

Curriculum Vitae

A.M. Tanvir Hussain, Ph.D.

Associate Professor, Department of Economics, East West University
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Professional Experience

- October 2022 – the present Director
Entrepreneurship Development Center (EDC), East West University
- May 2018 – the present Associate Professor
Department of Economics, East West University
- April 2015 – March 2018 Senior Researcher and Lecturer
Environmental Economics and Resource Management
University of Freiburg, Germany
Composition: Teaching (45%), Research (45%) and Administrative (10%)
- May 2013 – March 2015 Senior Researcher
Sustainability Economics Group
Leuphana University of Lüneburg, Germany
- July 2010 – March 2016 Assistant Professor (on leave since May 2013)
Department of Economics and Social Sciences
BRAC University, Bangladesh
- 2006 – 2008 Instructor, Department of Economics and Finance, University of Wyoming, USA
2003 – 2007 Teaching/Research Assistant, Department of Economics and Finance
University of Wyoming, USA
2002 – 2003 Teaching Assistant, Department of Economics
North South University, Bangladesh

Research Interests

- Biodiversity and ecosystem services; trade-offs in ecosystem services
- Insurance value of biodiversity and resilience in ecological-economic systems
- Environmental valuation; valuation under risk
- Economics of climate change

Project Reports

- **Hussain, A.M.T.**, and E. Bari. (2023). *Economic Valuation of Loss and Damage in the Crop Sector of Bangladesh*. Final report submitted to Oxfam in Bangladesh
- Haque, A.K.E., **A.M.T. Hussain**, and A. Siddica. (2023). *Impacts of Climate Change on Human Trafficking in Vulnerable Districts*. Economic assessment report for the Ashshash project submitted to Winrock International
- **Hussain, A.M.T.**, and A. Zaman. (2022). *Flood Recovery Emergency Assistance Project (FREAP)*. Review and Recommendation of the President to the Board of Directors (RRP) submitted to the Asian Development Bank
- Haque, A.K.E., **A.M.T. Hussain**, B.A. Mallik, E. Bari, and A. Siddica. (2022). *Development of the methodology for ecosystem valuation as contribution to the SCD/CPF, natural capital accounting and nature-based solutions*. Final report submitted to the World Bank
- Zaman, A., and **Hussain, A.M.T.** (2022). *Emergency Assistance Project – Additional Financing (EAP-AF)*. Project completion report (PCR) submitted to the Asian Development Bank
- **Hussain, A.M.T.**, A. Siddica, and E. Bari. (2021). *Developing an Alumni Profile for East West University*. EWCRT Working Paper 20. Dhaka. East West University Center for Research and Training
- Zaman, A., and **Hussain, A.M.T.** (2020). *Participatory Small Scale Water Resources Sector Project (PSSWRSP)*. Project completion report (PCR) submitted to the Asian Development Bank
- Baumgärtner, S., B. Huang and **A.M.T. Hussain**. (2017). *Sustainable Coastal Land Management: Trade-offs in Ecosystem Services (COMTESS)*. Final report submitted to the Federal Ministry of Education and Research (BMBF)
- Abdallah, W., S.M. Hashemi, B. Hassan, and **A.M.T. Hussain**. (2012). *Food Security for the Ultra Poor (FSUP) Second Annual Outcome Survey Report*. Final report submitted to the United Nations World Food Programme

Journal Publications

- Pal, R., P. Banerjee, P. Thakkar and **A.M.T. Hussain**. (2021). Green firm, brown environment. *The Manchester School* 90(2): 107-121
- **Hussain, A.M.T.** and J. Tschirhart. (2013). Economic/Ecological Tradeoffs among Ecosystem Services and Biodiversity Conservation. *Ecological Economics* 93:116-127
- **Hussain, A.M.T.** and J. Tschirhart. (2010). Optimal Harvest Licensing when Harvest Success is Uncertain. *American Journal of Agricultural Economics* 92:125-140

Working Papers

- Haque, A.K.E., **A.M.T. Hussain** and A. Siddica. (2023). Impact of Climate Disasters on Human Trafficking in Vulnerable Coastal Districts of Bangladesh
- Banerjee, P., K. Basu, D. Chakrabarti, S. Datta, **A.M.T. Hussain** and R. Pal. (2021). Bidding behavior in second-price, BDM, and random n^{th} -price auctions with interval private values. *Under review*

- **Hussain, A.M.T.**, B. Huang and S. Baumgärtner. (2017). Synthesizing economic values of COMTESS ecosystem services
- Baumgärtner, S., W. Chen and **A.M.T. Hussain**. (2016). Willingness to pay for environmental goods under uncertainty

Work in Progress

- Bidding behavior under value uncertainty (with P. Banerjee, D. Chakrabarti and R. Pal)
- Insurance value of land management scenarios under climate change (with S. Baumgärtner)
- Shadow-price valuation of multifunctional natural capital under different conceptions of sustainability (with S. Baumgärtner, M. Meyer and M. Quaas)

