

# **Kimberley Anh Thomas**

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## **EDUCATION AND TRAINING**

PhD Geography, Rutgers University

Dissertation title: “The River-Border Complex: Governing Flows in South Asia”

Received the Nystrom Dissertation Award from the American Association of Geographers

MSc Biological Oceanography, University of Hawaii

BSc Biology and Environmental Studies, with Distinction, University of Victoria

## **ACADEMIC EMPLOYMENT**

**Associate Professor** (2024–)

Graduate Chair (2023–)

Department of Geography, Environment, and Urban Studies

*Temple University, Philadelphia, Pennsylvania*

**Assistant Professor** (2018–2024)

Department of Geography, Environment, and Urban Studies

*Temple University, Philadelphia, Pennsylvania*

**Visiting Research Scholar** (2018–2019)

Center for Southeast Asian Studies

*Kyoto University, Kyoto, Japan*

**Assistant Professor** (2017–2018)

Department of Geography

*The Pennsylvania State University, University Park, Pennsylvania*

**A.W. Mellon Postdoctoral Fellow** (2015–2017)

Department of Earth and Environmental Sciences, Department of South Asia Studies

*University of Pennsylvania, Philadelphia, Pennsylvania*

## **COURSES OFFERED**

### **Graduate**

Climate Change & Security

Political Ecology

Research Design

The Politics of Water

### **Undergraduate**

Environment and Society

Global Capitalism, Labor, and the Environment

## **AWARDS AND ACADEMIC ACHIEVEMENTS**

Office of the Vice-President for Research Humanities and Arts Bridge Award

April 2024

Mansfield-Luce Asia Scholar

November 2023–October 2024

Fulbright U.S. Scholar Award	June 2022
American Association of University Women American Fellowship (alternate)	April 2021
Center for the Humanities at Temple (CHAT) Faculty Fellowship	December 2020
American Institute of Bangladesh Studies Conference Travel Award	April 2019
UC Berkeley Formal Demography Workshop Grant	March 2019
Kyoto University Center for Southeast Asian Studies Research Fellowship	November 2017
Institute of Human Geography Grant	November 2017
CAORC Multi-Country Research Fellowship	April 2017
U.S. Global Change Research Program Workshop Grant	February 2017
J. Warren Nystrom Dissertation Award	April 2016
Rutgers Graduate School Conference Travel Award	July 2014
Rutgers University Excellence Fellowship in Geography	April 2014
American Institute of Bangladesh Studies Conference Travel Award	February 2014
Fulbright IIE Graduate Research Fellowship	April 2013
American Inst. of Indian Studies Advanced Language Scholarship	March 2013
U.S. Department of State Critical Language Scholarship	February 2013
American Institute of Bangladesh Studies Junior Fellowship	November 2012
Rutgers University Excellence Fellowship in Geography	August 2012
Ford Foundation Predoctoral Fellowship – Honorable Mention	April 2012
Rutgers Graduate School Special Study Award	April 2012
Foreign Language and Area Studies Fellowship	March 2012
South Asia Summer Language Institute Scholarship	March 2012
U.S. Department of State Critical Language Scholarship	February 2012
American Institute of Bangladesh Studies Conference Travel Award	February 2012
Rutgers Graduate School Conference Travel Award	November 2011
South Asian Studies Research/Travel Award	May 2011
NSF Graduate Research Fellowship – Honorable Mention	2005, 2006

## **PUBLICATIONS (Thomas, also published as Weersing)**

### **Peer-reviewed research articles**

Baird, I. *et al.* Ruin-of-the-rivers? A global review of run-of-the-river dams. *Environmental Management*. Under review.

Thomas, K. 2024. Accumulation by adaptation. *Geography Compass*. 18(1): e12731.  
<http://doi.org/10.1111/gec3.12731>

Jang, H., and K. Thomas. 2024. The geopolitics of whaling and Japanese colonialism in Korea. *Territory, Politics, Governance*. 12(1): 50–71.  
<http://dx.doi.org/10.1080/21622671.2022.2138524>

Thomas, K. 2023. Compelled to compete: Rendering climate change vulnerability investable. *Development and Change*. 54(2): 223–250. <http://doi.org/10.1111/dech.12756>

Kelley, L., S. Shattuck, and K. Thomas. 2022. Cumulative socio-natural displacements: Reconceptualizing climate displacements in a world already on the move. *Annals of the American Association of Geographers*. 112(3): 664–673.  
<https://doi.org/10.1080/24694452.2021.1960144>

