

Pallab Mozumder
Dept. of Earth & Environment and Dept. of Economics
Florida International University (FIU)
MARC 365, University Park Campus, FIU
11200 SW 8th Street, Miami, FL 33199, USA
Phone: (305) 348-7146, Fax: (305) 348-1761
Email: mozumder@fiu.edu

EDUCATION

Degree	Institution	Field	Dates
Ph. D	University of New Mexico, NM, USA	Environmental Economics	2005
MWRP	University of New Mexico, NM, USA	Water Resource Program	2005
M. Sc.	Jahangirnagar University, Bangladesh	Economics	1998
B. Sc.	Jahangirnagar University, Bangladesh	Economics	1996

FULL-TIME ACADEMIC EXPERIENCE

Institution	Rank	Field	Dates
Florida International University, Miami, FL 33199, USA	Associate Professor [Dept. of Earth & Environment and Dept. of Economics]	Environmental Economics and Policy	July, 2013-Present
Florida International University, Miami, FL 33199, USA	Assistant Professor [Dept. of Earth & Environment (Primary), Dept. of Economics (Secondary)]	Environmental Economics and Policy	July, 2007-Present
University of Massachusetts, Amherst, MA, 01003, USA	Post Doctoral Fellowship at The Environmental Institute (TEI)	Interdisciplinary Research in Environmental Modeling & Monitoring	October 2005-June 2007
Los Alamos National Laboratory, New Mexico	Summer Graduate Intern	Research in Renewable Energy and Energy Conservation	Summer 2002, Summer 2003

University of New Mexico.	Teaching and Research Assistant	Economics	Fall 2000- Spring 2005
Bangladesh Institute of Development Studies (BIDS), Dhaka, Bangladesh	Temporary Research Associate	Research in Environmental and Development issues in Bangladesh	July 1998- July 2000

PUBLICATIONS IN DISCIPLINE

Peer-Reviewed Journal Publications (* implies paper written with student at FIU)

1. **Mozumder, P.**, A. G. Chowdhury, W. Vásquez and E. Flugman 2014. “Household Preferences for a Hurricane Mitigation Fund in Florida”, Forthcoming in *Natural Hazards Review*.
2. Ariza, E., K. C. Lindeman, **P. Mozumder** and D. O. Suman 2014. “Beach Management in Florida: Results of Survey-based Analyses of Stakeholder Preferences and Management Performance”, *Ocean and Coastal Management*, 96: 82–93.
3. Chatterjee*, C. and **P. Mozumder**. 2014. “Understanding Household Preference for Information Regarding Hurricane Risk Mitigation Status (HRMS): Evidence from Survey Responses”, *Risk Analysis*, 34 (6): 984-96.
4. Pierce*, B. and **P. Mozumder** 2014. “ Perceptions and Preferences of Commercial Fishers in a Multi-species Fishery for Dedicated Access Privilege Framework”, *Marine Policy*, 45 (March): 52–59.
5. Weber, M., **P. Mozumder** and R. Berrens 2012. “Accounting for Unobserved Time-Varying Quality in Recreation Demand: An Application to a Sonoran Desert Wilderness”, *Water Resources Research*, 48 (W05515), doi:10.1029/2010WR010237.
6. Flugman*, E., **P. Mozumder** and T. Randhir 2012. “Facilitating Adaptation to Global Climate Change: Perspectives from Decision Makers Serving the Florida Keys”, *Climatic Change*, 112 (3-4): 1015-1035.
7. **Mozumder, P.**, W. Vasquez and A. Marathe 2011. “Consumers' Preference for Renewable Energy in the Southwest USA”, *Energy Economics*, 33 (6): 1119-1126.
8. **Mozumder, P.** and R. Berrens 2011. “Social Context, Financial Stakes and Hypothetical Bias: An Induced Value Referendum Experiment” *Applied Economics*, 43 (29): 4487-4499.
9. **Mozumder, P.**, E. Flugman* and T. Randhir 2011. “Adaptation Behavior in the Face of

Global Climate Change: Survey Responses from Experts and Decision Makers Serving the Florida Keys”, *Ocean & Coastal Management*, 54 (1): 37-44.

10. **Mozumder, P.**, R. Helton and R. Berrens 2009. “Provision of a Wildfire Risk Map: Informing Residents in the Wildland Urban Interface”, *Risk Analysis*, 29 (11): 1588-1600.

11. Vásquez, W., **P. Mozumder**, J. Hernández-Arce, and R. Berrens 2009. “Household Willingness to Pay for Safe Drinking Tap Water: Evidence from Parral, Mexico”, *Journal of Environmental Management*, 90 (11): 3391-3400.

