

# JESSICA L. O'REILLY

---

355 North Jordan Avenue  
Bloomington, Indiana 47405  
812.855.6018  
jloreill@indiana.edu

May 30, 2019

## EDUCATION

2008 Doctor of Philosophy, Anthropology, University of California, Santa Cruz  
2006 Graduate Certificate in Antarctic Studies, University of Canterbury  
2004 Master of Arts, Anthropology, University of California, Santa Cruz  
2000 Bachelor of Arts, with Highest Honors and Distinction, Anthropology, University of Michigan

## ACADEMIC APPOINTMENTS

2019- Associate Professor of International Studies, Indiana University Bloomington  
2016-2019 Assistant Professor of International Studies, Indiana University Bloomington  
2016- Adjunct in Anthropology, Indiana University Bloomington  
2016- Ostrom Workshop Affiliate, Indiana University Bloomington  
2016 Associate Professor of Anthropology, College of St. Benedict/ St. John's University  
2010-2016 Assistant Professor of Anthropology, College of St. Benedict/ St. John's University  
2008-2010 Postdoctoral Research Fellow, Princeton University (Program in Science, Technology and Environmental Policy, Woodrow Wilson School) and University of California San Diego (Science Studies and History)

## RESEARCH AND TEACHING INTERESTS

Environmental anthropology; climate change; science and technology; environmental practice and management; policy and governance; expertise discourse; cultural geography; Antarctica and New Zealand; social science fieldwork and methods; cultural theory.

## PUBLICATIONS

### Books

O'Reilly, Jessica. 2017. *The Technocratic Antarctic: an ethnography of scientific expertise and environmental governance*. Cornell University Press.

Oppenheimer, Michael, Naomi Oreskes, Dale Jamieson, Keynyn Brysse, Jessica O'Reilly, Milena Wazeck, and Matthew Shindell. 2019. *Discerning Experts: understanding scientific assessments for public policy*. Chicago University Press.

### Peer Reviewed Articles, Single or First Author

O'Reilly, Jessica, 2018. The substance of climate: Material approaches to nature under environmental change. *Wiley Interdisciplinary Reviews: Climate Change*, 9(6), p.e550.

- O'Reilly, Jessica. 2017. Preparing for Catastrophe on the Polar Frontier: an Antarctic field training manual. *Environmental Humanities*. 9(2): 418–432.
- O'Reilly, Jessica and Juan Francisco Salazar. 2017. Inhabiting the Antarctic. *The Polar Journal*. 7(1): 9-25.
- O'Reilly Jessica. 2016. Sensing the Ice: field science, models, and expert intimacy with knowledge. *Journal of the Royal Anthropological Institute*. 22(1): 27-45.
- O'Reilly, Jessica. 2015. Glacial Dramas: typos, projections, and peer review in the Intergovernmental Panel on Climate Change. *Climate Cultures: Anthropological Perspectives on Climate Change* edited by Jessica Barnes and Michael Dove. Yale University Press.
- O'Reilly, Jessica. 2013. Antarctic Climate Futures: how terra incognita becomes terra clima. *The Polar Record*. 3(2): 384-398.
- O'Reilly, Jessica, Naomi Oreskes, and Michael Oppenheimer. 2012. The Rapid Disintegration of Projections: the West Antarctic ice sheet and the Intergovernmental Panel on Climate Change. *Social Studies of Science*. 42(5):709-731.
- O'Reilly, Jessica. 2011. Tectonic History and Gondwanan Geopolitics in the Larsemann Hills, Antarctica. *PoLAR: Political and Legal Anthropology Review*. 34: 214–232.
- O'Reilly, Jessica, Keynyn Brysse, Michael Oppenheimer, and Naomi Oreskes. 2011. Characterizing Uncertainty in Expert Assessments: ozone depletion and the West Antarctic ice sheet. *WIREs Climate Change*. 2: 728-743.