- Thomas, K. 2021. International rivers as border infrastructures: En/forcing borders in South Asia. *Political Geography*. 89: 102448. <https://doi.org/10.1016/j.polgeo.2021.102448>
- Strube, J. and K. Thomas. 2021. Damming Rainy Lake and the ongoing production of hydro-colonialism in the US-Canadian Boundary Waters. *Water Alternatives*. 14(1): 19–41. <http://www.water-alternatives.org/index.php/alldoc/articles/vol14/v14issue1/607-a14-1-2/file>
- Thomas, K. 2020. The problem with solutions: Development failures in Bangladesh and the interests they obscure. *Annals of the American Association of Geographers*. 110(5): 1631–1651. <https://doi.org/10.1080/24694452.2019.1707641>
- Thomas, K. 2020. Shifting baselines of disaster mitigation. *Climate and Development*. 12(2): 147–150. <https://doi.org/10.1080/17565529.2019.1605875>
- Thomas, K. and B. Warner. 2019. Weaponizing vulnerability to climate change. *Global Environmental Change*. 57: 1–11. <https://doi.org/10.1016/j.gloenvcha.2019.101928>
- Thomas, K. et al. 2019. Explaining differential vulnerability to climate change: a social science review. *WIREs Climate Change*. 10(2): e565. <https://onlinelibrary.wiley.com/doi/full/10.1002/wcc.565>
- Hardy, D. et al. 2018. Social Vulnerability: Social Science Perspectives on Climate Change, Part 1. Washington DC: United States Global Change Research Program.
- Thomas, K. 2017. The Ganges Water Treaty: 20 years of cooperation, on India’s terms. *Water Policy*. 19(4): 724–740. <https://doi.org/10.2166/wp.2017.109>
- Thomas, K. 2017. Governing international rivers in the Anthropocene. IN: Clarke-Sather et al. The shifting geopolitics of water in the Anthropocene. *Geopolitics*. 22(2): 332–359.
- Thomas, K. 2017. The river-border complex: A border-integrated approach to transboundary river governance illustrated by the Ganges River and Indo-Bangladeshi border. *Water International*. 42(1): 34–53. <http://dx.doi.org/10.1080/02508060.2016.1247236>
- Bryant, J. et al. 2016. Diversity and activity of communities inhabiting plastic debris in the North Pacific Gyre. *mSystems*. 1(3): e00024-16.
- Thomas, K. 2012. Water Under the Bridge? International Resource Conflict and Post-Treaty Dynamics in South Asia. *South Asia Journal*. 5: 11–28.
- Weersing, K. and R. Toonen. 2009. Population genetics, larval dispersal, and demographic connectivity in marine systems. *Marine Ecology Progress Series*. 393: 1–12. *Feature Article*.
- Gaidos, E. et al. 2007. The Precambrian emergence of animal life: A geobiological perspective. *Geobiology*. 5(4): 351–373.
- Woodson, C.B. et al. 2007. Local diurnal upwelling driven by sea breezes in northern Monterey Bay. *Continental Shelf Research*. 27: 2289–2302.

### **Peer-reviewed education articles**

- Thomas, K. 2019. Water security across borders. *Geography Review*. 32(3): 34–37.
- Thomas, K. 2017. The “mundane violence” of international water conflicts. *Education About Asia*. 22(2): 36–41.

Thomas, K., B.C. Bruno, K. Achilles, S.B. Sherman. 2011. A Watery-Who Dunit: The case of the missing zooxanthellae. *Science Scope*. 34(7): 44–54.

Weersing, K., J. Padilla-Gamiño, and B.C. Bruno. 2010. What microbe are you? *The Science Teacher*. 77(6): 40–44.

### **Book sections and chapters**

Thomas, K., L. Kelley, and A. Shattuck. Violent displacement and volumetric change. IN: M. Mostafanezhad and W. Dressler (Eds.), *Violent Atmospheres*. Honolulu: University of Hawaii Press. *In press*.

Thomas, K. Enduring infrastructure. 2021. IN: S. O’Lear (Ed.), *A Research Agenda for Geographies of Slow Violence*. Cheltenham: Edward Elgar Publishing. pp. 107–122.  
<https://doi.org/10.4337/9781788978033.00011>

Thomas, K. 2020. Analyzing borders seriously: the river-border complex. IN: M. Zeitoun, N. Mirumachi, and J. Warner (Eds.), *Water Conflicts: Analysis for Transformation*. Oxford: Oxford University Press. pp. 39–40.