12. **Mozumder, P.**, A. K. Bohara, R. Berrens, and N. Halim 2009. “Private Transfers to Cope with a Natural Disaster: Evidence from Bangladesh”, *Environment and Development Economics*, 14 (2): 187-210.

13. **Mozumder, P.**, N. Raheem, J. Talberth and R. Berrens 2008. “Intended Evacuation from Wildfires in the Wildland-Urban Interface: Application of a Bivariate Probit Model”, *Forest Policy and Economics*, 10 (6): 415-423.

14. **Mozumder, P.** and A. Marathe 2007. “Role of Information and Communication Networks in Malaria Survival”, *Malaria Journal*, 6:136.

15. Mozumder, P. and R. Berrens 2007. “Inorganic Fertilizer Use and Biodiversity Risk: An Empirical Investigation”, *Ecological Economics*, 62(3-4): 538-543.

16. **Mozumder, P.** and R. Berrens 2007. “Investigating Hypothetical Bias: Induced Value Tests of Referendum Voting Mechanism with Uncertainty”, *Applied Economics Letters*, 14 (10): 705-709.

17. **Mozumder, P.**, M. Starbuck, R. Berrens and S. Alexander, 2007. “Lease and Fee based Hunting on Private Lands in the U.S.: A Review of the Economic and Legal Issues”, *Human Dimensions of Wildlife*, 12 (1): 1-14.

18. **Mozumder, P.**, R. Berrens and A. Bohara, 2006 “Is There an Environmental Kuznets Curve for the Risk of Biodiversity Loss?”, *Journal of Developing Areas*, 39 (2): 175-90.

19. **Mozumder, P.** and A. Marathe, 2006 “Causality Relationship between Electricity Consumption and GDP in Bangladesh”, *Energy Policy*, 35 (1): 395–402.

20. **Mozumder, P.** and A. Marathe, 2004 “Gains from an Integrated Market for Tradable Renewable Energy Credits (TREC)s”, *Ecological Economics*, 49 (3): 259-272.

21. **Mozumder, P.** and N. Halim, 2006 “Social Capital Fosters Human Capital: Evidence from Bangladesh”, *Journal of International Development*, 18 (2): 151-162.

22. Rahman, A. and **P. Mozumder** 2002. “Environment-Poverty Linkages in Bangladesh Perspective: Need for Sustainable Development”, *Bangladesh Journal of Political Economy*, XVI (1): 211-256.

Proceedings

1. Mozumder, P., E. Flugman and T. Randhir 2011. “Survey Results of Florida Keys Managers’ Perceptions about Climate Change, Sea Level Rise Adaptation in the Florida Keys: Conserving Terrestrial and Intertidal Natural Areas and Native Species (May 10th – 12th, 2011), Hawks Cay Resort, Florida Keys.
2. Mozumder, P. and E. Flugman 2011. Enhancing Coastal Resilience: Synergies in Hurricane Mitigation, Insurance Reform, and Climate Change Adaptation Initiative”, State University System Climate Change Workshop, November 14-15, 2011, University of Florida, Gainesville, FL.
3. Mozumder, P. and E. Flugman 2011. “Enhancing Coastal Resilience: Synergies in Hurricane Mitigation, Insurance Reform, and Climate Change Adaptation Initiatives”. 2011 FCE LTER All Scientists Meeting (January 6-7, 2011), Fairchild Tropical Botanic Garden, Coral Gables, Florida.
4. Mozumder, P., E. Shafran and J. Kruse 2011. “Investigating Hurricane Risk Mitigation Behavior: A Policy Experiment”, International Research Committee on Disasters Researchers Meeting (ICRD) Workshop 2011, Natural Hazards Center, University of Colorado, Boulder, CO.
5. Mozumder, P., H. Gladwin, F. Zhao 2010. “Context, Bayesian Updating and Cry Wolf Phenomenon in Hurricane Evacuation Behavior: A Panel Study”, Center for Environmental and Resource Economic Policy (CENREP) Workshops (June 24 - 25, 2010), Wrightsville Beach, North Carolina.
6. Mozumder, P., H. Gladwin, F. Zhao 2009. Context, Bayesian Updating and Cry Wolf Phenomenon in Hurricane Evacuation Behavior: A Panel Study, International Research Committee on Disasters Researchers Meeting (ICRD) Workshop 2009, Natural Hazards Center, University of Colorado, Boulder, CO.
7. Mozumder, P. and A. Marathe 2008. “Role of Information and Communication Networks in Malaria Survival”, The Communication Initiative Network (May 2008).
8. Rahman, A., Z. Ali, S. N. Wadood and P. Mozumder 1998. “A Study on The Nature and Impact of Competition in Microcredit Market on the Performance of MFIs and

Borrowers”, Credit and Development Forum, Bangladesh.

