

JOSHUA JAMES COUSINS

State University of New York College of Environmental Science & Forestry (SUNY-ESF)

| Department of Environmental Studies | Syracuse, NY | 307-421-2954 | jcousins@esf.edu |

EDUCATION

University of Michigan School for Environment and Sustainability (SEAS) <i>Ann Arbor, MI</i>	Resource Policy & Behavior	Ph.D.	2016
Portland State University <i>Portland, OR</i>	Geography	M.S.	2010
University of Colorado <i>Boulder, CO</i>	Geography	B.A.	2007

APPOINTMENTS

2018-	Assistant Professor Department of Environmental Studies State University of New York College of Environmental Science and Forestry
2016-2018	Ecology, Evolution, Ecosystems, and Society Postdoctoral Fellow Department of Geography and Environmental Studies Program Dartmouth College

PUBLICATIONS

- Cousins, Joshua J. (2018). Remaking Stormwater as a Resource: Technology, law, and citizenship. *WIRES: Water*
- Cousins, Joshua J. (2017). Structuring Hydro-social Relations in Urban Water Governance. *Annals of the American Association of Geographers*. 107:5 1144-1161. DOI: 10.1080/24694452.2017.1293501
- Cousins, Joshua J. (2017). Of Floods and Droughts: The uneven politics of stormwater in Los Angeles. *Political Geography* 60 34-46. DOI: 10.1016/j.polgeo.2017.04.002
- Cousins, Joshua J. (2017). Infrastructure and Institutions: Stakeholder perspectives of stormwater management options in Chicago. *Cities* 66 44-52. DOI: 10.1016/j.cities.2017.03.005
- Newell, Joshua P., Joshua J. Cousins, and Jennifer Baka. (2017). Political-industrial ecology: An introduction. *Geoforum* DOI: 10.1016/j.geoforum.2017.07.024
- Cousins, Joshua J. (2017). Volume Control: Stormwater and the politics of urban metabolism. *Geoforum* 85 368-380. DOI: 10.1016/j.geoforum.2016.09.020
- Newell, Joshua P. and Joshua J. Cousins. (2015). The Boundaries of Urban Metabolism: Towards a political-industrial ecology. *Progress in Human Geography* 39:6 702-728. DOI: 10.1177/0309132514558442
- Cousins, Joshua J. and Joshua P. Newell. (2015) A Political-industrial Ecology of Water Supply

Infrastructure for Los Angeles. *Geoforum* 58 38-50. DOI: 10.1016/j.geoforum.2014.10.011
Fang, Andrew, Joshua P. Newell, and Joshua J. Cousins. (2015). The Energy and Emissions Footprint of Water Supply for Southern California. *Environmental Research Letters* 10 114002. DOI: 10.1088/1748-9326/10/11/114002.

In Press

Cousins, Joshua J. and Joshua P. Newell. (In press). Urban Political Ecology *in and of the City*. In *Handbook on Urban Geography*. Ed. Tim Schwanen and Ronald van Kempen. Edward Elgar. [Invited submission]

REFEREED CONFERENCE PROCEEDINGS

- 2015 Developing a political-industrial ecology: The case of Los Angeles's water supply metabolism (w/ Joshua P. Newell). *International Society for Industrial Ecology*, University of Surrey, Surrey, UK.
- 2014 Extending Urban Metabolism through political-industrial Ecology: Water Supply Infrastructure for Los Angeles (w/ Joshua P. Newell). *Urbanization and Global Change Conference*, Taipei, Taiwan.
- 2013 Transdisciplinary Pathways for Urban Metabolism Research (w/ Joshua P. Newell). *7th International Conference of the International Society for Industrial Ecology*, University of Ulsan, Ulsan, South Korea.

EXTERNALLY FUNDED RESEARCH ACTIVITIES AND AWARDS

- 2015-16 National Science Foundation: Geography and Spatial Sciences Program. *Doctoral Dissertation Research Improvement Grant, Governing Stormwater: Perspectives of and Preferences Towards Stormwater Management*. PI Joshua P Newell, Co-PI Joshua J Cousins (\$15,998)
- 2015-16 Trent R Dames Civil Engineering History Fellow. *Of Floods and Droughts: The Nature of Technology and the Transformation of Stormwater in Los Angeles, 1862-present*. The Huntington Library, San Marino, CA (\$6,000)
- 2008 Segal AmeriCorps Education Award
- 2003-07 Marine Corps Scholarship Foundation
- 2003-07 Freedom Alliance Scholarship

INTRAMURAL RESEARCH FUNDING, GRANTS, AND AWARDS

- 2018 Postdoctoral Scholar Professional Development Award, Dartmouth College
- 2016 The Environmental Justice Award for Outstanding Scholarship, SNRE, University of Michigan
- 2015-16 Rackham Predoctoral Fellowship, University of Michigan
- 2015 The Superior Teaching Award, SNRE, University of Michigan
- 2015 School of Natural Resources and Environment International Travel Grant, University of Michigan