### **Public scholarship**

Bruku, C., and K. Thomas. 2024. On again, off again: Ghana’s struggles with electricity unreliability, equity and sustainability. *Undisciplined Environments*.  
<https://undisciplinedenvironments.org/2024/01/09/on-again-off-again-ghanas-struggles-with-electricity-unreliability-equality-and-sustainability/>

Carlson, A., and K. Thomas. 2023. Minimizing human-animal conflict with convivial conservation. *Edge Effects*. <https://edgeeffects.net/convivial-conservation/>

Newnam, E., and K. Thomas. 2023. Convivial conservation of novel ecosystems. *Undisciplined Environments*. <https://undisciplinedenvironments.org/2023/06/29/convivial-conservation-of-novel-ecosystems/>

Gomes, V., and K. Thomas. 2021. Chester is choking: What is beyond environmental racism? *Uneven Earth*. <http://unevenearth.org/2021/12/chester-is-choking/>

Johnson, S., and K. Thomas. 2021. Green gentrification in South Philly. *Edge Effects*.  
<https://edgeeffects.net/green-gentrification/>

Torchio, P., and K. Thomas. 2021. Tracing the ecological crisis along the U.S.-Mexico border to national security policy. *Undisciplined Environments*.  
<https://undisciplinedenvironments.org/2021/10/27/tracing-the-ecological-crisis-along-the-u-s-mexico-border-to-national-security-policy/>

Joseph, C., and K. Thomas. 2021. It’s Time to Decolonize the Great Lakes. *Edge Effects*.  
<https://edgeeffects.net/indigenous-water-governance/>

Jang, H. and K. Thomas. 2021. On Being Loved to Death: The Tourism, Black Pig and Groundwater Nexus on Jeju Island. *Undisciplined Environments*.  
<https://undisciplinedenvironments.org/2021/09/14/on-being-loved-to-death-the-tourism-black-pig-and-groundwater-nexus-on-jeju-island/>

Thomas, K. 2019. Putting climate change in its place. *Environmental Scientist*. 28(4): 10–13. <https://www.the-ies.org/resources/reframing-and-responding>

Thomas, K. 2019. Shifting deltas: Multi-sited fieldwork in Bangladesh and Viet Nam. Center for American Overseas Research Centers. <https://www.caorc.org/single-post/2019/04/18/Shifting-Deltas-Multi-sited-Fieldwork-in-Bangladesh-and-Viet-Nam>

Thomas, K. 2019. Causes of unequal climate change vulnerability. *Advanced Science News*. <https://www.advancedsciencenews.com/causes-of-unequal-climate-change-vulnerability/>

Thomas, K. 2017. Is India sharing the Ganga's water fairly? *The Third Pole*. <https://www.thethirdpole.net/2017/08/18/is-india-sharing-the-gangas-water-fairly/>

### **Media coverage**

Sadegh, M., J. Abatzoglou, M.R. Alizadeh. 2022, February 10. Heat waves hit the poor hardest – a new study calculates the rising impact on those least able to adapt to the warming climate. *The Conversation*. <https://theconversation.com/heat-waves-hit-the-poor-hardest-a-new-study-calculates-the-rising-impact-on-those-least-able-to-adapt-to-the-warming-climate-175224>

Tormos-Aponte, F., G. García-López, and M.A. Painter. 2021. Hurricanes may not discriminate, but governments and utility companies do, our research finds. *The Washington Post*. <https://www.washingtonpost.com/politics/2021/09/23/hurricanes-may-not-discriminate-governments-utility-companies-do-our-research-finds/>

Tabil, S. 2020, February 25. A failure lurking beneath our development. *The Dhaka Tribune*. <https://www.dhakatribune.com/opinion/op-ed/2020/02/25/a-failure-lurking-beneath-our-development>

### **INVITED LECTURES**

Accumulation by adaptation. Department of Environmental Sciences. Emory University, Atlanta. Fall 2024 (date TBD).

Rivers, borders, and other spaces of [in]security. Ganges-Brahmaputra Transboundary River Water Webinar Series. Samueli School of Engineering. University of California, Los Angeles. 26 March 2024. Virtual event.

Casualty, accomplice, culprit: The many roles of rivers in Asia's changing climate. Department of Environmental Studies Lecture Series. Ashoka University. 15 February 2024. Virtual event.

Infrastructural violence, fast and slow. University of Oslo. 15 December 2023. Oslo, Norway.

Intersectional vulnerability. Sustainability Hub Seminar. Norwegian University of Life Sciences. 14 December 2023. Ås, Norway.

Taking climate vulnerability to market. Asia in Depth Seminar Series. Georgetown University. 16 November 2023. Washington, D.C.

Buying into adaptation: Agrarian commodities as climate fix. Graduate School of Asian and African Area Studies Seminar Series. University of Kyoto. 23 June 2023. Kyoto, Japan.

Engineering Environmental Justice. Environmental Chemistry and Microbiology Student Symposium. Penn State University. 15 April 2023. University Park, PA. Keynote address.