#### **Other Peer Reviewed Articles**

- Tin, T., O'Reilly, J., Peden, J., Pinkalla, S., Kelly, M., Larrea, K., Haugen, B., Haun, A. and Janssen, G., 2018. Perceptions of wilderness and the Antarctic: case studies from the United States. *The Polar Journal*, pp.1-22.
- Vardy, Mark, Oppenheimer, Michael, Dubash, Navros, O'Reilly, Jessica and Jamieson, Dale, 2017. The Intergovernmental Panel on Climate Change: a history and review. *Annual Review of Environment and Resources*. 42(1): 55-75.
- Kowarsch, M., Jabbour, J., Flachslund, C., Kok, M.T., Watson, R., Haas, P.M., Minx, J.C., Alcamo, J., Garard, J., Rioussset, P., Langford, C., Yamineva, Y., con Stechow, C., O'Reilly, J., Edenhofer, O. 2017. A road map for global environmental assessments. *Nature Climate Change*. 7(6), pp.379-382.
- Isenhour, Cynthia. Jessica O'Reilly, Heather Yocum. 2016. Introduction to Special Theme Section "Accounting for Climate Change: Measurement, Management, Morality, and Myth." *Human Ecology*. 44(6): 647-654.
- Lahsen, Myanna, Andrew Mathews, Michael R. Dove, Ben Orlove, Rajindra Puri, Jessica Barnes, Pamela McElwee, Frances Moore, Jessica O'Reilly, and Karina Yager. 2015. Strategies for changing the intellectual climate. *Nature Climate Change*. 5: 391-392.
- Barnes, Jessica, Michael Dove, Myanna Lahsen, Andrew Mathews, Pamela McElwee, Roderick McIntosh, Frances Moore, Jessica O'Reilly, Ben Orlove, Rajindra Puri, Harvey Weiss, and Kristina Yager. 2013. Contribution of anthropology to the study of climate change. *Nature Climate Change*. 3: 541-544.

Brysse, Keynyn, Naomi Oreskes, Jessica O'Reilly and Michael Oppenheimer. 2012. Climate change predictions: erring on the side of least drama? *Global Environmental Change*. 23(1): 327-337.

### **Book Reviews**

O'Reilly, Jessica. 2012. Unknown Nature: a review of Stefan Helmreich's *Alien Ocean: anthropological voyages in microbial seas*. *Environment and Society: Advances in Research*. 1:2.

O'Reilly, Jessica. 2010. In the Shadow of Melting Glaciers: a review. *Social Science Research Council*. April: [www.ssrc.org](http://www.ssrc.org)

O'Reilly, Jessica. 2009. Defining and Exploring Governance: review of *Governance, Globalization, and Public Policy*, edited by Patricia Kennett. *Science and Public Policy*. 36:5.

### **Policy Papers, selection**

O'Reilly, Jessica. 2016. Antarctica and International Climate Policy: a report from COP21. *Journal of Antarctic Affairs*. Volume III (July): 5-12.

O'Reilly, Jessica. 2014. The West Antarctic Ice Sheet in the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC): a key threat, a key uncertainty. *Proceedings of the XXXVII Antarctic Treaty Consultative Meetings*.

O'Reilly, Jessica. 2013. Update: the future of the West Antarctic Ice Sheet. *Proceedings of the XXXVI Antarctic Treaty Consultative Meetings*.

O'Reilly, Jessica. 2010. The Future of the West Antarctic Ice Sheet: observed and predicted changes, tipping points, and policy considerations. *Proceedings of the Antarctic Treaty Meeting of Experts on Climate Change*.

### **RESEARCH PROJECTS IN PROGRESS**

*The Substance of Climate: material approaches to nature under environmental change* (2017-ongoing)

*Authoring Climate: techniques of science, diplomacy, and consensus in the Intergovernmental Panel on Climate Change* (2010-ongoing)

*Discerning Experts: Understanding Scientific Assessments for Public Policy* (2008-ongoing)

### **PRESENTATIONS**

#### **2019**

Authoring Climate: an institutional ethnography of the IPCC. The Future is Now: The Humanities and Environmental Crises. Indiana University Bloomington. February 8.

