

KATHERINE FOO, PhD MLA

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EDUCATION

2010-2015 Clark University, PhD in Geography
2004-2008 University of Michigan, Master of Landscape Architecture (MLA)
2004-2008 University of Michigan, MS in Sustainable Systems
1998-2002 Williams College, BA in Poverty Studies, *cum laude*

EMPLOYMENT

2017- Assistant Teaching Professor
Global School, Worcester Polytechnic Institute

- Advise collaborative interdisciplinary research projects in international cities with cross sector partners (Hangzhou, Melbourne, Copenhagen, Berlin); teach associated proposal development and research methods course
- Co-establish and co-direct a new project center in Berlin, Germany
- Co-teach a first-year project-based course on Livable Cities
- Teach an experimental Smart & Sustainable Cities course

2015-2017 Postdoctoral Fellowship
Department of Geography, The Pennsylvania State University.

- Taught GEOG 520 Development, State, and Environment (Fall 2015); GEOG 430 Human Use of the Environment (Fall 2015, Spring 2016), Power, Environment, and Justice (Spring 2016, Fall 2016); Sustainable Communities (Fall 2016); Urban Geography (Spring 2017)
- Initiated a teaching collaboration between my political ecology course and a landscape architecture studio, which involved a visit to Baltimore's Office of Sustainability and the Baltimore Ecosystem Study
- Directed PLACE, the Penn State Lab for Analysis of Culture and the Environment

2010-2015 Graduate Research Fellowship
Graduate School of Geography, Clark University

- Designed and managed a research project within a broader UMass Amherst-based NSF/USFS Urban Long Term Research Area (ULTRA-ex) study
- Advised a team of undergraduate research fellows to carry out the ULTRA-ex research project from data collection to analysis
- Taught GEOG 280/380 Urban Ecology (Fall 2013)
- Successfully pursued funding from the Dean's Office to create an experimental cross-class collaboration (through GEOG 280/380) and citizen science initiative

PEER-REVIEWED ARTICLES : PUBLISHED

Foo, Katherine. 2019. Visualizing Undisciplined Environments: an introduction. *Geoforum*. Special issue: Visualizing Undisciplined Environments. (Editor for special issue. 5 papers)

Foo, Katherine, James McCarthy, and Anthony Bebbington. 2018. Activating landscape ecology: a governance framework for design-in-science. *Landscape Ecology*, 33(5), 675-689.

Foo, Katherine. 2018. Examining the Role of NGOs in urban environmental governance. *Cities*. 77:67-72.

Stoddard, Elizabeth, Alida Cantor, Dianne Rocheleau, Trevor Birkenholtz, Jennifer Brewer, **Katherine Foo,** Robin Roth. 2018. Putting Rooted Networks into Practice. *ACME: An International Journal for Critical Geographers*, 17(4), 958.

Foo, Katherine. 2017 Visualizing empathy, memory, and identity: a study of visual methods that challenge dominant scopic regimes in Boston, Raleigh, and Los Angeles. *Visual Methodologies*. Special Issue: Environmental (In)visibilities. 5(2): 35-49.

Foo, Katherine, Emily Gallagher, Annette Kim, and Ian Bishop. 2015. Critical Landscape Visualization. *Landscape and Urban Planning*. Special Issue: Critical Approaches to Landscape Visualization. 184:80-84. (Lead editor for special issue. 13 research papers and 4 commentaries)

Foo, Katherine, Deborah Martin, Colin Polsky, Clara Wool, and Martha Ziemer. 2014. A Well-Being Framework for Urban Neighborhood Resilience. *The Geographical Journal*. Special issue: Geographies of Wellbeing: frameworks, practices, and politics. 181(2):138-146.

Foo, Katherine, Deborah Martin, Clara Wool, and Colin Polsky. 2013. The Production of Urban Vacant Land: relational placemaking in Boston, MA neighborhoods. *Cities*. Special Issue: Vacant Land: the new urban green. 35:156-163.

CHAPTER IN EDITED BOOK OR ANTHOLOGY

Foo, Katherine. 2017. Institutionalizing Urban Possibility: urban greening and vacant land governance in three American Cities. In John Henneberry (Ed.), *Transience and Permanence in Urban Development*. Oxford, U.K.: Wiley-Blackwell.

Bebbington, Anthony and **Katherine Foo.** 2014. Social Capital. In Dasai, Vandana and Robert Potter (Eds.) *The Companion to Development Studies, 3rd Edition*. New York, NY: Routledge Publishing

BOOK REVIEWS

Foo, Katherine. 2020. Biology in the grid: Graphic design and the envisioning of life: by Phillip Thurtle. London: University of Minnesota Press, 2018, 262 pages. *Visual Studies*, 1-2.

Foo, Katherine. 2020. Moving pictures, still lives: by James Tweedie. Oxford: University of Oxford Press, 2018, 291 pages. *Visual Studies*, 1-2.