The Dirty Business of Climate Change Adaptation. Association of Interdisciplinary Studies. Temple University. University of California at Berkeley. 6 April 2023. Philadelphia, PA.

The Immanent Violence of Infrastructure. Alive and Infrastructured: Interdisciplinary Perspectives on Rivers. 8 February 2023. Virtual event.

Environmental Hazards and Vulnerability in Asian Deltas. Fulbright Alumbus Documentary Lecture. Can Tho University. 4 November 2022. Can Tho, Vietnam.

Climate justice: Challenges and Prospects. Global Solutions Lab. Chestnut Hill College. 15 June 2022. Virtual event.

Climate Change and Western Imperialism. Association of Interdisciplinary Studies. Temple University. 8 March 2022. Philadelphia, PA.

Compelled to compete: Rendering climate change vulnerability investable. Development Geographies Specialty Group/German Development Institute seminar series. 13 January 2022. Virtual event.

The Unbearable Whiteness of Adaptation to Climate Change. Center for Climate Justice. University of California. 5 November 2021. Virtual event.

Adapting to Delta Plans: Climate change, infrastructure, and subject formation in the Vietnamese Mekong Delta. International Research Institute for Climate and Society. Columbia University. 1 June 2021. Virtual event.

Deltas of change. Pardee Keynote Symposium. Geological Society of America Annual Meeting. 29 October 2020. Virtual event.

Tracing the cracks in climate fragility logics. Department of Geography. Portland State University. 27 November 2019. Portland, OR.

Weaponizing vulnerability to climate change. Center for the Humanities at Temple Climate Speaker Series. Temple University. 14 November 2019. Philadelphia, PA.

Salt, Sweet, Acid, Heat: Recipes for disaster in the Mekong Delta. Department of Geography and the Environment seminar series. Villanova University. 24 October 2019. Villanova, PA.

Capitalizing on climate change in the Mekong Delta. Northwest Power and Conservation Council. 21 November 2018. Portland, OR.

Private interests in the public good: Financing climate change adaptation in the Mekong Delta. Department of Geography and Environment seminar series. University of Hawai'i. 15 November 2018. Honolulu, HI.

Business as usual: The unchanging climate of development in Vietnam. Center for Southeast Asian Studies Colloquium. Kyoto University. 25 October 2018. Kyoto, Japan.

Sweating the small stuff: A One Health journey from microbes to microplastics. One Health Committee Lecture. Penn State University. 1 October 2018. University Park, PA. Webinar.

Streams of consciousness: A political ecology of hazards and development in the Ganges and Mekong Deltas. Department of Geography. Dartmouth College. 23 February 2018. Hanover, NH.

Troubled waters: Politics, power, and profit in two Asian river basins. Environmental Studies. Bryn Mawr College. 29 November 2017. Bryn Mawr, PA.

Locating the border in transboundary river governance. Water Security Research Centre. University of East Anglia. 20 November 2017. Norwich, UK.

International river or river-border complex? The Geopolitics of Water Symposium. Drexel University. 19 July 2017. Philadelphia, PA.

The business of climate change: Adaptation finance in Vietnam and Bangladesh. Weatherhead East Asian Institute. Columbia University. 24 March 2017. New York City, NY.

Fluid problems, fixed solutions: Water policy and environmental justice in South and Southeast Asia. Environmental Studies. Franklin & Marshall College. 10 November 2016. Lancaster, PA.

Hydrological crises in Bangladesh: Does conventional wisdom hold water? Asian Studies Program Lecture Series. University of Delaware. 12 April 2016. Newark, DE.

Shifting Regimes of Water Rights. Globalization TrendLab Preconference Workshop. University of Pennsylvania. 22 March 2016. Philadelphia, PA.

Floodwater management in Bangladesh: A cautionary tale. Keynote address for Model United Nations Conference on Water. University of Pennsylvania. 18 January 2016. Philadelphia, PA.

Water: A Human Right. Student Sustainability Association at Penn Element Series. University of Pennsylvania. 23 November 2015. Philadelphia, PA.

Of dirges and deluges: Instrument-effects of development in Bangladesh. Center for South Asia Lecture Series. University of Wisconsin. 19 February 2015. Madison, WI.

Trash talk: Marine debris in the Pacific Ocean. Featured speaker at the Surfrider Foundation Executive Committee Meeting. 19 May 2009. Honolulu, HI.

Trash talk: Marine debris in the Pacific Ocean. Featured speaker at the Hawaii Water Environment Association Quarterly Luncheon. 28 January 2009. Honolulu, HI.

## **INVITED PRESENTATIONS AND INTERVIEWS**

Unpacking the intersecting inequalities that contribute to vulnerability in the context of the climate change crisis. Towards integrated climate change resilience in the Vietnamese Mekong Delta Symposium. Can Tho University. 12 December 2023. Can Tho, Vietnam. Hybrid event.

