2. **Morally Assessing Alternative Climate Policies**. Co-author: Darrel Moellendorf.
1. **Growing Pains? The Problems with Degrowth as a Response to Climate Change**. Co-author: Darrel Moellendorf.

Published Book Reviews

3. **Review of** Toby Svoboda's *The Ethics of Climate Engineering*, forthcoming: *Ethics, Policy, & Environment*. DOI: 10.1080/21550085.2019.1581412.
2. **Review of** Aaron Maltais and Catriona McKinnon's *The Ethics of Climate Governance*, in *Environmental Ethics* 39, no. 1 (2017): 97–100. DOI:10.5840/enviroethics20173916.
1. **Review of** David Keith's *A Case for Climate Engineering* & Mike Hulme's *Can Science Fix Climate Change?* in *Global Justice: Theory, Practice, Rhetoric* 8, no. 2 (2015): 104–110. DOI: <http://dx.doi.org/10.21248/gjn.8.2.90>.

Public Pieces

9. **Researching at the Top of a Slippery Slope?** *Forum for Climate Engineering Assessment* (forthcoming). Available at: <https://ceassessment.org/blog/>.
8. **How to Legitimately Govern Geoengineering**, *Carnegie Climate Geoengineering Governance Initiative* (February, 2019). Available at: <https://www.c2g2.net/how-to-legitimately-govern-geoengineering/>.
7. **1.5°C: What's the Big Deal?** *Agenda for International Development* (February, 2019). Available at: <http://www.a-id.org/2019/02/10/1-5c-whats-the-big-deal/>.

6. **Future Climate Policy and the Right to Sustainable Development**, *Agenda for International Development* (October, 2018). Available at: <http://www.a-id.org/2018/10/21/future-climate-policy-and-the-right-to-sustainable-development/>.
5. **Technologies for a Stable Future Climate**, *Agenda for International Development* (November, 2017). Available at: www.a-id.org/wp-content/uploads/2018/01/environment-sdg.pdf. Co-author: Dominic Lenzi.
4. **US Climate Policy under President Trump: Why the Sky is Dark but not Falling**, *Agenda for International Development* (December, 2016). Available at: www.a-id.org/en/news/us-climate-policy-under-president-trump-why-the-sky-is-dark-but-not-falling/.
3. **Combating Climate Change with Geoengineering**, *Agenda for International Development* (May, 2016). Available at: <http://www.a-id.org/2016/05/01/combating-climate-change-geoengineering/>.
2. **El Acuerdo de Paris**, Interview (in Spanish) with Paula Campos of Radio Universidad Chile (January 29, 2016). Available at: <http://radio.uchile.cl/programas/tema-del-dia/paula-campos-conversa-con-daniel-callies-experto-en-cambio-climatico-de-la-universidad-johann-wolfgang-goethe-alemania>.
1. **Adaptation after the Paris Negotiations: Who Ought to Foot the Bill?** *Agenda for International Development* (December, 2015). Available at: <http://www.a-id.org/2015/12/05/adaptation-after-the-paris-negotiations-who-ought-to-foot-the-bill/>.

TEACHING

As Lead Instructor at Goethe University Frankfurt

- Biomedical Ethics** (Undergraduate Course) Summer, 2018.
- Environmental Ethics** (Undergraduate Course) Winter, 2017.
- American Political Thought** (Graduate Course) Summer, 2016.
- Environmental Ethics** (Undergraduate Course) Winter, 2015.
- Legitimacy and Justice** (Undergraduate Course) Summer, 2015.

As Teaching Assistant at San Diego State University

- Morality of War & Peace**, (Online Undergraduate Course) Summer, 2011.
- Critical Thinking and Composition** (Undergraduate Course) Fall, 2010.
- Morality of War & Peace** (Online Undergraduate Course) Summer, 2010.

CEIP Martinez Parras (Public School in Spain)

- Multiple-Subject English as a Second Language Courses** (Primary School and High School Courses) 2008–2009.

PRESENTATIONS

Conference / Workshop Presentations (Refereed)

- The Principal-Agent Problem of Gene-Drive Research**, American Philosophical Association, Vancouver (April, 2019).

Morally Assessing Alternative Climate Policies, Western Political Science Association, Vancouver (April, 2019) – Presented by Co-Author: Darrel Moellendorf.

A Moral Assessment of Alternative Climate Policies, European Consortium for Political Research General Conference, Hamburg (August, 2018).

Procedural Justice and Geoengineering, International Society for Environmental Ethics, Anchorage (July, 2018).

Climate Engineering and Playing God, Warwick Graduate Conference on Political and Legal Theory, University of Warwick, England (February, 2016).

Moral Hazards, Slippery Slopes, and Playing God: Assessing Three Arguments against Geoengineering, International Society for Environmental Ethics, Kiel, Germany (July, 2015).

Intergenerational Legitimacy, Warwick Graduate Conference on Political and Legal Theory, University of Warwick, England (January, 2015).

