

CURRICULUM VITAE

A. M. TANVIR HUSSAIN, Ph.D.

SENIOR RESEARCHER AND LECTURER

Environmental Economics and Resource Management, University of Freiburg

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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

PROFESSIONAL EXPERIENCE

April 2015 Senior Researcher and Lecturer
– present Environmental Economics & Resource Management
University of Freiburg, Germany

May 2013 Senior Researcher
– March 2015 Sustainability Economics Group
Leuphana University of Lüneburg, Germany

July 2010 Assistant Professor (on leave since May 2013)
– March 2016 Department of Economics and Social Sciences
BRAC University, Bangladesh

2006 – 2008 Instructor
Department of Economics & Finance
University of Wyoming, USA

2003 – 2007 Teaching/Research Assistant
Department of Economics & Finance
University of Wyoming, USA

2002 – 2003 Teaching Assistant
Department of Economics
North South University, Bangladesh

PUBLICATIONS

- **Hussain, A. M. Tanvir** and J. Tschirhart. 2013. “Economic/Ecological Tradeoffs among Ecosystem Services and Biodiversity Conservation.”. *Ecological Economics* 93:116-127
- **Hussain, A. M. Tanvir** and J. Tschirhart. 2010. “Optimal Harvest Licensing when Harvest Success is Uncertain.” *American Journal of Agricultural Economics* 92:125-140
- Abdallah, W., S. M. Hashemi, B. Hassan, and **A. M. Tanvir Hussain**. 2012. Food Security for the Ultra Poor (FSUP) Second Annual Outcome Survey Report. Draft report prepared for the United Nations World Food Programme. BRAC Development Institute (BDI), BRAC University

WORK IN PROGRESS

- Willingness to pay for environmental goods under uncertainty (with S. Baumgärtner and W. Chen)
- 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)
- Synthesizing economic values of COMTESS ecosystem services (with S. Baumgärtner and B. Huang)

RESEARCH INTERESTS

- Biodiversity and ecosystem services; bioeconomic modeling of trade-offs in ecosystem services
- Insurance value of biodiversity and resilience in ecological-economic systems
- Environmental valuation under risk and uncertainty

CONFERENCES & WORKSHOPS

- “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**, Zurich, 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 **envecon2016**, 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 **BMBF Sustainable Land Management Final Conference 2016**, Berlin, Germany (March 2016)
- “Willingness to Pay for 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 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 **ISEE2014: Well-being and Equity within Planetary Boundaries**, Reykjavik, Iceland (August 2014)
- “Willingness to Pay for Environmental Goods under Uncertainty”. Poster presented at the **Summer School in Sustainability Economics: Intergenerational Equity and Efficiency under Uncertainty**, Camp Reinschlen, 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 Economics (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

University of Freiburg:

- Microeconomic theory

- Renewable energy economics
- Introduction to economics for Integrated Land Use Systems Summer School (ILUS)
- Valuation of environmental risk

BRAC University:

- Bachelor courses taught in microeconomics, quantitative methods in economics, environmental and resource economics, public finance
- Master courses taught in microeconomic theory, environmental and resource economics

University of Wyoming

- Intermediate Microeconomics and Principles of Macroeconomics (2 semesters each)

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

PROFESSIONAL MEMBERSHIP

- European Association of Environmental and Resource Economists (EAERE)
- Resource Modeling Association (RMA)

ADDITIONAL INFORMATION

- **Software packages:** L^AT_EX, Mathematica, STATA
- **Languages:** Bengali (native), English (fluent), German (basic)
- **Citizenship:** Bangladeshi

REFERENCES

- **Prof. Dr. Stefan Baumgärtner**
Chair of Environmental Economics & Resource Management, University of Freiburg
phone: +49 (0)761 203-3753; email: stefan.baumgaertner@ere.uni-freiburg.de
- **John Tschirhart**
Professor Emeritus
Department of Economics & Finance, University of Wyoming
phone: +1 307 766-2356; email: jtsch@uwyo.edu

- **Jason Shogren**

Stroock Professor of Natural Resource Conservation and Management
Department of Economics & Finance, University of Wyoming
phone: +1 307 766-5430; email: jramses@uwyo.edu