Competing to adapt to climate change in the Vietnamese Mekong Delta. Thinking Material Workshop. Kyushu University. 18 September 2021. Virtual event.

Finance and Equity in Climate Programming. Environmental and Natural Resource Management Roundtable. USAID. 13 July 2021. Virtual event.

Financing Just Transitions During a Time of Climate Catastrophe? A Decolonial Imperative. Environmental and Natural Resource Management Seminar Series. USAID. 5 May 2021. Virtual event.

Looking backward to move forward: Historicizing climate disaster risk in Asia. Human Response to Disaster in Southeast Asia. Kyoto University. 14–15 January 2019. Kyoto, Japan.

Bordering non-water flows: Explaining upstream-downstream power asymmetries in the Ganges Basin. Association of American Geographers Meeting. 29 April–2 May 2016. San Francisco, CA.

Mobilizing Transnational Actors. Water: Scarcity, Excess, and the Geopolitics of Allocation. Globalization TrendLab. University of Pennsylvania. 23–24 March 2016. Philadelphia, PA.

Farming out responsibility: Human rights and injustice in Bangladesh's shrimp industry. A New Politics of Human Rights: Rethinking Violence, Health, Land and Water in the Twenty-First Century. University of Wisconsin. 6–7 November 2015. Madison, WI.

Research Through the Ages: The C-MORE Scholars Program and Cascadia Research. Interview with Carlie Wiener, Hawaii's Tomorrow 760AM. 29 January 2014. Honolulu, HI.

Lessons from our litter: Marine debris in the classroom. 17th Annual Hawaii Conservation Conference. 28–30 July 2009. Honolulu, HI.

Scientists launch new investigation in Pacific plastic patch. Interview with Barbara Heggen, Radio Australia. 21 August 2008.

Population genetics, larval dispersal, and demographic connectivity in marine systems. 16<sup>th</sup> Annual Hawaii Conservation Conference. 29–31 July 2008. Honolulu, HI.

Population genetics, larval dispersal, and demographic connectivity in marine systems. 11<sup>th</sup> International Coral Reef Symposium. 7–11 July 2008. Fort Lauderdale, FL.

## **CONFERENCE PARTICIPATION**

### **Workshop Participation**

Reflections on extraction. Dimensions of Political Ecology Conference. 22–24 February 2024. Lexington, KY. Panelist.

Agribusiness and Environmental Conflicts. Dimensions of Political Ecology Conference. 22–24 February 2024. Lexington, KY. Discussant.

Neoliberal Natures: Market Environmentalism and Abolition Ecologies in the Anthropocene Symposium. Princeton University. 8 December 2023. Princeton, NJ. Panelist.

Vulnerability Beyond Indicators. Concordia University. 1 October 2023. Montreal, QB.

Understanding adaptation as labor: Implications for critical climate research. 23–27 March 2023. American Association of Geographers Annual Meeting. Denver, CO. Panelist.

Land Technologies: Interrogating Tools of Governance in the Colonial Present. Cornell University. 8–12 August 2022. Ithaca, NY.

Linking climate actions with more just development. 25 February – 1 March 2022. American Association of Geographers Annual Meeting. New York City, NY. Panelist.

Natural borders and the contradictions of containment. Third Annual Conference on International Borders in a Globalizing World. Perry World House. 29–30 April 2021. Philadelphia, PA. Presenter.

Inter-Asia Academy: Integration and Disintegration. Ecologies cluster. 15–28 February 2021. Social Science Research Council. Co-leader with Britt Crow-Miller.



Ordering the Anthropocene: Law & Environment in the Indian Ocean World. 4 October 2019. Drexel University, Philadelphia. Presenter.

Blue Collar Geographers. 3 April 2019. American Association of Geographers Annual Meeting. Washington, DC. Panelist.

Connectivity and 'Cartographic Anxieties': Territory, borders, and geopolitics in 'Zomia' Asia. 1 October 2018. Graduate School of Asian and African Studies. Kyoto University, Kyoto. Presenter.

Japan-ASEAN Platform on Transdisciplinary Studies. 10 July 2018. Kyoto University, Kyoto. Discussant.

Climate Finance Architecture - Enhancing collaboration, seizing opportunities. Forum of the United Nations Standing Committee on Climate Finance. 5–6 July 2018. Songdo Convensia, Songdo. Observer with the Research and Independent Non-governmental Organizations (RINGO) Delegation.

Green Infrastructure? A Symposium on the Technologies of Nature and the Nature of Technologies. 10 May 2018. University of Pennsylvania, Philadelphia. Discussant.