- 2015 Rackham Graduate Student International Travel Grant, University of Michigan
- 2014 Rackham Graduate Student Doctoral Candidate Research Grant, University of Michigan
- 2014 Rackham Graduate Student Travel Grant, University of Michigan
- 2014 School of Natural Resources and Environment Travel Grant, University of Michigan
- 2013 Rackham Graduate Student Travel Grant, University of Michigan
- 2013 School of Natural Resources and Environment Travel Grant, University of Michigan
- 2013 Block Merit Scholarship, School of Natural Resources and Environment, University of Michigan
- 2012 Rackham Spring-Summer Fellowship, *Transdisciplinary Platforms for Sustainable Urban Metabolism Research*, University of Michigan.
- 2003-07 Academic Excellence Program, University of Colorado-Boulder
- 2003-04 T.E. Syman Scholarship, University of Colorado-Boulder

PRESENTATIONS

- 2018 Configuring socio-technical relations: Flood control, weaponization, and urban sustainability at Morris Dam. *Association of American Geographers Annual Meeting*; New Orleans, LA
- 2017 Resilience, urbanization, and water resources: The dilemma of flood control and urban drainage. CIAT, Hanoi, Vietnam
- 2017 The Basin and the City: The role of science and technology in building urban and regional resilience in Vietnam and the Mekong region. Vietnam National University, Hanoi
- 2016 Governing Flow: Overcoming divergent perspectives of stormwater in Los Angeles. *Association of American Geographers Annual Meeting*; San Francisco, CA
- 2015 Assembling stormwater: Drought, climate change, and the transformation of stormwater in Los Angeles. *American Anthropological Association Annual Meeting*; Denver, CO
- 2015 From hazard to asset: Assembling stormwater as a resource. *Society for Social Studies of Science Annual Meeting*; Denver, CO
- 2015 Developing a political-industrial ecology: The case of Los Angeles's water supply metabolism. *International Society for Industrial Ecology Conference*; Surrey, Guildford, UK
- 2015 What is stormwater? Transforming a hazard into a beneficial resource. *Association of American Geographers Annual Meeting*; Chicago, IL
- 2015 Flows of water and carbon: A political-industrial ecology of Los Angeles's water supply metabolism; *Dimensions of Political Ecology*; University of Kentucky
- 2014 (Re)Theorizing Urban Metabolisms: The water-energy nexus of Los Angeles; *Association of American Geographers Annual Meeting*; Tampa, FL

- 2014 Islands of Urban Metabolism Research and Prospects for Interdisciplinary Scholarship; *Dimensions of Political Ecology*; University of Kentucky
- 2014 Political Ecology and Pedagogy; *Annual Critical Geography Conference*; University of Colorado-Boulder
- 2013 Reshaping the water supply metabolism for southern California in the face of climate change; *Regional Studies Association North American Conference* (w/ Joshua P. Newell); University of California-Los Angeles
- 2013 Transdisciplinary Pathways for Urban Metabolism Research; *American Association of American Geographers Annual Meeting*, Los Angeles, CA
- 2010 Alternative Food Networks and Land-Use in Washington County, OR; *Oregon Academy of Sciences*, Portland, Oregon.

CONFERENCE SESSIONS ORGANIZED

- 2017 Innovation and Stagnation: Fostering methodological insights in the movement, circulation, and transformation of things and materials I. *American Association of Geographers Annual Meeting*, Boston, MA (w/ Eric Lovell)
- 2017 Innovation and Stagnation: Fostering methodological insights in the movement, circulation, and transformation of things and materials II. *American Association of Geographers Annual Meeting*, Boston, MA (w/ Eric Lovell)
- 2017 Political Ecologies of Infrastructure I. *Dimensions of Political Ecology*. University of Kentucky (w/ Grant Gutierrez)
- 2017 Political Ecologies of Infrastructure II. *Dimensions of Political Ecology*. University of Kentucky (w/ Grant Gutierrez)
- 2016 Towards a Political-Industrial Ecology I: Methods. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Joshua Newell and Jennifer Baka)
- 2016 Towards a Political-Industrial Ecology II: Politicizing Industrial Ecology. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Joshua Newell and Jennifer Baka)
- 2016 Towards a Political-Industrial Ecology III: Energy. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Joshua P Newell and Jennifer Baka)
- 2016 Towards a Political-Industrial Ecology IV: Water. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Joshua P Newell and Jennifer Baka)
- 2016 Political Ecologies of Water in the West 1. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Alida Cantor)
- 2016 Political Ecologies of Water in the West 2. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Alida Cantor)
- 2016 Political Ecologies of Water in the West 3. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Alida Cantor)
- 2016 Political Ecologies of Water in the West 4. *Association of American Geographers Annual Meeting*, San Francisco, CA (w/ Alida Cantor)

- 2014 Urban Natures: Infrastructure, ecology, and the ‘resilient’ city I. *Association of American Geographers Annual Meeting*; Tampa, FL (w/ Gregory Simon and Joshua P Newell)
- 2014 Urban Natures: Infrastructure, ecology, and the ‘resilient’ city II. *Association of American Geographers Annual Meeting*; Tampa, FL (w/ Gregory Simon and Joshua P Newell)
- 2014 Urban Natures: Infrastructure, ecology, and the ‘resilient’ city III. *Association of American Geographers Annual Meeting*; Tampa, FL (w/ Gregory Simon and Joshua P Newell)