Conferences & Workshops Attended

- Invited to join the workshop on **Assessment of Investment Opportunities** (under the **“Developing a Strategic and Operational Plan for Coastal Greenbelt Zones in Bangladesh”** project) organized by CEGIS (online, April 2024)
- Attended the inception workshop **Economics of Forest Restoration as Carbon Mitigation and Nature-Based Solution** organized by the International Union for Conservation of Nature (IUCN, March 2024)
- Invited to join the consultation workshop **Material Footprint (MF) and Domestic Material Consumption (DMC)** organized by the Strengthening Environment, Climate Change and Disaster Statistics (ECDS) Project of the Bangladesh Bureau of Statistics (BBS, November 2023)
- “Shadow-price valuation of multifunctional natural capital under different conceptions of sustainability”. Paper presented at the **20th Annual BIOECON Conference – Land-use, Agriculture and Biodiversity: Spatial and Temporal Issues**, King’s College, Cambridge, UK (September 2018)
- “Shadow-price valuation of multifunctional natural capital under different conceptions of sustainability”. Paper presented at the **AURÖ Young Researchers Workshop “Environmental and Resource Economics”**, University of Osnabrück, Germany (February 2018)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Invited presentation at the **Laboratoire d’Economie Forestière**, Nancy, France (October 2017)
- “Shadow-price valuation of multifunctional natural capital under different conceptions of sustainability”. Paper presented at the **2017 World Conference on Natural Resource Modeling**, Barcelona, Spain (June 2017)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Paper presented at the **AURÖ Young Researchers Workshop “Environmental and Resource Economics”**, University of Basel, Switzerland (February 2017)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Poster presented at the **Foundations of Utility and Risk (FUR) Conference**, Warwick Manufacturing Group, University of Warwick, UK (June 2016)

- Attended the **22nd Annual Conference of the European Association of Environmental and Resource Economists**, Zürich, Switzerland (June 2016)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Invited presentation at the **Environmental and Resource Economics Workshop**, Department of Economics, University of Manchester, UK (May 2016)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Paper presented at the **Annual Meeting of the European Public Choice Society**, University of Freiburg, Germany (March/April 2016)
- “Insurance Value of Land Management Scenarios under Climate Change: Trade-offs between Ecosystem Services and between Stakeholder Groups”. Paper presented at **envecon 2016**, London, UK (March 2016)
- “Insurance Value of Land Management Scenarios under Climate Change: Trade-offs between Ecosystem Services and between Stakeholder Groups”. Poster presented at the **BMBF Sustainable Land Management Final Conference 2016**, Berlin, Germany (March 2016)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Paper presented at the **17th Annual BIOECON Conference – Experimental and Behavioral Economics and the Conservation of Biodiversity and Ecosystem Services**, Kings College, Cambridge, UK (September 2015)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Paper presented at the **21st Annual Conference of the European Association of Environmental and Resource Economists**, Helsinki, Finland (June 2015)
- “Insurance Value of Land Management Scenarios under Climate Change: Trade-offs between Ecosystem Services and between Stakeholder Groups”. Paper presented at **ISEE 2014: Well-being and Equity within Planetary Boundaries**, Reykjavik, Iceland (August 2014)
- “Willingness to Pay for Public Environmental Goods under Uncertainty”. Poster presented at the **Summer School in Sustainability Economics: Intergenerational Equity and Efficiency under Uncertainty**, Camp Reinsehlen, Germany (August 2014)
- Attended the **5th World Congress of Environmental and Resource Economists**, Istanbul, Turkey (June/July 2014)
- Attended the **Research and Writing Workshop in Environmental Economics and Policy**. Jointly organized by the South Asian Network for Development and Environmental Economists (SANDEE) and the Economics Research Group (ERG), Jamuna Resort, Tangail, Bangladesh (September 2011)
- “Optimal Harvesting when Harvesting Success is Uncertain”. Paper presented at the **84th Annual Conference of the Western Economic Association International**, Vancouver, B.C., Canada (June/July 2009)

Teaching Experience

1. East West University

- **Bachelors courses:** Introduction to Microeconomics, Intermediate Microeconomic Theory, Environmental and Resource Economics, Economic Valuation of the Environment, Economics of Information, Mathematical Economics, Industrial Organization
- **Masters courses:** Advanced Microeconomics, Resource and Environmental Economics, Mathematical Economics

2. University of Freiburg

Masters courses:

- Society & Economy, Scientific Framework for REM – Economics
 - for students in M.Sc. Renewable Energy Engineering and Management
 - topics covered in lectures and tutorials: (i) principles of economics, (ii) intermediate microeconomic theory, (iii) economics of energy markets, (iv) energy market risk analysis and management and (v) market failure and regulation
- Economy, Environment and Institutions
 - contributed lectures and tutorials on (i) intermediate microeconomic theory and (ii) market failure and environmental regulation
 - for students in M.Sc. Environmental Governance

Bachelors courses:

- conducted tutorials for the Economics of Biodiversity and Ecosystem Services course

3. BRAC University

- **Bachelors courses:** Introduction to Microeconomics, Intermediate Microeconomics, Microeconomic Analysis, Mathematics for Business and Economics, Mathematical Methods for Economics, Environmental and Resource Economics, Public Finance
- **Masters courses:** Microeconomic Theory and Applications, Resource and Environmental Economics

4. University of Wyoming

- **Bachelors courses:** Intermediate Microeconomics and Principles of Macroeconomics

Education

2003—2009, Ph.D. in Economics, University of Wyoming, Wyoming, USA

Dissertation Title: Rangeland Ecosystem Services: Hunting, Grazing and Wildlife Viewing

Dissertation Committee: Prof. John Tschirhart (Chairperson); Prof. Jason Shogren; Dr. David Finnoff; Dr. David Aadland; Dr. Chris Bastian

1997—2001, B.S. in Economics, North South University, Dhaka, Bangladesh

Honors & Awards

- Department of Economics & Finance Best First Year PhD Student Award for the academic year 2003—2004
- International Students Scholarship for academic years 2004—2005 and 2007—2008
- William E. Morgan Graduate Scholarship for the academic year 2009—2010

Additional Information

- **Reviewer:** Ecological Economics, Journal of Forest Economics
- **Software packages:** LaTeX (intermediate), Mathematica (intermediate), STATA (basic)
- **Languages:** Bengali (native), English (fluent), German (basic)
- **Citizenship:** Bangladeshi

References

- **Dr. A. K. Enamul Haque**
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- **Dr. Jason Shogren**
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