Reports and Monographs

1. Seeteram, N. and P. Mozumder 2013. “Socioeconomic Conditions and Linkages to Freshwater Ecosystem Services of the Ruvu River Sub Basin, Tanzania, A Report Submitted to The Global Water for Sustainability (GLOWS) for The Tanzania Integrated Water Sanitation and Hygiene Program ((iWASH), Sponsored by USAID.
2. Mozumder, P. 2013. Survey Responses to Understand Socio-economic Impacts, Risk Perception and Risk Mitigation Behavior in Hurricane Sandy Affected Areas. Report Prepared for Florida Department of Community Affairs, Division of Emergency Management, International Hurricane Research Center, Miami, Florida.
3. Alonso F. J. and P. Mozumder, 2013 “A Benefit Cost Analysis for the Proposed University City Prosperity Project”, Prepared for the University City Prosperity Project for Submission to US Department of Transportation.
4. Mozumder, P. and E. Flugman 2012. “Enhancing Resilience to Hurricane Risk and Coastal Vulnerability: Insights From a Survey of Florida Households”, Laboratory for Social Science Research, International Hurricane Research Center, Florida International University.
5. Mozumder, P. 2011. “Promoting Hurricane Risk Mitigation Behavior: A Policy Experiment”, Prepared For Florida Department of Community Affairs, Division of Emergency Management.
6. Mozumder P. and E. Flugman 2010. “Enhancing Coastal Resilience: Synergies in Hurricane Mitigation, Insurance Reform, and Climate Change Adaptation Initiatives: Insights From a Survey of Florida Experts and Decision Makers– State, Regional, County, and Municipal Government Personnel”, Prepared For Florida Department of Community Affairs, Division of Emergency Management.
7. Mozumder, P. 2008. “Understanding Household Preference for Information Regarding Hurricane Risk Mitigation Status (HRMS): Evidence from Survey Responses”, Report Prepared for International Hurricane Research Center, Miami, Florida.
8. Mozumder, P., M. Starbuck, R. Berrens and S. Alexander 2003. “Investigation on Lease and Fee-based Recreation on Private Forest Lands”, U.S. Forest Service.
9. Ancell, C., A. Demint, A. Ewing, B. Heemink, L. Martinez, J. Montaña, P. Mozumder, R. Salazar, G. Stansifer, and C. Stropki, 2002. “Modeling Sustainability in Rural Development: Nueva Vida, Honduras”, Water Resources Program, Publication No. WRP-7, University of New Mexico.

Book Review

1. Natural Resource Accounting and Economic Development: Theory and Practice, (Perrings and Vincent 2003, eds., Edward Elgar), *Journal of Developing Areas*, 38 (1): 214-216, 2004.

PERESNTED PAPERS AND LECTURES

Presentations at National and International Conferences and Workshops in the Field

1. Invited to speak at the 5th FIU-LACC Affiliated Faculty Colloquium: The Caribbean (March 22, 2012), Florida International University, Miami, FL.
2. Invited to give a Talk on “Integrated Valuation of Mangrove Ecosystem Services” at The Rosenstiel School of Marine and Atmospheric Science (RSMAS), University of Miami (February 28th, 2012).
3. Invited to speak at the FIU Teach-in Session on Crisis in Japan after The Fukushima Daiichi Nuclear Disaster (March 23, 2011).
4. Invited to present at the Workshop: Linking Freshwater Management to Ecosystem Services in the Everglades (March 18-19, 2011, Miami, FL, Sponsored by Water, Sustainability and Climate, National Science Foundation).
5. Presented at the NSF-NOAA Workshop on Communicating Hurricane Risk Information (11-12 April, 2011, Miami, FL).
6. Presented at the International Research Committee on Disasters Researchers Meeting (July 12-13, 2011, Broomfield, Colorado).
7. Organized, Chaired and Presented at the Southern Economic Association Meetings (2011, 2010, 2009, 2008, and 2007).
8. Presented and Discussed Paper at Canadian Economic Association Conference (May 28-30, 2010, Quebec City).
9. Presented at the Center for Environmental and Resource Economic Policy (CEnREP) Camp Resources Summer Workshop (June 24 – 25, 2010, NC).
10. Presented at the Enabling the Next Generation of Hazards and Disasters Researchers Workshop (June 20-21, 2010, Washington, DC).
11. Presented at the ‘Enabling the Next Generation of Hazards and Disasters Researchers Workshop’ (June 20-21, 2010, Washington, DC).
12. Presented at the Canadian Economic Association Conference (May 2010).

