

Mook Bangalore

Pennsylvania State University • School of Public Policy

208H Hammond Building • University Park, PA 16802

mook@psu.edu • [Google Scholar](#) • [Personal Website](#)

ACADEMIC EMPLOYMENT

- 2024 – Assistant Professor of Public Policy, School of Public Policy, Pennsylvania State University
- 2023-2024 Postdoctoral Researcher, Environmental Markets Lab, University of California – Santa Barbara & High Meadows Environmental Institute, Princeton University (joint position)

EDUCATION

- 2023 Ph.D. in Environmental Policy and Development, The London School of Economics and Political Science
M.Phil. in Environmental Policy and Development, The London School of Economics and Political Science
- 2013 M.Sc. in Environment and Development, The London School of Economics and Political Science
- 2012 B.S. in Environmental Policy (summa cum laude), minor in Economics, minor in Psychology, Rutgers University

PROFESSIONAL EXPERIENCE

- 2026 – Faculty Affiliate, Rock Ethics Institute, Pennsylvania State University
- 2025 – Faculty Affiliate, Social Science Research Institute, Pennsylvania State University
- 2024 – Faculty Associate, Population Research Institute, Pennsylvania State University
- 2024 – Co-funded Faculty, Institute of Energy and the Environment, Pennsylvania State University
- 2024 – Affiliate, Environmental Markets Lab, University of California – Santa Barbara
- 2014-2017 Research Assistant, The World Bank Group

RESEARCH INTERESTS

Social Consequences of Environmental Change • Water • Environmental Policy

PAPERS AND PUBLICATIONS

⁺ *Student co-author*

Working Papers

“Measuring exposure and vulnerability to Nigeria’s 2012 floods: Views from the ground and views from the sky” with T. McDermott, & P. Biscaye (*Revisions submitted at Spatial Demography*)

“Corporations disproportionately buy offsets from projects with limited climate benefits in India’s Voluntary Carbon Market” with M. Alfare, G. Trencher, A. Chattha⁺, R. Ghosh, & S. McDermid (*Under review*)

Selected Works in Progress

“Measuring flood exposure: A comparison of methods and application to Nigeria” with P. Biscaye, A. Sarkar⁺, E. Stacy, J. Yi⁺, & D. Mahaman Sani⁺

“The impacts of electrification on paddy rice cultivation, water use, and greenhouse gas emissions in India” with D. McLaughlin, K. Baylis, A. Chattré, & R. Heilmayr

“Undernutrition among reproductive-age women in shock-affected contexts” with B. Thiede, G. Meltzer, A. Akyildiz⁺, & S. Sauda⁺

“Remittances as climate risk buffers: Migration, in-place adaptation, and household well-being in rural Bangladesh” with J. Hwang, A. Pisor, & K. Aune

“The impacts of fuel conversion on households: An assessment of Indonesia’s Kerosene-to-LPG program in West Nusa Tenggara province”

Peer-Reviewed Journal Articles

2020 Heger, M., G. Zens, **M. Bangalore** (2020). “Land and poverty: the role of soil fertility and vegetation quality in poverty reduction”. *Environment and Development Economics* 25(4), 315-333.

S. Hallegatte, A. Vogt-Schlib, J. Rozenberg, **M. Bangalore**, C. Beaudet. (2020). “From poverty to disaster and back: a review of the literature”. *Economics of Disasters and Climate Change* 4(5), 1-25.

2019 **M. Bangalore**, A. Smith, T. Veldkamp. (2019). “Exposure to floods, climate change, and poverty in Vietnam”. *Economics of Disasters and Climate Change* 3, 79–99.

2018 S. Lloyd, **M. Bangalore**, Z. Chalabi, S. Kovats, S. Hallegatte, J. Rozenberg, H. Valin, P. Havlik. (2018). “A global-level model of the potential impacts of climate change on child stunting via income and food price in 2030” *Environmental Health Perspectives* 126(9), 097007.

Narloch, U. & **M. Bangalore**. (2018). “The multifaceted relationship between environmental risks and poverty: new insights from Vietnam”. *Environment and Development Economics* 23(3), 298-327.