#### **2018**

Antarctic Marine Protected Areas and Climate Change. United Nations Framework Convention on Climate Change 24<sup>th</sup> Conference of Parties. Katowice, Poland. December 3-14.

The History of Climate Narratives, as told by the Intergovernmental Panel on Climate Change. American Anthropological Association Annual Meetings. San Jose, CA. November 14-18. Co-organizer and presenter.

The Charismatic Inorganic. American Anthropological Association Annual Meetings. San Jose, CA. November 14-18. Discussant.

International Climate Negotiations after the 1.5 Degree IPCC Report. Sigma Iota Rho lunch and learn. Hamilton Lugar School of Global and International Studies, Indiana University Bloomington. October 29.

## **2017**

Techniques of Spatial and Rhetorical Authority at the United Nations Framework Convention on Climate Change Conference. American Anthropological Association Annual Meetings. Washington, DC. November 29-Dec 3.

Techniques of Spatial and Rhetorical Authority at the United Nations Framework Convention on Climate Change Conference. Society for the Social Studies of Science Annual Meeting. Boston, MA. August 30-September 2.

Institutional and Epistemic Cultures in the Time of Alternative Facts. *Depths and Surfaces: understanding the Antarctic region through the humanities and social sciences*. Scientific Committee on Antarctic Research Humanities and Social Sciences Expert Group Conference. Institute for Marine and Antarctic Studies, University of Tasmania, Australia. July 5-7.

## **2016**

Climate Geopolitics: the road to Paris and beyond. Great Decisions series with Meadowood Retirement Community and the University Women's Club. Bloomington, IN. December 6.

Antarctic Climate Change: an ethnographic account of governance, expertise, and extreme nature. Princeton Climate Futures Initiative. Princeton, NJ. October 2. Invited.

Preparing for Catastrophe on the Polar Frontier. *Antarctica in/ and the Anthropocene Symposium*. Pontificia Universidad Catolica de Chile. Santiago, Chile. May 28. Presenter and panel chair.

Assessing the Ice: sea level rise predictions from the West Antarctic Ice Sheet. Department of International Studies, Indiana University. January 11. Invited.

## **2015**

"Big Dead Place": sublime and quotidian life on the polar frontier. *American Anthropological Association meetings*. Denver, CO. November 18-22. Co-organizer and presenter.

Performative Spaces of Global Environmental Assessments. *Global Environmental Assessments at a Crossroads Expert Workshop*. Mercator Research Institute on Global Commons and Climate Change. Berlin, Germany. September 30-October 1. Invited.

## **2014**

The Intimacy of Expertise: glaciological field science, climate models, and the art of not knowing. *American Anthropological Association meetings*. Washington, DC. December 3-7. Co-organizer and presenter.

Science in the Bureaucracy: institutional and epistemic cultures. *National Science Foundation*. December 4. Invited.

Accounting for Climate Change: measurement, management and mysticism. *American Anthropological Association meetings*. Washington, DC. December 3-7. Discussant.

New Knowledge in Climate Assessments. *History of Science Society meetings*. Chicago, IL. November 6-9.

### **2013**

Antarctic Climate Futures: new traces on terra incognita. *American Anthropological Association meetings*. Chicago, IL. November 21-24.

Future Publics of Climate Change. *American Anthropological Association Meetings*. Chicago, IL. November 21-24. Chair and Co-Organizer of Executive Session.

The Technocratic Wilderness: culture, science, and environmental policy in Antarctica. *World Wilderness Congress*. Salamanca, Spain. Oct 4-10.

Technocratic Antarctica: ethnographic analyses of science and policy. *The Antarctic Treaty Regime: Legal and Policy Challenges workshop*. Brussels, Belgium. May 25.

Charismatic Data: the aesthetics of Antarctic climate change. *Collegial Conversation at CSB/SJU*. February 6. Invited.

Glacial Dramas: typos, projections, and peer review in the Intergovernmental Panel on Climate Change. *Environmental Policy and Culture Program Seminar*. Northwestern University. January 10. Invited.