13. Presented at the NOAA-FIU Hurricane Alliance Research Program Workshop (March 18-19, 2010).
14. Invited to give a presentation at the FIU-Energy Research Group on Economic and Behavioral Aspects of Renewable Energy Use (March 2010).
15. Presented at the Eastern Economic Association Conference (2012-Boston, 2010-Philadelphia).
16. Presented at the Ideas and Innovations for the Development of Bangladesh: The Next Decade (Conf. at the John F. Kennedy School of Government, Harvard University, Cambridge, MA, Oct. 9, 2009).
17. Presented at the Hazards and Disasters Researchers Meeting organized by Natural Hazards Center, University of Colorado, Boulder (2008, 2009).
18. Invited to give a Presentation at the Natural Resource and Environmental Economics Seminar at the Texas A&M University (2008).
19. Participated in Next Generation of Hazards and Disasters Researchers Workshop (July 12-14, 2009, Broomfield, Colorado, Sponsored by NSF).
20. Participated in NOAA-Nature Conservancy Reef Resilience Workshop (April 22-23, 2009; Key Largo, FL).
21. Presented at the Department of Earth and Environment (Previously Dept. of Environmental Studies), Florida International University (2007, 2009, 2012).
22. Presented at the Annual Himalayan Policy Research Conference organized by Nepal Study Center at the University of Wisconsin's 37th Annual Conference on South Asia's pre-conference venue (2008).
23. Presented at the Houston Advanced Research Center (HARC), Houston, TX (2006).
24. Presented at the Allied Social Science Association, Boston, MA (2006).
25. Presented at the Environmental and Resource Economics Workshop, Colorado (2005, 2003).
26. Presented at the Western Social Science Association (Albuquerque, NM 2005, Las

Vegas, NV 2003).

27. Presented at the Dept. of Economics, University of Alaska, Fairbanks (2005);
28. Presented at the Economics Science Association Conference (Tucson, AZ 2003).
29. Graduate Intern Research Symposium, Los Alamos National Laboratory, NM (2003, 2002).
30. Participated in Risk Screening Environmental Indicators (RSEI) Workshop Organized by Political Economy Research Institute (PERI) and The Environmental Institute (TEI), University of Massachusetts, Amherst, 2005).
31. Participated in Workshop on Advanced Techniques in General Equilibrium Modeling with GAMS by ECOMOD (Washington, DC, 2004).
32. Participated in Environmental & Resource Economics Workshop (Colorado 2003, 2005).
33. Presented at the Environmental Health Association (Albuquerque, NM 2002).
34. Presented at the American Water Resources Association Conference (Albuquerque, NM 2001).

Grant Proposals (pending)

1. Converging Outcomes of Forest Stability and Biodiversity Conservation in the Common Property Governance Regime of the Sierra Norte of Oaxaca, Mexico: The Role of Policy, Markets & Emigration (P. Mozumder: Co-PI, PI: D. Bray, National Science Foundation; Dynamics of Coupled Natural and Human Systems, Approximate \$1.5 Million).
2. Development of a Multi-disciplinary Decision-support Framework for Adaptation Under Extreme Climatic Conditions in Complex Coastal Urban Environments (P. Mozumder: Co-PI, PI: O. Abdul-Aziz, National Science Foundation; Dynamics of Coupled Natural and Human Systems, Coastal and Ocean Climate Applications, National Oceanic and Atmospheric Administration, \$300,000).

Funded Research at FIU

1. WSC-Category 2 Collaborative: Robust Decision-making for South Florida Water Resources by Ecosystem Service Valuation, Hydro-economic Optimization, and Conflict Resolution Modeling (2012-2017, Co-PI: P. Mozumder, PI: M. Sukop, Sponsor: National Science Foundation, Total Award to FIU: \$1,443,863, My Portion: \$333,520).