OTHER PUBLICATIONS

Foo, Katherine, Heather Gott, Meredith Haamen, and Suzanne Perry. 2007. RESPOND: a residential oil spill in St. Bernard Parish, LA.

INVITED TALKS

Foo, Katherine. February 27, 2020. "Catalyzing landscape ecology: a governance framework for design-in-science." Bridge Scholar Talk. School of Earth and Sustainability. University of Massachusetts-Amherst.

Foo, Katherine. May 17-23, 2019. A Governance Framework for Landscape Sustainability Science: connecting urban ecology and public health. For invited seminar: Green Infrastructure & Public Health. Beijing Forestry University. Beijing, China.

Foo, Katherine. October 25-28, 2017. One farm, Two Cities: urban environmental footprints as a method for conceptualizing localized resilience. For invited workshop: Deconstructing Participatory Climate Governance: Innovation or Business as Usual? INOGO Workshop. Bordeaux, France.

Foo, Katherine. January 14-15, 2015. Institutionalizing Urban Possibility: urban greening and vacant land governance in three American Cities. For invited workshop: Transience and Permanence in Urban Development. The University of Sheffield, Department of Urban Studies & Planning. Sheffield, UK.

Foo, Katherine. July 23-24, 2012. Visualizing Urban Metabolic Processes: A Landscape Approach to Understanding Boston's Carbon Cycle. For invited workshop: Visualization Technologies to Support Research on Human-Environment Interactions. National Science Foundation National Socio-Environmental Synthesis Center (SESYNC). Annapolis, Maryland

CONFERENCE PRESENTATIONS

2019. Presenter. Disentangling Smart Cities, Neoliberal Surveillance, and Urban Authoritarianism. For session "Power and Politics in the Smart Cities." Beyond Smart Cities Today. Rotterdam, Netherlands.

2019. Presenter (Co-authored by Terry Schwarz). The aesthetic regimes of spatial urban politics. For session "Critical engagements with creative geographies I." Association of American Geographers. Washington, D.C.

2018. Presenter. A Landscape Ecological Framework for Governing Vacant Land. For Symposium: "Ecological and Social Perspectives on Urban Vacant Lots." International Association of Landscape Ecology, United States. Chicago, Illinois.

2018. Presenter. A critical examination of urban resilience in an era of authoritarian environmental governance. International Forum on Urbanism (IFoU): Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience. Barcelona, Spain.

2016. Presenter. Geographies of Energy Infrastructure: state theory in industrial-political ecology. Association of American Geographers. San Francisco, CA.

2016. Discussant. Green Infrastructure: Theory and Practice 3. Association of American Geographers. San Francisco, CA.

2016. Panelist. Sustainable Urban Form and Geodesign: Pathways for Healthy and Resilient Cities III. Association of American Geographers. San Francisco, CA.

2016. Organizer and Chair. Visualizing Undisciplined Environments I & II. International Conference of the European Network of Political Ecology (ENTITLE). Stockholm, Sweden.

2014. Presenter. A Framework for Governing Urban Trees. Association of American Geographers. Tampa, FL.

2012. Presenter. Digital Media and Urban Neighborhood Planning in U.S. Cities. Second International Sociological Association Forum of Sociology. Buenos Aires, Argentina.

2012. Co-Organizer and Chair. Map-Making and Visualization for Critical Research I & II. Association of American Geographers. New York, NY.

2012. Presenter. The Urban Ecologies of Well-Being: a neighborhood approach. Association of American Geographers. New York, NY.

2011. Co-Organizer and Co-Chair. Mapping and Visualization Approaches for Radical Social Change I & II. Critical Geography. Worcester, MA.

2011. Participatory Landscape Design as a Community Development Tool in a Boston neighborhood. Association of American Geographers. Seattle, WA.

FELLOWSHIPS, AWARDS, & GRANTS

- Bridge Scholar, School of Earth & Sustainability, University of Massachusetts-Amherst
- Radcliffe/Rappaport Doctoral Public Policy Fellowship, Rappaport Center for Greater Boston Harvard Kennedy School and the Radcliffe Institute (2012)
- American Society of Landscape Architects Honor Award, “RESPOND: a residential oil spill in St. Bernard Parish, LA” (2007)
- Sustainable Science Fellowship, Northern Research Station, USDA-FS (2014)
- Cambodian Law & Development Fellowship, Law School, University of Michigan (2008)
- Edna Bailey Sussman Award, Clark University (2014)
- Environmental Leadership Program Fellowship, ELP (2014)
- Geller Award, Marsh Institute, Clark University (2013)
- Clark University Dean’s Office. Funding for Liberal Education and Effective Practice (LEEP) Curriculum Development. Robert Gil Pontius, Barbara Goldoftas, Dianne Rocheleau, and **Katherine Foo** (2013, \$3,099)

PROFESSIONAL AFFILIATIONS

Member, International Association of Landscape Ecology

Member, Environmental Design Research Association

Member, Association of American Geographers