### **2012**

Charismatic Data and Antarctic Climate Change. *American Anthropological Association meetings*. San Francisco, CA. November 14-18.

Charismatic Data and Antarctic Climate Change. *EnviroThursday Talk*. Macalester College. Saint Paul, MN. November 8. Invited.

Glacial Dramas: typos, projections, and peer review in the Intergovernmental Panel on Climate Change. *Yale School of Forestry*. New Haven, CT. April 27-28. Invited.

Assessing the Ice. *American Association for the Advancement of Science meetings*. Vancouver, British Columbia. February 16-20.

### **2011**

Sensing the Ice. *American Anthropological Association meetings*. Montreal, Quebec. November 17-21. Presenter and chair.

Articulations, Marginalizations, and Interpretations of Expertise in Policy. *Society for Social Studies of Science annual meetings*. Cleveland, OH. November 2-5. Organizer, chair, and discussant.

Climate Predictions and Mitigation in a Melting Wilderness. *Department of Anthropology, University of Georgia*. March 25. Invited.

### **2010**

Charismatic Climate Data. *American Anthropological Association meetings*. New Orleans, LA. November 17-21. Co-organizer and presenter.

New Knowledge in Climate Assessments. *History of Science Society meetings*. Montreal, Quebec. November 4-7. Organizer and presenter.

The Rapid Disintegration of Predictions: climate change, bureaucracy, and the West Antarctic Ice Sheet. *Workshop on Paradigms of Risk Assessment and Policy Research*. University of California, San Diego. May 14. Invited.

Melting Wilderness: making and managing the Antarctic environment. Wellesley College, MA. April 22. Invited.

Melting Wilderness: making and managing the Antarctic environment. Arizona State University. March 24. Invited.

Melting Wilderness: making and managing the Antarctic environment. College of St. Benedict/ St. John's University, MN. January 13. Invited.

## **2009**

The Collapse of the West Antarctic Ice Sheet: science, chapters, and the Intergovernmental Panel on Climate Change. *American Anthropological Association meetings*. Philadelphia, PA. December 2-6. Co-organizer and presenter for invited panel.

Collapse and Translation: how scientists assess the West Antarctic Ice Sheet. *History of Science Society annual meeting* in Phoenix, AZ. November 18-22. Panel organizer and presenter.

Collapse and Translation: how scientists assess the West Antarctic Ice Sheet. *Society for the Social Studies of Science (4s) annual meeting*. Washington, D.C. October 28-November 1. Panel organizer and presenter.

Assessing Assessments: a sociocultural history of the West Antarctic Ice Sheet. *The West Antarctic Ice Sheet Initiative Meeting*. Pack Forest Conference Center. Eatonville, WA. September 27-29.

## **2008**

Samples and Specimens at Antarctic Biosecurity Borders. *American Anthropological Association Meetings*. San Francisco, CA. November 19-23.

Samples and Specimens at Antarctic Biosecurity Borders. *Science Studies Colloquium*, University of California San Diego. October 20. Invited.

Tectonic Geopolitics in Larsemann Hills, Antarctica. *Emerging Geographies Conference*. University of California Santa Cruz. April 18.

## **2007**

Tectonic Time and Sacred Geographies at the Larsemann Hills. *American Anthropological Association Meetings*. Washington, DC. November 28-December 2.

Tectonic Time and Sacred Geographies at the Larsemann Hills, Antarctica. *Friday Forum*. University of California Santa Cruz. November 2. Seminar.

Antarctic Experts and Climate Change. *Society for Applied Anthropology annual conference*. Tampa, FL. March 27-31.

Overview of Research Findings. *Social Science Research Council's Fellow Workshop*. Montreal, Quebec. March 15-20.

Rearranging Antarctic Rocks. *The Curious Lives of Documents Graduate Student Symposium*. University of California, Davis. March 2.

Antarctic Samples at the New Zealand Biosecurity Border. *Bio[X]: New Iterations of Lively Bodies Science Studies Graduate Student Conference*. University of California, Santa Cruz. February 23.