2. University City Prosperity Project: Advanced Transit Oriented Development and Informed Traveller Program (2014-2016, Co-PI: P. Mozumder, PI: N. Rische Sponsor: US Department of Transportation, Total Award to FIU 11.3 Million, My Portion: \$265, 000).
3. Communicating Forecast Information to Optimize Evacuation Behavior (2009-2013, PI: P. Mozumder, Co-PI: Hugh Gladwin, Sponsor: National Science Foundation, Award: \$391,145).
4. Development of Test-Based Data on Hurricane-Induced Building Interior, Utility, and Contents Damage for Improved Risk Prediction and Mapping (2010-2012, Co-PI: P. Mozumder, PI: A. Chowdhury; Sponsor: Florida Sea Grant, Award: \$300,000).
5. Course Material Design for Cost-Benefit Analysis of Disaster Risk Reduction (Award: \$12,000 + graduate student support, 2011-2012; PI of the Subcontract from Disaster Risk Reduction Project (Director: R. Olson; Sponsor: United States Agency for International Development, Office of U.S. Foreign Disaster Assistance (USAID/OFDA)).
6. Emerging Market for Ecosystem Services in the Latin American and Caribbean Region: Investigating Mechanisms for Optimal Design (Award \$5000, 2012-13, PI: P. Mozumder, Co-PI: D. Suman), Seed Grant by Miami Consortium for Latin American & Caribbean Studies.
7. Socioeconomic Conditions and Linkages to Freshwater Ecosystem Services of the Ruvu River Sub Basin, Tanzania, (Award: \$3000, 2013, PI of the Subcontract from Global Water for Sustainability (GLOWS) for The Tanzania Integrated Water Sanitation and Hygiene Program ((iWASH), Sponsor: United States Agency for International Development (USAID)).
8. Equitable Payment for Watershed Services Mechanism for the Transboundary Mara River Basin (Award: \$5000, 2012, PI of the Subcontract from Global Water for Sustainability (GLOWS), Sponsor: United States Agency for International Development (USAID)).
9. Investigating Household Perceptions of Coastal Vulnerability and Preferences for Risk Mitigation (2011-13); PI: P. Mozumder (Award: \$200,000; Part of Hurricane Loss Reduction for Housing in Florida; Lead PI: IHRC Director), Sponsored by Florida Department of Community Affairs.
10. Phase I & II: Combining Experimental and Survey Evidence for Promoting Hurricane Risk Mitigation Efforts and Disaster Preparedness (2009-11); PI: P. Mozumder (Award: \$150,000; Part of Hurricane Loss Reduction for Housing in Florida; Lead PI: IHRC Director), Sponsored by Florida Department of Community Affairs.
11. Socio-Economic Effects of Hurricane (2007-2009, PI: P. Mozumder, A Component of Florida Hurricane Alliance, Sponsor: National Oceanic and Atmospheric Administration; Award \$180,995).
12. Faculty Research Grant (2008-2009), College of Arts and Science, FIU (PI: P. Mozumder; Award \$5,000).

Previous Grants, Honors and Awards

3. Faculty Research Grant (P. Mozumder and T. Randhir), University of Massachusetts, Amherst (Spring 2006, \$30, 000 with 50% Match).
4. Post Doctoral Fellowship (October 2005-June 2007) at The Environmental Institute (TEI), University of Massachusetts (US Department of Energy, \$90,000), Amherst, MA.
5. Graduate Research Development (GRD) Grant at the UNM for Independent Research (Spring 2003, \$2500).
6. Travel Grant by the Environmental and Resource Economics Workshop Committee of University of Colorado, Boulder (Summer 2003, \$800).
7. J. Raymond Stuart Prize in Economics at the UNM (Spring 2001, \$500).
8. Economic Graduate Student Organization (EGSO) Research Fund for Individual Research at the UNM (Spring 2002, \$400).
9. Student Research Allocation Committee (SRAC) Grant at the UNM for independent research (Fall 2002, \$500).
10. Outstanding Oral Presentation Prize at Symposium 2002 and 2003 in Los Alamos National Laboratory, New Mexico.
11. Teaching and Research Assistantship at the UNM (2000-2005).
12. Board Scholarship at the Undergraduate Level in Bangladesh for Academic Excellence (1992-1996).

Memberships in Professional Organizations

1. Association of Environmental and Resource Economists (AERE)
2. American Economic Association (AEA)
3. Royal Economic Society (RES)
4. Southern Economic Association (SEA)
5. Canadian Economic Association (CEA)
6. Western Economic Association International (WEAI)
7. Omicron Delta Epsilon (ODE - International Economics Honor Society)
8. South Asian Network for Development and Environmental Economics (SANDEE)

