



PERSONAL INFORMATION

Shouro Dasgupta

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WORK EXPERIENCE

08/2013–Present

Scientist

Centro Euro-Mediterraneo sui Cambiamenti Climatici, Venezia (Italy)

- Climate change impacts on labour; food security; inequality; human health
- Applied econometrics
- Coupling high-resolution climate data with micro and sub-national socioeconomic data

04/2018–Present

Researcher

RFF-CMCC European Institute on Economics and the Environment, Venezia (Italy)

- Climate change impacts on inequality

05/2016–Present

Lecturer

Università Ca' Foscari Venezia, Venezia (Italy)

- Socioeconomic impacts of climate change (PhD – Spring 2021)
- Welfare state, regulations, and environment (Masters – Autumn 2020)

Student supervision

- Marta Ellena (PhD): Health impacts of climate change in urban areas: present and future heat stress in Mediterranean countries
- Irene Rao (Masters): Covid-19: Lockdown and breakdown: Global challenges, Italian responses, socio-psychological and economic impacts in Veneto

12/2016–11/2018

Research Fellow

Università Ca' Foscari Venezia, Venezia (Italy)

- Spatial econometric analysis of climate change impact on economic activity
- Computing optimal conditions for maximizing economic activity
- Statistical comparison of high-resolution data (Global Carbon Project, G-Econ, and Nighttime lights)
- Construction a high-resolution GDP indicator

09/2012–12/2017

Researcher

Fondazione Eni Enrico Mattei (FEEM), Venezia (Italy)

- Impact of climate change on agriculture and human health; role of institutions and governance in environmental policy adoption and environmental performance; climate change adaptation; socio-economic determinants of climatological disasters

08/2013–02/2014

Visiting Scholar

Boston University

- Climate change and influenza mortality in the USA using generalized additive model

02/2012–08/2012

Monitoring and Evaluation Consultant

International Finance Corporation (IFC), Dhaka (Bangladesh)

06/2011–01/2012 **Researcher**
 Centre for Policy Dialogue (CPD), Dhaka (Bangladesh)
 ▪ Democracy, Corruption and Economic Growth Nexus in Bangladesh - time series analysis

08/2010–05/2011 **Graduate Assistant**
 University of New Hampshire, Durham (United States)
 ▪ Assist faculty with teaching Macroeconomics and Microeconomics
 ▪ Grade exams and weekly assignments for 120 students in the class

EDUCATION AND TRAINING

09/2012–02/2016 **Doctor of Philosophy (PhD)**
 Università Ca' Foscari Venezia, Venezia (Italy) – February 2016
 ▪ Dissertation: *Essays on the Impact of Climate Change and Determinants of Climatological Damages*
 ▪ Focus: Investigate impacts of climate change using applied and spatial econometrics
 ▪ Supervisors: Professor Francesco Bosello and Professor Carlo Carraro

08/2010–05/2012 **Master of Arts in Economics**
 University of New Hampshire, Durham (United States) – May 2012
 ▪ Dissertation: *Impact of Climate Change on Crop Yields: A Quantile Regression Analysis*
 ▪ Focus: Climate change impacts on crop yields using non-parametric econometrics
 ▪ Supervisor: Professor Ju-Chin Huang

Bachelor of Science in Economics

Oklahoma City University, Oklahoma City (United States) – May 2010

PERSONAL SKILLS

Mother tongue(s) Bengali

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills
 ▪ Proposal writing for European (H2020) and international calls
 ▪ Italian Association of Environmental and Resources Economists Newsletter Editor

Job-related skills
 ▪ Applied econometrician
 ▪ Spatial analysis using high-resolution socioeconomic and climatic data
 ▪ Big data analysis

ADDITIONAL INFORMATION

Funding and Awards
 ▪ IAERE Young Environmental Economist Award 2017
 ▪ PhD Fellowship, Università Ca' Foscari Venezia, 2012 - 2015
 ▪ Masters Fellowship, University of New Hampshire, 2010 - 2011