CONFERENCE PANELS

- 2015 Theorizing Political–Industrial Ecology; with David C. Gibbs, Stephanie Pincetl, Luke R. Bergmann, Susanne E Freidberg, and Jennifer Baka; *Association of American Geographers Annual Meeting*; Chicago, IL

PROFESSIONAL EXPERIENCE

- 2011 **Research Support Specialist**; Riparian Forest Dynamics in Semi-arid River Basins (Sacramento River, CA); SUNY-ESF, Forest and Natural Resource Management
- 2010 **GIS and Cartographic Assistant**; Hazardous Material Risk Assessment Report; Portland State University, Center for Spatial Analysis and Research, Portland, OR
- 2009 **Research Assistant**; Impacts of beaver, an ecosystem engineer, on forest structure (Adirondacks, NY); SUNY-ESF, Forest and Natural Resource Management, Syracuse, NY
- 2007-08 **AmeriCorps**, Knox County Community Action Committee: Environmental Education and Outreach, Knoxville, TN

TEACHING, ADVISING, AND CURRICULUM DEVELOPMENT

- 2018 **Instructor**; EST 426: Community Planning and Sustainability, SUNY-ESF, Department of Environmental Studies
- 2017-18 **Instructor**; EEES 266: Ecology and Society Workshop, Dartmouth College, Ecology, Evolution, Ecosystems and Society Graduate Program
- 2017 **Instructor**; GEOG 18: Urbanization and the Environment, Dartmouth College, Department of Geography
- 2012-14 **Graduate Student Instructor**; NRE 510a: Environmental Governance and Decision Making: Nature, Culture, Power, University of Michigan, SNRE
- 2013 **Grader**; ENVIRON 207: Sustainability and Society; University of Michigan, Program in the Environment
- 2012 **Graduate Student Instructor**; NRE 580: Environmental Assessment, University of Michigan, SNRE
- 2011 **Course Development and Instructional Aid**; ENVIRON 207: Sustainability and Society; University of Michigan, Program in the Environment
- 2009 **Teaching Assistant**, GEOG 4/553: Geography of Japan, Portland State University, Department of Geography

Undergraduate Advising

- 2018- Nicole Velez; Urban Sustainability and Water Governance; Environmental Studies; Dartmouth College
- 2018- Mary Katherine Milway; Sustainable Design, Dartmouth College

Thesis Committee Advising

- 2018- Clare Mathias; *Are Parks the Problem?: Examining the Relationship Between Equitable Greenspace Development Projects and Gentrification*. Department of Geography; Dartmouth College (Garret G.D. Nelson - Chair, Francis Magilligan)
- 2018 Alex Sclafani; *In Pursuit of Livable Communities: An ethics of care for Vermont and New Hampshire agri-food systems*; Department of Geography, Dartmouth College (Patricia Lopez - Chair, Christopher Sneddon)

ACADEMIC SERVICE AND OUTREACH

- 2018 **Manuscript Reviewer**, *Nature: Sustainability, Environment and Planning D: Society and Space, Economic Anthropology, Journal of Environmental Planning and Management, Environment and Planning E: Nature and Space, Geoforum*
- 2017 **Grant Proposal Reviewer**, National Science Foundation (NSF) Geography and Spatial Sciences Program
- 2017 **Manuscript Reviewer**, *Urban Studies, Antipode, Environmental Research Letters, Society and Natural Resources, Urban Geography, Political Geography, Water Alternatives, Resources, Conservation, and Recycling, Annals of the American Association of Geographers, Geoforum, Sustainable Cities and Society*
- 2016-17 **Committee Member**, Ecology, Evolution, Ecosystems, and Society Postdoctoral Fellowship Search Committee, Dartmouth College
- 2016 **Manuscript Reviewer**, *International Journal of Urban and Regional Research, Geoforum (2), Environment and Planning A*
- 2015-16 **Student Representative**; Promotion and Tenure Committee, University of Michigan, SNRE
- 2015 **Manuscript Reviewer**, *Journal of Industrial Ecology, Annals of the Association of American Geographers, Michigan Journal of Sustainability*
- 2014 **Manuscript Reviewer**, *Journal of Industrial Ecology*
- 2013 **Manuscript Reviewer**, *Antipode*
- 2012-13 **Student Representative**; Sustainable Food Systems Faculty Hiring Committee, University of Michigan, SNRE (w/ Ivette Perfecto, Joan Nassauer, Bill Currie, and Catherine Badgley)
- 2012-13 **Ph.D. Student Government Representative**; University of Michigan, SNRE

- 2009-10 **Student Representative;** Graduate Admissions Committee, Portland State University,
Department of Geography
- 2009-10 **President;** Friends of Geography, Portland State University, Department of Geography
- 2008-09 **Secretary;** Friends of Geography, Portland State University, Department of Geography

PROFESSIONAL ORGANIZATIONS/SOCIETY MEMBERSHIPS

American Anthropological Association
American Association of Geographers
International Society for Industrial Ecology
Society for Social Studies of Science