

Dr. Mook Bangalore

Assistant Professor of Environmental Policy
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SUMMARY

My research explores how households across The Global South are affected by environmental change and the climate crisis. From August 2024, I will join the Penn State School of Public Policy as an Assistant Professor of Environmental Policy. My post-doctoral research (based at UC-Santa Barbara and Princeton University) examined the environmental implications of rice farming in India and the impacts of weather shocks across sub-Saharan Africa. I hold a PhD and MSc from the London School of Economics and a BS from Rutgers University. I previously worked in the Climate Group of The World Bank. My future goals include research of dam governance and environmental justice following floods, and I am currently designing a new course that explores the links between the climate crisis and mental health.

References: Dr. Kathy Baylis (UCSB), Dr. Charles Palmer (LSE), Dr. Stephane Hallegatte (World Bank), Dr. Robert Heilmayr (UCSB)

CURRENT POSITION

Assistant Professor, **Pennsylvania State University School of Public Policy** *August 2024-*

Post-doctoral Researcher, **UC-Santa Barbara and Princeton University** *October 2023-July 2024*

- Based at the Environmental Markets Lab at the University of California – Santa Barbara and funded through the High Meadows Environmental Institute at Princeton University
- My research explores the environmental impacts of rice farming in India, with a focus on water use and greenhouse gas emissions. Other projects examine the impacts of extreme flood events in sub-Saharan Africa.

EDUCATION

PhD, Environmental Policy and Development, London School of Economics *2016-2023*
Awards: Grantham Foundation PhD Scholarship (2016-2023)

- Research: Collaborated with The World Bank, OECD, and IPCC; Visiting stays at NYU and USC
- Teaching: Teaching Assistant for 40 undergraduate students (2 classes) for course in *Environment and Society* (Spring 2020, at NYU); Conducted guest lectures on climate change and poverty
- Mentorship: Supervised undergraduate research assistant (6 months), BSc and MSc theses
- Service: Founded and organized group to support mental health and well-being for PhD students

MSc, Environment and Development, London School of Economics *2012-13*
Awards: Distinction, Best Thesis Prize (2013)

BS, Environmental Policy and Economics, Rutgers University *2008-2012*
Awards: Summa cum laude, George Clark Academic Excellence and Service Award (2012), Alpha Zeta

JOURNAL ARTICLES

1. 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.
2. 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.

3. **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.
4. 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.
5. 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.
6. 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.
7. 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.
8. **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.

POLICY REPORTS

1. 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.
2. 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.
3. 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.
4. 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.

BOOK CHAPTERS

1. 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.
2. 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. Similar version published in *The Economics of Climate-Resilient Development*, edited by Sam Fankhauser and Tom McDermott.

WORKING PAPERS

1. Hallegatte, S., **M. Bangalore**, and A. Vogt-Schilb. (2016). “Socioeconomic Resilience: Multi-Hazard Estimates in 117 Countries”. World Bank Policy Research Working Paper 7886.
2. Hallegatte, S., **M. Bangalore**, and A. Vogt-Schilb. “Assessing socioeconomic resilience to floods in 90 countries”. (2016). World Bank Policy Research Working Paper 7663.
3. Hallegatte, S., **M. Bangalore**, and M.A. Jouanjean. “Higher losses and slower development in the absence of disaster risk management interventions”. (2016). World Bank Policy Research Working Paper 7632.