Rising to Coastal Challenges: Social Science Perspectives on Research Needs for Responding to Rising Seas. 6 December 2017. National Academies of Sciences, Engineering, and Medicine, Washington, D.C. Invited participant.

Fiji 2017 United Nations climate change conference (COP 23). 13–17 November 2017. World Conference Center, Bonn. Observer with the American Association of Geographers Delegation.

Social Science Perspectives on Climate Change. United States Global Change Research Program Workshop. 8–10 March 2017. NASA Headquarters, Washington D.C. Invited participant.

Asia Symposium: Vulnerability, Security, and Environmental Risk. Association of American Geographers Annual Meeting. 29 April–2 May 2016. San Francisco. Discussant.

Water: Scarcity, Excess, and the Geopolitics of Allocation. 23–24 March 2016. University of Pennsylvania, Philadelphia. Panelist.

Land, Water and the Environment: The Politics of Rights. 7–8 November 2014. University of Wisconsin, Madison. Panelist.

Fifth Annual Upper Midwest Nature-Society Workshop. 11–12 October 2014. University of Minnesota, Minneapolis. Presenter.

Counting our gains: Sharing experiences on identifying, assessing and communicating the benefits of transboundary water cooperation. 22–23 May 2014. United Nations, Geneva. Participant.

The Seventh International Workshop on Hydro-Hegemony: Contesting Hegemony. 10–11 May 2014. University of East Anglia, London. Panelist.

Sha-ken Social Science Dissertation Workshop. 4 April 2013. University of Tokyo, Tokyo. Presenter.

## **Panels Organized**

Transformative adaptation: Navigating between rhetoric and reality. Adaptation Futures Conference. 2–6 October 2023. Montreal, QC.

Scientific knowledge and expertise in contemporary Southeast Asian rural development. Association for Asian Studies Conference. 24–27 March 2022. Honolulu, HI. Co-organized with Jenny Goldstein.

Liberalism's limits for climate justice. American Association of Geographers Annual Meeting. 25 February–1 March 2022. New York City, NY. Co-organized with Kevon Rhiney.

Conceptualizing Climate Displacement in an Agrarian World Already on the Move. American Association of Geographers Annual Meeting. 25 February–1 March 2022. New York City, NY. Co-organized with Lisa Kelley and Annie Shattuck.

What makes climate change colonial...and how can it be addressed as such? Global Studies webinar. 11 March 2021. Temple University, Philadelphia, PA. Webinar.

[Re]producing and weaponizing vulnerability to climate change. American Association of Geographers Annual Meeting. 6–10 April 2020. Denver, CO. Co-organized with Ben Warner.

Prospects and pitfalls of transboundary climate change responses. An expert workshop on climate change adaptation. Kyoto University IPCC Week 2019. 7 May 2019. Kyoto University, Kyoto.

Linkage and Disjuncture: Rural-urban connectivity and livelihood change in Viet Nam. Center for Southeast Asian Studies Seminar. 24 April 2019. Kyoto University, Kyoto.

Re-envisioning “sustainable” deltas through critical physical geography. American Association of Geographers Annual Meeting. 10–14 April 2018. New Orleans, LA. Co-organized with Kimberly Rogers.

Bounding Space: Natural resources, borders, and state formation in Asia. Association for Asian Studies Conference. 26–29 March 2015. Chicago, IL.

Political Ecologies of Resolution: Assumptions, Policies, and Unintended Consequences. Association of American Geographers Annual Meeting. 24–28 February 2012. New York City, NY. Co-organized with Kathleen O'Reilly.

Climate Change, Equity, and Social Justice in South Asia. Mid-Atlantic Region Association for Asian Studies Annual Conference. 21–23 October 2011. Princeton, NJ.

### **Papers Presented**

Making Transformative Adaptation Fit for Purpose. Adaptation Futures Conference. 2–6 October 2023. Montreal, QC.

Defetishizing the adaptive commodity. American Association of Geographers Annual Meeting. 23–27 March 2023. Denver, CO.

Climate change adaptation as disaster colonialism. 2<sup>nd</sup> World Forum on Climate Justice. 21–23 September 2021. Virtual event.

Competing to adapt: The biopolitics of climate finance in Southeast Asia. Climate Change Adaptation Finance: Normative and Empirical Perspectives. 6–7 September 2021. Virtual event.

Cumulative socio-natural displacements: Reconceptualizing climate displacements in a world already on the move. 8<sup>th</sup> EUGEO Congress on the Geography of Europe. 28 June–1 July 2021. Virtual event.

Natural borders and the contradictions of containment. Third Annual Conference on International Borders in a Globalizing World. Perry World House. 29–30 April 2021. Philadelphia, PA.