Is It Really Not My Fault? Climate Change and Individual Obligations, University of Graz, Austria (August, 2014).

Equality, Responsibility, and Climate Policy, Student Research Symposium, San Diego State University (September, 2010).

Hume: A Skeptical, Coherent, Empiricist, Student Research Symposium, San Diego State University (September, 2008).

Invited Presentations

A Moral Assessment of the Available Alternatives to Weak Mitigation Ambition, The Morality and Policy of Negative Emissions, Senckenberg Natural History Museum, Frankfurt, Germany (May, 2018).

Distributive Justice and Geoengineering, Graz - Louvain Workshop, Université catholique de Louvain (November, 2017).

Institutional Legitimacy and Geoengineering Governance, Geoengineering and Legitimacy Conference, University of Washington, Seattle (November, 2017).

Procedural Justice and Geoengineering, Secondary Climate Injustices Workshop, University of Warwick, England (September, 2017).

Equity, Climate Policy, and Geoengineering, Harvard Political Theory Workshop, Harvard University (November, 2016).

Institutional Legitimacy and Geoengineering Governance, Science, Technology, and Public Policy Workshop, Harvard University (November, 2016).

Institutional Legitimacy and Geoengineering Governance, Climate Scholars' Conference, University of Reading, England (November, 2016).

Climate Engineering: Disrespecting Nature? ISOE: Institute for Social-Ecological Research, Frankfurt, Germany (June, 2016).

Climate Engineering and Playing God, Climate Ethics and Economics Workshop, Goethe University Frankfurt (March, 2016).

Moral Hazards, Slippery Slopes, and Playing God: Assessing Three Arguments against Geoengineering, Goethe University Frankfurt (October, 2015).

Moral Hazards, Slippery Slopes, and Playing God: Assessing Three Arguments against Geoengineering, San Diego State University (September, 2015).

Intergenerational Legitimacy, Justitia Amplificata International Legitimacy Conference, Bad Homburg, Germany (July, 2015).

Respect for Nature: Should we Research Climate Engineering? Cluster of Excellence CliSAP, Hamburg, Germany (January, 2015).

Intentionally Manipulating the Climate: The Ethics and Governance of Geoengineering, Internationales Graduiertenprogramm Kolloquium, Goethe University Frankfurt (December, 2014).

Equality, Responsibility, and Climate Policy, Stephen L. Weber Graduate Conference in Ethics, San Diego State University (May, 2012).

Equality, Responsibility, and Climate Policy, Stephen L. Weber Graduate Conference in Ethics, San Diego State University (April, 2011).

Commentaries

Equality and Efficiency, Workshop on Chris Armstrong's *Global Justice and Natural Resources*, Goethe University Frankfurt (January, 2016).

Contracts and Moral Obligation, Debating Brain Drain with Gillian Brock and Michael Blake, Goethe University Frankfurt (June, 2015).

Cosmopolitanism and the Tyranny of the Majority, Workshop on Leif Wenar's *Blood Oil: Tyrants, Violence and the Rules that Run the World*, Goethe University Frankfurt (April, 2014).

CONFERENCES / WORKSHOPS (CO-) ORGANIZED

The Ethics and Social Implications of Gene Drive, University of California, San Diego (May, 2019).

The Ethics and Politics of Climate Change (session), European Consortium for Political Research, Hamburg, Germany (August, 2018).

The Morality and Policy of Negative Emissions, Senckenberg Natural History Museum, Frankfurt, Germany (May, 2018).

The Ethics and Economics of Climate Change, Goethe University Frankfurt & Duke University (March, 2016).

Overshooting Two Degrees: Moral and Policy Considerations, Goethe University Frankfurt (October, 2015).

Geoengineering Workshop, Senckenberg Natural History Museum, Frankfurt, Germany (July, 2014).

Stephen L. Weber Graduate Conference in Ethics (Co-founder), San Diego State University (May, 2011 & 2012).

ACADEMIC SERVICE

Supervisor: Marco Raguseo (MA Thesis), “Intergenerational Justice and Climate Change: An Analysis of Derek Parfit’s Non-Identity Problem”; Nicolas Witschen (BA Thesis), “Respect for Nature.”

Referee: *Moral Philosophy & Politics; Developing World Bioethics; WIREs Climate Change.*

LANGUAGE PROFICIENCY

English: Native speaker

Spanish: Reading, writing, and conversational fluency

German: Reading, writing, and conversational fluency

MEMBERSHIPS & AFFILIATIONS

Since 2016 American Philosophical Association

Since 2016 International Society for Environmental Ethics

Since 2016 Association for Political Theory

Since 2016 European Consortium for Political Research

Since 2015 Agenda for International Development (Head of Energy and Environment cluster)

2010–2013 Amnesty International—SDSU Chapter (Co-Founder & Vice-President)

Since 2007 Phi Beta Kappa Honor Society

Since 2007 Golden Key Honor Society

REFERENCES

(Available upon request)