9. Bangladeshi Young Economists (BYE)
10. Association for Economic and Development Studies on Bangladesh (AEDSB)

OTHER PROFESIONAL ACTIVITIES AND PUBLIC SERVICE

(A) Reviewer of Manuscripts in Journal

1. Marine Resource Economics (2013), Lake and Reservoir Management (2013); Resource and Energy Economics (2012); The Berkley Electronic Journal of Economic Analysis & Policy (2012); Journal of Environmental Management (2012, 2010, 2008); Weather, Climate and Society (2013, 2012); Environment and Development Economics (2012); Environmental Modeling and Assessment (2012); Environmental and Resource Economics (2014, 2011, 2006); Sustainability (2011); International Journal of Mass Emergencies and Disasters (2011); Energy Economics (2014, 2011, 2010, 2006); Ecological Economics (2014, 2011, 2005); Environmental Monitoring and Assessment (2011); Wetland Ecology and Management (2011); Journal of Environmental Economics and Management (2010, 2009); Natural Hazards Review (2014, 2013, 2012, 2010, 2008, 2007); Environmental Management (2013, 2010, 2009, 2006); Risk Analysis (2010, 2009); Applied Geography (2010); Proceedings of National Academy of Sciences (2010); Contemporary Economic Policy (2009, 2007); Water Resources Research (2013, 2012, 2009, 2007); Journal of Environmental Planning and Management (2009); Journal of Infrastructure Systems (2008); Applied Energy (2008); International Journal of Ecological Economics and Statistics (2006); Himalayan Journal of Development and Democracy (2006)

(B) Participation in Proposal Review/Panel Member

1. National Science Foundation- Division of Civil, Mechanical and Manufacturing Innovation. Infrastructure Management and Extreme Events (IMEE, 2014)
2. Social Science Weather Research Program, Oceanic and Atmospheric Research (OAR), National Oceanic and Atmospheric Administration, NOAA (2012)
3. National Science Foundation- Division of Social and Economic Sciences, Decision, Risk and Management Sciences (DRMS, 2011, 2012)
4. Gulf of Mexico and Texas Sea Grant (2011)
5. Review Panel Member of National Oceanic and Atmospheric Administration (NOAA) - Sectoral Applications Research Program (2010)
6. Public Entity Risk Institute Dissertation Fellowships in Hazards, Risk, and Disasters (PERISHIP) Fellowship (2012, 2010)

7. Reviewer of National Oceanic and Atmospheric Administration (NOAA) - Sectoral Applications Research Program (2009)
8. South Asian Network for Development & Environmental Economics (SANDEE) Annual Grant Competition (2013, 2012, 2010, 2009)
9. Social Sciences and Humanities Research Council of Canada (2012, 2008)
10. United States Department of Agriculture - Hatch (2007)
11. Tinker Award Selection at the Latin American & Caribbean Center at FIU (2011).

(C) Books/Textbooks Reviewed

1. "Promoting Climate Change Awareness through Environmental Education, IGI Global (scheduled for release in 2016).
2. Environmental & Natural Resource Economics by Tom Tietenberg and Lynne Lewis (10th Edition) Pearson Publishing (2012).
3. Research Tools in Natural Resource and Environmental Economics by Amitrajeet Batabyal, World Scientific Publishing (2010).
4. Reviewer for SAGE Publications Inc (Compassionate Statistics: Applied Quantitative Analysis for Social Services by V. E. Faherty; 2006).

(D) Services at FIU

1. Consulting Services (2011-2012) for Disaster Risk Reduction (DRR) Program (sponsored by USAID/OFDA) at Florida International University, Miami, FL.
2. Coordinate Social Science Research at the International Hurricane Research Center (IHRC) at FIU and represented hurricane related social science research at the IHRC in multiple forums (2007-Present).
3. Member of Miami-Dade County (1) Local Mitigation Strategy Working Group and (2) Climate Change Advisory Task Force Economic, Social & Health Committee.
5. Member of the Florida Hurricane Alliance Working Group, a multidisciplinary research group sponsored by NOAA.
6. Presented Research Findings to Monroe County Sea Level Rise Workshop (June 2009; Presented by my Graduate Student, E. Flugman).
7. Presented Research Findings to Miami-Dade Climate Change Advisory Task Force (Economic, Social & Health Adaptation Committee; July 2009; Presented by my Graduate Student, E. Flugman).

8. Designed a Website (<http://climate.fiu.edu/>) to Disseminate Information on Local Adaptation Behavior in the face of Climate Change and Sea-level Rise.
9. Department Representative (Earth & Environment, 2010-Present) to the Faculty Advisory Board, Latin American and Caribbean Center (LACC) at FIU.
10. Earth & Environment Department Curriculum Committee (2011-12) at FIU.
11. Earth & Environment Department Representative at the College of Arts & Science Library Committee (2007-10) at FIU.
12. Environmental Studies Undergraduate Committee (2007-09) at FIU.