Software Proficiency

- Stata (Expert user)
- R (Expert user)
- SAS (Intermediate user)
- GeoDa (Intermediate user)
- SPSS (Intermediate user)
- LaTeX (Expert user)
- Linux (Intermediate user)
- MS Office Suite (Expert user)

Fundraising

- IDAlert (Horizon Europe); Core team-member; 2022
- SEICA-NENA (FAO): Lead; 2019
- COACCH (H2020): Team-member; 2017
- CLARA (H2020): Team-member; 2017
- PECE (UNU-WIDER): Team-member; 2016

Publications

1. **Dasgupta, S.** and Robinson, E. J. Z. (2022). Impact of COVID-19 on food insecurity using multiple waves of high frequency household surveys. *Scientific Reports*, 12, 1865. <https://doi.org/10.1038/s41598-022-05664-3>.
2. **Dasgupta, S.** and Robinson, E. J. Z. (2021). Improving food policies for a climate insecure world: Evidence from Ethiopia. *National Institute Economic Review*, pp. 1–17. <https://doi.org/10.1017/nie.2021.35>.
3. Romanello, M., ... **Dasgupta, S.**, ..., Robinson, E.J.Z., Hamilton, I. (2021). The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. *The Lancet*. [https://doi.org/10.1016/S0140-6736\(21\)01787-6](https://doi.org/10.1016/S0140-6736(21)01787-6).
4. **Dasgupta S.**, Robinson, E.J.Z. (2021). Food Insecurity, Safety Nets, and Coping Strategies during the COVID-19 Pandemic: Multi-Country Evidence from Sub-Saharan Africa. *Int. J. Environ. Res. Public Health*, 18, 9997. <https://doi.org/10.3390/ijerph18199997>
5. **Dasgupta, S.**, van Maanen, N., Gosling, S.N., Piontek, F., Otto, C., Schleussner, C.-F. (2021). Effects of climate change on combined labour productivity and supply: an empirical, multi-model study. *The Lancet Planetary Health*, 5 (7), pp. e455-e465. DOI: 10.1016/S2542-5196(21)00170-4.
6. Schleypen, J., Mistry, M., Saeed, F., **Dasgupta, S.** (2021). Sharing the Burden: Quantifying Climate Change Spillovers in the European Union under the Paris Agreement. *Spatial Economic Analysis*, DOI: 10.1080/17421772.2021.1904150.
7. Watts, N., Amann, M., ... **Dasgupta, S.**, ... Montgomery, H., Costello, A. (2020). The 2020 report of The *Lancet* Countdown on health and climate change: responding to converging crises. *The Lancet*. [https://doi.org/10.1016/S0140-6736\(20\)32290-X](https://doi.org/10.1016/S0140-6736(20)32290-X).
8. Shayegh, S., Manoussi, V., **Dasgupta, S.** (2020). Climate change and development in South Africa: economic productivity and labor availability. *Climate and Development*. <https://doi.org/10.1080/17565529.2020.1857675>.
9. McMichael, C., **Dasgupta, S.** et al. (2020). A review of estimating population exposure to sea-level rise and the relevance for migration *Environ. Res.* <https://doi.org/10.1088/1748-9326/abb398>.
10. Yalew, S.G., **Dasgupta, S.** et al. (2020). Global trends in climate change impacts on the energy sector and the need for multi-model assessments. *Nature Energy*. <https://doi.org/10.1038/s41560-020-0664-z>.
11. Vesco, P., **Dasgupta, S.**, De Cian, E., Carraro, C. (2020). Natural Resources and Conflict: A Meta-analysis of the Empirical Literature. *Ecological Economics*. <https://doi.org/10.1016/j.ecolecon.2020.106633>.
12. Antonelli, C., Coromaldi, M., **Dasgupta, S.**, Emmerling, J., and Shayegh, S. (2020). Climate impacts on nutrition and labor supply disentangled – an analysis for rural areas of Uganda. *Environment and Development Economics*, doi:10.1017/S1355770X20000017.
13. Marzi, S., Farina, L., **Dasgupta, S.**, Mysiak, J., Lorenzoni, A. (2019). Competence analysis for promoting energy efficiency projects in developing countries: The case of OPEC. *Energy* (189), <https://doi.org/10.1016/j.energy.2019.115996>.
14. De Cian E., **Dasgupta, S.**, Hof A.F., Van Sluisveld M.A.E., Köhler J., Pfluger B., Van Vuuren D.P. (2018). Actors, decision-making, and institutions in quantitative system modelling. *Technological Forecasting and Social Change*. <https://doi.org/10.1016/j.techfore.2018.10.004>.
15. **Dasgupta, S.** and De Cian E. (2018). The influence of institutions, governance, and public opinion on the environment: Synthesized findings from applied econometrics studies.