Park, J., **M. Bangalore**, S. Hallegatte, and E. Sandhoefner. (2018). “Households and heat stress: Estimating the distributional consequences of climate change”. *Environment and Development Economics* 23(3), 349-368.

Winsemius, H., B. Jongman, T. Veldkamp, S. Hallegatte, **M. Bangalore**, and P. Ward. (2018). “Disaster risk, climate change, and poverty: assessing the global exposure of poor people to floods and droughts”. *Environment and Development Economics* 23(3), 328-348.

2016 **M. Bangalore**, G. Hochman, and D. Zilberman. (2016). “Policy incentives and adoption of agricultural anaerobic digestion: A survey of Europe and the United States”. *Renewable Energy* 97, 559-571.

Book Chapters

- 2017 Setzer, J. & **M. Bangalore**. (2017). "Regulating climate change in the courts". *Trends in climate change legislation*. Edited by Alina Averchenkova, Sam Fankhauser and Michal Nachmany.
- 2015 Hallegatte, S., **M. Bangalore**, L. Bonzanigo, M. Fay, T. Kane, U. Narloch, J. Rozenberg, D. Treguer, and A. Vogt-Schilb. "Poverty and climate change: Natural disasters, agricultural impacts and health shocks". (2015). Book chapter in *Towards a Workable and Effective Climate Regime*, edited by Scott Barrett, Carlo Carraro, and Jaime de Melo.
- Hallegatte, S., **M. Bangalore**, L. Bonzanigo, M. Fay, T. Kane, U. Narloch, J. Rozenberg, D. Treguer, and A. Vogt-Schilb. "Poverty and climate change". (2015). Book chapter in *The Economics of Climate-Resilient Development*, edited by Sam Fankhauser and Thomas K.J. McDermott.

Policy Reports

- 2018 J. Roy, P. Tschakert, H. Waisman, S. Halim, P. Antwi-Agyei, P. Dasgupta, B. Hayward, M. Kanninen, ... , **M. Bangalore**, ... et al. (2018). "Ch 5: Sustainable Development, Poverty and Inequalities. IPCC special report on the impacts of global warming of 1.5°C. Intergovernmental Panel on Climate Change.
- 2017 Hallegatte, S., A. Vogt-Schilb, **M. Bangalore**, and J. Rozenberg. (2017). "Unbreakable: Building the Resilience of the Poor in the Face of Natural Disasters". World Bank.
- 2016 Hallegatte, S., **M. Bangalore**, L. Bonzanigo, M. Fay, T. Kane, U. Narloch, J. Rozenberg, D. Treguer, and A. Vogt-Schilb. "Shock Waves: Managing the Impacts of Climate Change on Poverty". (2016). World Bank.
- 2015 Rozenberg, J., M. Simpson, L. Bonzanigo, **M. Bangalore**, and L. Prasanga. "Wetlands Conservation and Management: a New Model for Urban Resilience in Colombo". (2015). World Bank.

Blogs and Other Writing and Communication

- 2026 **M. Bangalore**, Spangler, K., & Patel, P. (2026). "Managing India's groundwater crisis". Pennsylvania State University Institute of Energy and the Environment Growing Impact Podcast <https://iee.psu.edu/news/podcast/growing-impact-managing-indias-groundwater-crisis>
- 2022 **M. Bangalore** (2022). "Making My Mind My Friend." SAMHIN Blogs <https://samhin.org/making-my-mind-my-friend/>
- 2021 **M. Bangalore** (2021). Lessons learned from 25 years of mental health challenges. <https://mookbangalore.com/lessons-learned-from-25-years-of-mental-health-challenges/>
- 2016 Hallegatte, S., **M. Bangalore**, & Jouanjean, M.-A. (2016). "Higher losses and slower development in the absence of disaster risk management interventions." *World Bank Policy Research Working Paper Series*
- Hallegatte, S., **M. Bangalore**, & Vogt-Schilb, A. (2016). "Socioeconomic Resilience: Multi-Hazard Estimates in 117 Countries." *World Bank Policy Research Working Paper Series*.