## 2006

Anthropological Research and Applications in the Antarctic. *New Zealand Ministry of Research, Science, and Technology*. November 24. Invited.

Charismatic Data: Antarctic experts and climate change. *Association of Social Anthropologists in Aotearoa New Zealand annual conference*. Christchurch, New Zealand. November 9-11.

Environmental Practices in the Antarctic: professional histories of science and field life. *Department of Sociology and Anthropology, University of Canterbury*. Christchurch, New Zealand. October 20. Invited.

Anthropological Research and Applications in the Antarctic. *Antarctica New Zealand's Annual Conference*. Wellington, New Zealand. July 4-6.

## 2005

Truth and Power: entanglements in the anthropologies of science and policy. *Emergent Nature/ Cultures Workshop*. University of Minnesota, Minneapolis, MN. September 24-25.

## GRANTS AND FELLOWSHIPS

- 2017 Indiana University Office of Sustainability, Sustainability Course Development Fellowship
- 2016 National Science Foundation Collaborative Research Grant #1643524, *Authoring Climate: How Scientists Shape the Assessments of the Intergovernmental Panel on Climate Change*.
- 2014 Enabling the Next Generation of Hazards and Disasters Researchers Fellowship Program, National Science Foundation
- 2013 Faculty Research and Development Committee Professional Development Grant, CSB/SJU
- 2011 Scholarship Fellowship, CSB/SJU
- 2007 Travel Grant, Graduate Student Association, University of California, Santa Cruz
- 2005 Wenner Gren Foundation for Anthropological Research Individual Research Grant
- 2005 Social Science Research Council International Dissertation Research Fellowship
- 2005 Fulbright Fellowship, US Student Program to New Zealand
- 2004 Travel Grant, Anthropology Board, University of California, Santa Cruz
- 2004 Travel Grant, Graduate Student Association, University of California, Santa Cruz

- 2003 Travel Grant for Preliminary Dissertation Fieldwork. Anthropology Board,  
University of California, Santa Cruz  
2002 Regents Fellowship, University of California, Santa Cruz

#### **AWARDS**

- 2019 Indiana University Trustees Teaching Award

#### **TEACHING**

##### **Indiana University Bloomington**

International Climate Governance: IU Delegation to the United Nations Framework Convention on Climate Change (INTL 402/500, Fall 2018:13 students)

International Studies and Climate Change (INTL 102, Fall 2017: 36 students, Spring 2018: 16 students)

Climate Disasters and Resilience (INTL 303, Spring 2017: 13 students, Spring 2018: 35 students)

Global Health and Environment (INTL 202, Spring 2017: 60 students)

Negotiating Climate: culture, science, and politics of environmental transformation (INTL 420/ 502, Fall 2016: 10 students, Fall 2017: 20 students)

##### **Individualized Reading Courses:**

Moira Corcoran (Fall 2017)  
Alexa Blanton (Spring 2018)  
Margaret Suh (Spring 2018)  
Carrington Houser (Fall 2018)

##### **MA thesis advisor:**

Alexa Blanton  
Victoria Collins  
Carrington Houser

##### **Capstone mentor:**

Moira Corcoran  
Savannah Harrison  
Margaret Sharples-Gordon  
Margaret Suh

##### **Undergraduate researchers:**

Kari Paiscop-Grau, International Studies  
Victoria Lincourt, SPEA

##### **College of Saint Benedict/ Saint John's University**

Climate Studies  
Introduction to Anthropology

Cultural Anthropology  
Transnational Anthropology  
Environmental Ethics  
Environmental Anthropology  
Cultural Thought and Meaning  
The Anthropocene: cultural change and resilience in the face of disaster

### **University of California, Santa Cruz**

Anthropology of Science  
Space, Place, and Culture

### **SERVICE**

#### **International Studies Department**

2018- Job Search Committee, nuclear security  
2017- Executive Committee, elected committee, International Studies, IU  
2016- Undergraduate Affairs Committee, International Studies, IU