- Energy Research & Social Science*. <https://doi.org/10.1016/j.erss.2018.05.023>.
16. **Dasgupta, S.** (2018). Burden of Climate Change on Malaria Mortality. *International Journal of Hygiene and Environmental Health*. <https://doi.org/10.1016/j.ijheh.2018.04.003>.
 17. **Dasgupta, S.**, De Cian, E., Verdolini, E. (2017). The political economy of energy innovation. In D. Arent, C. Arndt, M. Miller, F. Tarp, O. Zinaman (Eds.). *The political economy of clean energy transitions*. United Kingdom: Oxford University Press.
 18. **Dasgupta, S.** and De Cian, Enrica. (2016). Institutions and the Environment: Existing Evidence and Future Directions. FEEM Working Paper No. 41.2016. Available at SSRN: <http://ssrn.com/abstract=2800948>.
 19. **Dasgupta, S.**, De Cian, E., Verdolini, E. (2016). The political economy of energy innovation. 2016/17. Helsinki: UNU-WIDER. Available at <https://www.wider.unu.edu/publication/political-economy-energy-innovation>.
 20. **Dasgupta, S.** and Bosello, F. (2015). Development, Climate Change Adaptation, and Maladaptation: Some Econometric Evidence. FEEM Working Paper No. 97.2015. FEEM Note di Lavoro. Available at <http://dx.doi.org/10.2139/ssrn.2718007>.
 21. Bhattacharya, D., **Dasgupta, S.**, and Neethi, D. J. (2013). Does Democracy Impact Economic Growth? Exploring the Case of Bangladesh – A Cointegrated VAR Approach. CPD-CMI Working Paper 5. *CPD-CMI Working Paper Series*. Dhaka: Centre for Policy Dialogue (CPD). Available at: <http://cpd.org.bd/wp-content/uploads/2013/10/CPD-CMI-Working-Paper-5.pdf>
 22. Bhattacharya, D., **Dasgupta, S.**, & Neethi, D. J. (2012). Assessing the Impact of the Global Economic and Financial Crisis on Bangladesh: An Intervention Analysis, CPD. Working Paper 97. *CPD Working Paper Series*. Dhaka: Centre for Policy Dialogue (CPD). Available at: http://cpd.org.bd/pub_attach/WP97.pdf.
 23. Bhattacharya, D. and **Dasgupta, S.** (2012). Global Financial and Economic Crisis: Exploring the Resilience of The Least Developed Countries. *Journal of International Development*, 24: 673–685. doi: [10.1002/jid.2860](https://doi.org/10.1002/jid.2860).
 24. **Dasgupta, S.** (2013). Structural Adjustment Programs and Education Sectors in Developing Countries. *Journal of Developing Areas* (Forthcoming).
 25. **Dasgupta, S.** et al. (2010). The Global Financial Crisis and Developing Countries: Phase 2 Synthesis. Overseas Development Institute Working Paper 316. Available at: <http://www.odi.org.uk/resources/docs/5786.pdf>.
 26. **Dasgupta, S.**, Rahman, M., Khan, I.T., Iqbal, A. (2010). Global Financial Crisis Discussion Series Paper 12: Bangladesh Phase 2. London: Overseas Development Institute (ODI). Available at <http://www.odi.org.uk/resources/docs/5856.pdf>.

Affiliations and Memberships

- EAERE, European Association of Environmental and Resource Economists (2015 - Present)
- IAERE, Italian Association of Environmental and Resources Economists (2012 - Present)
- SISC, Società Italiana per le Scienze del Clima (2015 - Present)

February 2022, Venezia