Hallegatte, S., & **M. Bangalore** (2016). "Transport Policies for Climate Change: The transformative role transport can play in mitigation and adaptation." *Transport & ICT Note #7 World Bank*

Hallegatte, S., **M. Bangalore**, & Vogt-Schilb, A. (2016). Designing Equitable Climate Change Mitigation Policies *Stanford Energy Journal (student-run journal)* (7)

2015 Hallegatte, S., **M. Bangalore**, & Nkoka, F. (2015). "Recent Floods in Malawi Hit the Poorest Areas: What This Implies." World Bank Blogs.
<https://blogs.worldbank.org/en/voices/recent-floods-malawi-hit-poorest-areas-what-implies>

Hallegatte, S., & **M. Bangalore** (2015). "To keep climate change from driving people into poverty, act now." Devex.
<https://www.devex.com/news/to-keep-climate-change-from-driving-people-into-poverty-act-now-87467>

Hallegatte, S., & **M. Bangalore** (2015). "Ideas Unbound: Shock Waves." World Bank Podcasts.

2014 Hallegatte, S., **M. Bangalore**, Bonzanigo, L., Fay, M., Narloch, U., Rozenberg, J., & Vogt-Schilb, A. (2014). "Climate Change and Poverty – An Analytical Framework." World Bank Policy Research Working Paper Series.

GRANTS

Internal Grants

2025-2026 Pennsylvania State University Institute of Energy and the Environment Seed Grant Principal Investigator: "Understanding community participation and decision-making processes for groundwater management in India" (\$40,000). Co-PI's: K. Spangler (Penn State) & P. Patel (IIT-Gandhinagar)

2025-2026 Pennsylvania State University Population Research Institute Climate Change and Health Seed Grant Principal Investigator: "Health and socio-economic impacts of dam releases in sub-Saharan Africa: Evaluating population impacts and supporting climate-resilient infrastructure management" (\$30,000)

2024-2026 Pennsylvania State University Center for Global Studies Global Social Science Research Impacts Grant Principal Investigator: "Understanding market barriers to the adoption of agricultural waste for brick production in Bihar, India" (\$4,500)

CONFERENCE AND SEMINAR PRESENTATIONS

2025 Penn State Water Conference; Penn State Social Dynamics of Environmental Change Working Group; Penn State Climate and Health Working Group; European Association of Environmental and Resource Economics Annual Conference; Social Cost of Water Pollution Workshop; Penn State Geography Seminar Series

2024 University of California – Santa Barbara EDGE Lab Seminar; Association of Environmental and Resource Economists Summer Conference; Penn State Millennium Café Seminar; Penn State Climate Justice Workshop; Penn State Energy Environment and Economics Policy Initiative Seminar; American Geophysical Union

2023 University of North Carolina – Chapel Hill Data Driven EnviroLab Seminar

- 2022** University of California – Santa Barbara Occasional Workshop in Environmental and Resource Economics; UK Government Climate and Energy Week (Online); University of Southern California Economics Seminar; Northeastern Agricultural and Resource Economics Association Annual Conference; Western Economics Association Annual Conference (Online)
- 2021** Online Agricultural and Resource Economics Seminar (Online); Online Summer Workshop in Environment, Energy, and Transportation (Online)
- 2018** OECD Trade and Development Seminar; Orléans Conference on Environmental Economics; World Congress of Environmental and Resource Economists
- 2017** European University Institute Annual Conference on the Economic Assessment of European Climate Policies

OTHER PROFESSIONAL WORKSHOPS

- 2024** Northeastern Agricultural and Resource Economics Association Career Advancement and Mentorship Program
- 2018** Penn State Summer School on Sustainable Climate Risk Management

TEACHING EXPERIENCE

Instructor of record

PPOL570: Seminar in Environmental Policy (Master’s and PhD), Pennsylvania State University

PUBPL481: Seminar in Environmental Policy (upper-level undergraduate), Pennsylvania State University