Competing to adapt: The biopolitics of climate finance in Southeast Asia. American Association of Geographers Annual Meeting. 7–11 April 2021. Virtual event.

River borders and securitizing infrastructures in South Asia. Ordering the Anthropocene: Law & Environment in the Indian Ocean World. 4 October 2019. Drexel University, Philadelphia.

Should they stay or should they go? Land-use, livelihood, and demographic change in southern Viet Nam. Center for Southeast Asian Studies Seminar. 24 April 2019. Kyoto University, Kyoto.

Perfect environments for investment: disaster capitalism and climate change in Vietnam and Bangladesh. American Association of Geographers Annual Meeting. 3–7 April 2019. Washington, DC.

River borders and securitizing infrastructures in South Asia. Political Geography Specialty Group Preconference. 9 April 2018. New Orleans, LA.

The Ghost of Climates Past: Shifted baselines of disaster mitigation in Vietnam and Bangladesh. Association for Asian Studies Conference. 22–25 March 2018. Washington, DC.

Denaturing state borders: Floating fences, fugitive resources, and river flows in South Asia. 24<sup>th</sup> Annual Critical Geography Conference. 27–28 October 2017. University Park, PA.

Foreign investment in Vietnam's water sector: Lessons from Bangladesh. The 12<sup>th</sup> International Symposium on Southeast Asian Water Environment. 28–30 November 2016. Hanoi.

Dying for development: Foreign aid, flood control, and food production in Bangladesh. Association of American Geographers Annual Meeting. 21–25 April 2015. Chicago, IL.

Fault Lines: Rivers and borders in the formation of the South Asian state. Association for Asian Studies Conference. 26–29 March 2015. Chicago, IL.

Undercurrents: Non-water flows along a transboundary river. 43<sup>rd</sup> Annual Conference on South Asia. 16–19 October 2014. Madison, WI.

The costs of cooperation: Transboundary negotiations and international transactions in South Asia. Political Geography and the Environment, a meeting of the International Geographical Union Commission on Political Geography. 19–20 June 2014. Eugene, OR.

Undercurrents: Non-water flows along a transboundary river. Dimensions of Political Ecology Conference. 27 February–1 March 2014. Lexington, KY.

Beyond Treaties: 'International' River Governance in South Asia. Water and Waste Conference: The Future of Water and Sanitation in India. 7–9 February 2013. New Brunswick, NJ.

Water Under the Bridge? International Resource Conflict and Post-Treaty Dynamics in South Asia. Association of American Geographers Annual Meeting. 24–28 February 2012. New York City, NY.

Negotiating Water Equity in South Asia. Mid-Atlantic Region Association for Asian Studies Annual Conference. 21–23 October 2011. Princeton, NJ. Panel Chair.

Transport of marine debris by surface ocean currents. National Marine Educators Association Annual Conference. 29 June–3 July 2009. Asilomar, CA.

## **PUBLIC OUTREACH**

Discipline and Disobedience in Youth Climate Activism. Teen Leadership Institute. 20 March 2021. Links, Inc. Virtual event.

What makes climate change colonial...and how can it be addressed as such? Global Studies webinar. 11 March 2021. Temple University, Philadelphia, PA.

International water conflicts. Online interview. *The Curious Geographer*. 4 June 2020. <https://www.youtube.com/watch?v=fJIL8m03r6E>

Climate Justice Public Forum: The Consequences of a Changing Climate on Communities Around the World. 30 October 2017. Pennsylvania State University, University Park.

Gearing Up for the People's Climate March. A public teach-in. 28 April 2017. World Resources Institute, Washington D.C. <http://www.wri.org/events/2017/04/gearing-peoples-climate-march>

DataRefuge efforts featured on *The Daily Show*. 9 March 2017. <http://www.cc.com/video-clips/9n7n5i/the-daily-show-with-trevor-noah-canada-holds-on-to-u-s--climate-data-for-a-bit>

Riparian Organism Personality Quiz. An interactive digital installation about river ecology. Ongoing since February 2017. The Mussel Hatchery at Fairmount Water Works, Philadelphia. <http://fairmountwaterworks.org/freshwater-mussel-hatchery/>

Humanizing Data: Climate and Environmental Research and Environmental Justice. A public teach-in organized by #DataRescuePhilly. 13 January 2017. University of Pennsylvania, Philadelphia.