#### **School of Global and International Studies**

2018- SGIS Overseas Study Roadmap Committee  
2017- Steering Committee, Tobias Center for Innovation in Development

#### **Indiana University Bloomington**

2017- Sustainability Community of Practice, IU Office of Sustainability  
2017- Humanities, Science, and Technology visioning committee, IU College of Arts and Sciences

#### **Scholarly Service**

2018 Panelist. The IPCC's 1.5 Degree Special Report. SPEA's Town Hall Tuesday. Indiana University Bloomington. November 13.  
2017 Panelist. Washington Wednesday: the future of environmental protection. School of Public and Environmental Affairs, Indiana University. April 19.  
2017 Panelist. Science on Screen: This Changes Everything. IU Cinema. March 3.  
2016 Panelist. The Post-Election World: What will be the impact on climate and environment? Department of International Studies, Indiana University. December 6.  
2015 Participant, Expert Meeting on Potential Studies of the Intergovernmental Panel on Climate Change, World Meteorological Organization, Geneva, Switzerland. January 28-29.  
2014- Executive Committee, Humanities and Social Science Expert Group for Scientific Committee on Antarctic Research  
2007-2008 Co-Organizer, *Emerging Geographies: Mapping, Tracking, and Tracing*, Graduate Student Conference, Anthropology, University of California Santa Cruz  
2005-2006 Editorial Board, *After Culture*

#### **National and International Service**

2017 Delegate to the Antarctic Treaty Consultative Meeting for the Antarctic and Southern Ocean Coalition. Beijing, China. May 22-June 1.

- 2016 Delegate to the Antarctic Treaty Consultative Meeting for the United States (environmental advisor). Santiago, Chile. May 23-June 1.
- 2015 Delegate to the Antarctic Treaty Consultative Meeting for the United States (environmental advisor). Sofia, Bulgaria. June 1-10.
- 2013 Delegate to the Antarctic Treaty Consultative Meeting for the United States (environmental advisor). Brussels, Belgium. May 20-29.
- 2013 Advisor, Cryosphere Action Plan for the International Cryosphere Climate Initiative (ICCI). Copenhagen, Denmark. April 16-17.
- 2010 Delegate to the Antarctic Treaty Meeting of Experts on Climate Change for the Antarctic and Southern Ocean Coalition (ASOC). Svolvær, Norway. April 6-9.
- 2009 Delegate to the Antarctic Treaty Consultative Meeting for the Antarctic and Southern Ocean Coalition (ASOC). Baltimore, MD. April 6-17.
- 2007 Delegate to the Antarctic Treaty Consultative Meeting for the Antarctic and Southern Ocean Coalition (ASOC). New Delhi, India. April 30-May 11.
- 2006 Delegate to the Antarctic Treaty Consultative Meeting for the Antarctic and Southern Ocean Coalition (ASOC). Edinburgh, UK. June 12-23.

## **PEER REVIEWER**

### **Journals**

*American Anthropologist*  
*American Ethnologist*  
*Anthropological Quarterly*  
*Climatic Change*  
*Cultural Anthropology*  
*Environmental Humanities*  
*Futures*  
*Global Environmental Politics*  
*Global Environmental Change*  
*Journal of the Royal Anthropological Institute (JRAI)*  
*POLAR: Political and Legal Anthropology Review*  
*The Polar Journal*  
*The Polar Record*  
*Science and Technology Studies*  
*Social Studies of Science*  
*Wiley Interdisciplinary Reviews: Climate Change*  
*Yearbook of Polar Law*

### **Book Manuscripts**

Manchester University Press  
 Palgrave Macmillan  
 School for Advanced Research  
 Routledge

### **Research Proposals**

National Science Foundation  
 New Zealand Antarctic Research Institute  
 Australian Antarctic Division  
 Scientific Committee on Antarctic Research

**PROFESSIONAL AFFILIATIONS**

American Anthropological Association  
Anthropology and Environment Section  
Society for Cultural Anthropology  
The Society for Social Studies of Science