WORKS IN PROGRESS/SUBMITTED (* implies paper written with graduate student at FIU)

1. Chatterjee*, C. and **Mozumder, P.** “Hurricane Wilma, Utility Disruption and Household Wellbeing”, (Presented at the 2012 Eastern Economic Association, Boston, March 2012).
2. Chatterjee*, C. and **Mozumder, P.** “Environmental Concern, Diffusion of Knowledge & Learning, and Adoption of Green Technology” (Presentation at the 2012 Southern Economic Association Conference).
3. Halim, N. and **P. Mozumder** “Natural Disaster and Sickness Shocks: Evidence of Informal Social Insurance” (Submitted for Presentation at the 2014 Population Association of America (PAA) Conference).
4. **Mozumder, P.** and T. Randhir “Decision-making under Surprise and Uncertainty: Arsenic Contamination of Water Supplies” (Under Revision for submission in *Water Resources Research*).
5. Vásquez, W. F., **P. Mozumder**, and D. Franceschi “Water Quality, Risk Perceptions and Averting Behavior: Evidence from León, Nicaragua (Revision requested from *American Journal of Agricultural Economics*).
6. **Mozumder, P.** and W. F. Vásquez “Hurricane and Risk Averting Behavior: Analyzing the Cost of Evacuation using Revealed and Stated Preference Data” (Under Review in *Environmental and Resource Economics*).
7. Halim, N. and **P. Mozumder** “Natural Disaster, Credit Availability and School Attendance: Evidence from Bangladesh” (Presented at the 2012 Southern Economic Association Conference).
8. Nieratka*, L. R., **P. Mozumder** and D. Bray “Willingness To Accept Carbon Payments Under Different Land Uses In Two Community Forests Of Oaxaca, Mexico” (Under Preparation for submission in *Ecological Economics*).

9. **Mozumder, P.**, A. Shafran, and J. Kruse “Investigating Hurricane Risk Mitigation Behavior: A Policy Experiment” (Presented at the 2011 Southern Economic Association Meeting).
10. **Mozumder, P.**, T. Randhir, W. F. Vásquez, M. Jerath “Risk Perceptions and Adaptation to Climate Change: Survey Evidence from Maple Syrup Farmers” (Under Review *Weather, Climatic and Society*).
11. **Mozumder, P.**, M. McKee and R. Berrens “Status, Risk, and Catching Up” (Revision requested from *Economica*, Presented 2012 Bay Area Behavioral Economics Workshop, Santa Clara, CA).

TEACHING ACTIVITIES AT FIU

Spring 2012 Global Climate Change: Science, Society and Solutions (Undergraduate Global Learning Course; Jointly with Scattone, Zhu & Anderson)

Spring 2011 Advanced Environmental Economics (Graduate)

Spring 2011 Natural Resource Economics (Undergraduate)

Spring 2012, Fall 2011, Spring 2008, 2009, 2010 Environmental Economics (Undergraduate)

Fall 2009, Spring 2010 Global Environment and Society (Undergraduate)

Fall 2008, Natural Disasters & Society (Undergraduate); Natural Disasters & Social Vulnerability (Graduate)

NEW COURSES DESIGNED AT FIU

Global Climate Change: Science, Society and Solutions (Undergraduate; with Scattone, Zhu & Anderson)

Natural Disasters and Society (Undergraduate)

Natural Disasters and Social Vulnerability (Graduate)

Coastal Resource Management (Cross-listed as Graduate and Undergraduate Course).

STUDENTS ADVISING AT FIU

MASTERS (EARTH AND ENVIRONMENT)

Mehrnoosh Asadi (Chair, Fall 2014-); Mustafa Sikder (Chair, Fall 2014-):

Nadia Seeteram (Chair, Fall 2012-): Valuation of Ecosystem Services for Environmental Decision-Making in South Florida.

Jim Harper (Chair, Graduated in Summer 2014): Understanding Social Concerns for Coral Reefs Restoration in Southeastern Florida.

Sandra Maina (Chair, Graduated in Summer 2014): Land loss, community vulnerability and coastal restoration efforts: investigating the role of Vanishing Points (an iPhone application motivating community and national involvement).

Sabrina Tahsin (Chair, Graduated in Summer 2014): Forecasting hurricane vulnerability by land use change pattern and evacuation need assessment.

Caitlin Farnung (Chair, Fall 2011-): Women's empowerment through organizational capacity building: cassava production and fruit tree nurseries in Cameroon (Masters with Peace Corp Program).

Liliana Helo (CLindsey Nhair, Fall 2010-): Assessing consumers' attitudes and preferences for environmentally sustainable attributes of food and beverage products.

Eric Van Vleet (Committee Member, Spring 2012-): Mechanism design for conservation auction in four communities in the Sierra Norte of Oaxaca, Mexico.

