# **Dr. Mook Bangalore**

Assistant Professor of Environmental Policy Pennsylvania State University

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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 subSaharan Africa.

# **EDUCATION**

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

2016-2023

- Research: Collaborated with The World Bank, OECD, and IPCC; Visiting stays at NYU and USC
- <u>Teaching</u>: 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** Awards: Distinction, Best Thesis Prize (2013)

2012-13

Awarus. Distiliction, 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.

4. Hallegatte, S., M. Bangalore, L. Bonzanigo, M. Fay, U. Narloch, J. Rozenberg, and A. Vogt-Schilb. "Climate Change and Poverty – An Analytical Framework". (2014). World Bank Policy Research Working Paper 7126.

# OTHER PUBLICATIONS

- 1. Hallegatte, S. and M. Bangalore. "Transport Policies for Climate Change: The transformative role transport can play in mitigation and adaptation". (2016). Transport & ICT Note #7. World Bank.
- 2. Hallegatte, S., M. Bangalore, and A. Vogt-Schilb. "Designing Equitable Climate Change Mitigation Policies". (2016). Stanford Energy Journal. Issue 7: Energy Equity.

# **MEDIA & OUTREACH**

# **Blog posts**

- 1. "Recent Floods in Malawi Hit the Poorest Areas: What This Implies" by S. Hallegatte, M. Bangalore, and F. Nkoka. World Bank Blogs. 2015.
- 2. "To keep climate change from driving people into poverty, act now" by S. Hallegatte and M. Bangalore. Devex. 2015.
- 3. "Lessons learned from 25 years of mental health challenges" by M.Bangalore. 2021. Personal website.
- 4. "Making my mind my friend" by M.Bangalore. 2022. South Asian Mental Health Alliance.

### **Podcast**

1. "Ideas Unbound: Shock Waves" by S. Hallegatte and M. Bangalore. 2015. World Bank.

# **Selected Presentations**

Western Economics Association Annual Conference (Online, August 2022), UK Government Climate and Energy Week (Online, May 2022), UCSB Occasional Workshop (Santa Barbara, USA, April 2022) Agricultural and Resource Economics Seminar (Online, September 2021), Summer Workshop on Environment, Energy, and Transportation (Online, August 2021)

TEACHING EXPERIENCE		
New York University	ENVST-UA 101 Environmental Studies	Spring 2020

# PROFESSIONAL EXPERIENCE

Research Assistant	World Bank, Climate Change Chief Economist Office & Policy Unit	2014-2017
Research Assistant	London School of Economics, Grantham Research Institute	2013-14
Research Assistant	Rutgers University, Department of Agricultural & Resource Economics	2012-13

### INTERNSHIPS / RESEARCH VISITS

Visiting PhD Student, USC, Dept. of Economics (Host: Prof Rob Metcalfe)	2022
Visiting PhD Student, NYU, Dept. of Environmental Studies (Host: Prof David Kanter)	2020
Intern, OECD, Economics/Environment Dept (Host: Dr Antoine Dechezleprêtre, Sr. Economist)	2017-18

# PROFESSIONAL SERVICE

**Reviewer:** Review of Environmental Economics and Policy (REEP)

# TECHNIAL SKILLS

Stata, R, QGIS, ArcGIS, Microsoft Office Suite, Wordpress

# **VOLUNTEERING**

#### **South Asian Mental Health Initiative and Network**

Co-founder and co-organizer, Mental Wellness Support Group for South Asian Youth