

## 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, health
- Adaptation in labour impacts
- Applied econometrics using household surveys and sub-national data

02/2022–Present

**Visiting Fellow**

Grantham Research Institute on Climate Change and the Environment, LSE, London (UK)

- Climate change impacts on food security and health
- Adaptation in labour impacts

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**

- Nicolò Gebbani (PhD): Climate, food security, and conflicts (Università Ca' Foscari Venezia)
- Garima Jasuja (PhD): Climate change impacts on labour (Università Ca' Foscari Venezia)

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 council member (2022-)

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)

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. Romanello, M., ... **Dasgupta, S.**, ..., Robinson, E.J.Z., Costello, A. (2022). The 2022 report of the Lancet Countdown on health and climate change: health at the mercy of fossil fuels. *The Lancet*. [https://doi.org/10.1016/S0140-6736\(22\)01540-9](https://doi.org/10.1016/S0140-6736(22)01540-9).
2. van Daalen, K. R., ... **Dasgupta, S.**, ..., Robinson, E.J.Z., Lowe, R. (2022). The 2022 Europe report of the Lancet Countdown on health and climate change: towards a climate resilient future. *The Lancet Public Health*. [https://doi.org/10.1016/S2468-2667\(22\)00197-9](https://doi.org/10.1016/S2468-2667(22)00197-9).
3. Agudo-Domínguez, A., Pérez-Blanco, C. D., Gil-García, L., Ortega, J. A., **Dasgupta, S.** (2022). Climate-sensitive hydrological drought insurance for irrigated agriculture under deep uncertainty. Insightful results from the Cega River Basin in Spain. *Agricultural Water Management*, 274. <https://doi.org/10.1016/j.agwat.2022.107938>.
4. Shayegh, S., and **Dasgupta, S.** (2022). Climate change, labour availability and the future of gender inequality in South Africa. *Climate and Development*. <https://doi.org/10.1080/17565529.2022.2074349>.
5. Di Napoli, C., ... **Dasgupta, S.**, ... Robinson, E. J. Z. (2022). Tracking the impacts of climate change on human health via indicators: lessons from the Lancet Countdown. *BMC Public Health*, 22, 663. <https://doi.org/10.1186/s12889-022-13055-6>.
6. **Dasgupta, S.** and Robinson, E. J. Z. (2022). Attributing changes in food insecurity to a changing climate. *Scientific Reports*, 12, 4709. <https://doi.org/10.1038/s41598-022-08696-x>.
7. **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>.
8. **Dasgupta, S.** and Robinson, E. J. Z. (2021). Improving food policies for a climate insecure world: Evidence from Ethiopia. *National Institute Economic Review*, 258, 66–82. <https://doi.org/10.1017/nie.2021.35>.
9. 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).
10. **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>
11. **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. [https://doi.org/10.1016/S2542-5196\(21\)00170-4](https://doi.org/10.1016/S2542-5196(21)00170-4).
12. 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*, 17:1, 67-82, <https://doi.org/10.1080/17421772.2021.1904150>.
13. 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).
14. 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>.

15. 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>.
16. 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>.
17. 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>.
18. 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*, <https://doi.org/10.1017/S1355770X20000017>.
19. 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>.
20. 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 & Social Change.* <https://doi.org/10.1016/j.techfore.2018.10.004>.
21. **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>.
22. **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>.
23. **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.
24. 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. <https://doi.org/10.1002/jid.2860>.

#### 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)

October 2022, Venezia