Career readiness

Convenor of “Policy and the Planet” seminar series housed in the College of Liberal Arts, which brought 20 guest speakers (in-person and virtually) across academia, government, NGOs, and thinktanks to provide career guidance to students

Guest lectures

Earth Science Seminar (Penn State); Environmental Engineering and Water Resources (Penn State); Resource Governance in Africa and the Global South (Penn State); Environment and Society (New York University); Environmental Economics and Policy (The London School of Economics and Political Science); Environmental Economics (Simon Fraser University)

Teaching assistant

ENVST-USA 101: Environment and Society (New York University)

STUDENTS MENTORED

Undergraduate Students

Amrik Chattha (University of Pennsylvania, 2029)

Jialu Yi (University of California – Berkeley, 2026)

Allison Collier (University of Missouri, 2026)

Masters Students

Azmery Hera (Pennsylvania State University, MPP 2026)
Emmanuel Kraft (Pennsylvania State University, MPP 2026)
Qiheng Wu (Pennsylvania State University, MPP 2026)
Yogitha Rajeswara (Pennsylvania State University, MBA 2026)
Jashvinu Yeshwanth (Pennsylvania State University, MBA 2026)
Ayan Sarkar (University of Chicago, MPP 2027)

PhD Students

Praharsh Patel (Pennsylvania State University, Energy, Environmental, and Food Economics, PhD, 2025)
Ishani Palandurkar (Pennsylvania State University, Energy, Environmental, and Food Economics, Committee Member)
Rida Hameed (American University, Economics Department)
Aminat Abdulsalam (Pennsylvania State University, Geosciences Department)
Samrin Sauda (Pennsylvania State University, Department of Geography)

FELLOWSHIPS, PRIZES, AND AWARDS

2026-27 Pennsylvania State University Rock Ethics Institute Faculty Fellowship and Maurice K. Goddard Chair Faculty Fellowship (\$7,500)
2025-26 Pennsylvania State University Social Science Research Institute Mentored Faculty Fellow (\$8,500). Mentors: B. Thiede & E. Pakhtigian
2016-2023 Grantham Foundation PhD Scholarship
2018 The London School of Economics and Political Science Conference Travel Award
2013 Best Master's Thesis Prize in Environment and Development, The London School of Economics and Political Science
2012 George Clark Academic Excellence and Service Award, Rutgers University; Alpha Zeta, Rutgers University

PROFESSIONAL SERVICE

External Service

2025 Panelist, Association of Environmental and Resource Economists event "Mind Matters: Managing stress, expectations, and health in graduate school"
2022- Co-founder and co-organizer, Mental Wellness Support Group for South Asian Youth, South Asian Mental Health Alliance and Network (SAMHIN)

Internal Service

2025- Undergraduate Studies Committee Member, School of Public Policy, Pennsylvania State University
2025- Keynote Presenter and Panelist, Pennsylvania State University Paul Robeson Cultural Center Asian Pacific-Islander and Desi American Caucus

- 2025** Presenter, Public Policy Student Association at Penn State Meeting on Environmental Policy
- 2025** Presenter, Pi Sigma Alpha Meeting on Environmental Policy
- 2024-** Diversity, Equity, Inclusion, and Belonging (DEIB) Committee Member, School of Public Policy, Pennsylvania State University
- 2024-** Diversity, Equity, Inclusion, and Belonging (DEIB) Committee Member, Institute of Energy and the Environment, Pennsylvania State University

Membership in Professional Organizations

Association of Environmental and Resource Economists; American Geophysical Union; Association for Public Policy Analysis and Management

Journal Reviewer

Water Resources Research, Nature Sustainability, Review of Environmental Economics and Policy

RELATED SKILLS

Computing

R; Stata; QGIS; ArcGIS; Google Earth Engine; Microsoft Office Suite; Wordpress

Field Work Organizational Experience

India; Nigeria

REFERENCES

Dr. Brian Thiede (Pennsylvania State University), Dr. Kathy Baylis (UCSB), Dr. Robert Heilmayr (UCSB), Dr. Charles Palmer (LSE), Dr. Sefi Roth (LSE), Dr. Stephane Hallegatte (World Bank)