Survey of Underwater Plastic and Ecosystem Response (SUPER). A mini-documentary about the 2008 SUPER Cruise by the Center for Microbial Oceanography: Research and Education. Available from 2009. University of Hawaii, Honolulu. <https://vimeo.com/3724896>

## **PROFESSIONAL SERVICE**

### **Peer Reviewer**

*Annals of the American Association of Geographers*

*Political Geography*

*Climate and Development*

*National Science Foundation*

*National Endowment for the Humanities*

*Proceedings of the National Academy of Sciences*

*UK Economic and Social Research Council*

*European Research Council*

*Austrian Science Fund*

*Journal of Peasant Studies*

*Geopolitics*

*Area*

*Wiley Interdisciplinary Reviews: Climate Change*  
*The Professional Geographer*  
*Ecography*  
*Human Geography*  
*Water International*  
*Regional Environmental Change*  
*Delaware Sea Grant*  
*Journal of the History of International Law*  
*International Politics*  
*Asia Pacific Viewpoint*  
*South Asia: Journal of South Asian Studies*  
*South Asia Journal*  
*Mitigation and Adaptation Strategies for Global Change*  
*Social Science and Medicine*  
*Ecological Restoration*  
*Atmospheric and Climate Sciences*  
*Council of American Overseas Research Centers*

### **University Service**

<i>Graduate Chair</i> – Temple University, Pennsylvania.	2023–
<i>Nature-Society Workshop Organizer</i> – Temple University, Pennsylvania.	2023
<i>Undergraduate Research Supervisor</i> – Temple University, Pennsylvania.	2020
<i>Undergraduate Research Supervisor</i> – Penn State University, Pennsylvania.	2018
<i>Undergraduate Geography Student Mentor</i> – University of Wisconsin, Wisconsin.	2014–2015
<i>Undergraduate Student Research Mentor</i> – Rutgers University, New Jersey.	2012
<i>Professional Development Forum Coordinator</i> – Rutgers University, New Jersey.	2012
<i>Energy Auditor</i> – Hamilton Library, University of Hawaii, Hawaii.	2008
<i>Moderator</i> – Aloha Bowl. University of Hawaii, Hawaii.	2006, 2007, 2008, 2010

### **External Service**

<i>Fellowships Panel Reviewer</i> – Council of American Overseas Research Centers, DC.	2023
<i>PGSG Faculty Board Member</i> – American Association of Geographers, DC.	2021–2023
<i>Fellowships Panel Reviewer</i> – National Endowment for the Humanities, DC.	2021
<i>Inter-Asia Academy Ecologies Cluster Co-Lead</i> – Social Science Research Council, DC.	2021
<i>CAPE Chair</i> – American Association of Geographers, DC.	2018–2020
<i>CAPE Councilor At-Large</i> – American Association of Geographers, DC.	2016–2018
<i>Social Sciences and Sea Level Framing Meeting</i> – National Academies, DC.	2017
<i>Volunteer Fundraiser</i> – Bread & Roses Community Fund, Pennsylvania.	2017
<i>Editorial Board Member</i> – Journal of Gender and Water, Pennsylvania.	2016–2017
<i>Editorial Associate</i> – South Asia Journal, Dhaka, Bangladesh.	2012–2013
<i>Fund Raising Volunteer</i> – Hawaii Public Radio, Hawaii.	2008–2010
<i>Board Member</i> – Hawaii Ultimate Frisbee Association, Hawaii.	2006–2009
<i>Web News Editor</i> – Vancouver Aquarium, British Columbia.	2003–2004

### **STUDENT ADVISING**

#### **Advisor**

Caitlin Joseph – PhD Geography and Urban Studies, Temple University	2022–
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### **Committee Member**

Jeronimo Rodriguez – PhD Geography and Urban Studies, Temple University	2020–
Victoria Sarmiento - PhD Geography and Urban Studies, Temple University	2022–
Austin Martin – PhD Geography and Urban Studies, Temple University	2022–

### **Capstone Advisor**

Jillian Weitkamp – PSM Geography and Urban Studies, Temple University	2020
Abu Bakarr Foray-Musa – PSM Geography and Urban Studies, Temple University	2020

### **Graduated**

Hanbyeol Jang – PhD Geography and Urban Studies, Temple University (chair)	2019–2024
Matthew Marcus – PhD Geography and Urban Studies, Temple University (member)	2020–2023
Sarah Heck – PhD Geography and Urban Studies, Temple University (committee member)	2023
Ramzi Tubbeh – PhD Geography, Penn State University (external member)	2017–2022
Phan Ky Trung – MA Water Res. Mgt., University of Southampton (external mentor)	2019–2020
Denise Forrest – MA Environmental Studies, University of Pennsylvania	2016–2018
Ruchi Patel – MA Geography, Penn State University (committee member)	2018

### **PROFESSIONAL AFFILIATION**

American Association of Geographers	since September 2011
Association for Asian Studies	since June 2011
American Association of University Women	2013–2023
Political Ecology Society	2018–2020
American Institute of Bangladesh Studies	2012–2018