Brett Pierce (Chair, Graduated in Fall 2011): Perceptions and preferences of commercial fishers in the Florida Keys for alternative management frameworks.

Lindsey Roland Nieratka (Chair, Graduated in Spring 2011): Do payments for hydrological services reduce poverty and strengthen social capital? An examination of household welfare and collective action in the Sierra Norte of Oaxaca, Mexico”

Evan Flugman (Chair, Graduated in Spring 2009): Adaptation behavior in the face of global climate change and accelerating sea-level rise: survey responses from expert personnel in the Florida Keys, U.S.A.

Alexis Roque (Committee Member, Graduated in Fall 2011): A social survey of demography and attitudes of residents regarding the marine protected area in Puerto Morelos, Mexico

Meenakshi Jerath (Committee Member, Graduated in Summer 2012): An economic analysis of carbon sequestration and storage service by mangrove forests in Everglades National Park, FL.

Dionne Dacosta (Committee Member, Graduated in Spring 2010): An economic valuation analysis of Buccoo Reef marine park, Tobago West Indies.

Karen Pannocchia (Committee Member, Graduated in Summer 2009): The economic and environmental implications of tourism growth on the United States Virgin Islands.

George Atisa (Committee Member, Graduated in Summer 2009): Economic assessment of best management practices in the Mara River Basin: Toward implementing payment for watershed services.

Ph.D (ECONOMICS)

Sisi Meng (Chair, from Summer 2014, Topic: TBD); Fan Jiang (Chair, from Summer 2014, Topic: TBD)

Chiradip Chatterjee (Chair, Graduated in Summer 2013): Promoting environmental risk mitigation for overcoming the Tragedy of Commons. Current Position: Visiting Assistant Professor at University of North Florida, Jacksonville, FL.

Kishore Dhavala (Committee Member, Graduated in Fall 2012): Essays on emissions trading markets. Current Position: Post-Doctoral Fellow, BC3 Basque Centre for Climate Change, Spain.

Yu Chen (Committee Member, Spring 2010-): Essays on intergenerational and regional aspects of water management.

OTHER DEPARTMENTS

Brian Machovina (Ph.D-Biology, Committee Member, Spring 2011-): The roles of agro-ecology in rainforest conservation

Rachel Emas (Ph.D-Public Administration, Committee Member, Spring 2012-): Comparing sustainable development policy initiatives in four developed and developing countries

INDEPENDENT STUDY/SUPERVISED RESEARCH AT GRADUATE LEVEL

Fan Jiang (Masters, Statistics, Summer 2012): Hurricane evacuation behavior

Samrat Kumar (PhD, Economics, Summer 2012): Financing environmental public goods: cleaning up trash in Mount Everest

Sukhjinder Kaur (Masters, Public Health, Spring 2009): Flood exposure and health hazards.

INDEPENDENT STUDY/SUPERVISED RESEARCH AT UNDERGRADUATE LEVEL

Gabriela Ojeda (Fall 2013) Topic: Valuation of Ecosystem Services

Charmille Kirton (Fall 2013) Topic: Valuation of Ecosystem Services

Steven Diaz (Summer 2009); Topic: Coral Reefs and Recreational Demand Behavior

Ginelle Monico (Fall 2009); Topic: Consumer's Preference for Organic Foods

Patricia Huamanchumo (Fall 2011: Climate Change and Everglades Restoration; Summer 2010:

Climate Change and Forest Ecosystem Services)

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICES

1. Nominated for 2009-2010 Next Generation of Hazards and Disasters Research Fellowship (Sponsored by National Science Foundation and Led by Dr. Thomas Birkland at North Carolina State University; <http://www.ncsu.edu/project/nextgen/index.htm>).
2. Project Collaborator (2010 - present), Human Dimensions Group, The Florida Coastal Everglades (FCE) Long Term Ecological Research (LTER) Network, based at Florida International University (sponsored by National Science Foundation).
3. Appointed to Dissertation Advisor Status (DAS) within the Graduate Faculty (in 2009) that allows faculty to chair dissertation committees.
4. Participated as a Member of Water Resources Research Conference (2007) Steering Committee, University of Massachusetts, Amherst MA 01003.
5. Invited to Speak at the NSF-Sponsored 'Research to Policy to Practice' Session in 35th Annual Natural Hazards Workshop (July 10-13, 2010 in Broomfield, CO).
6. Organized and Coordinated (with Hugh Gladwin) Planning Meeting for NSF funded Hurricane Evacuation Research at FIU (March 9-12, 2009, Participants: Faculties from Texas A&M, Virginia Tech, Rensselaer Polytechnic Institute, and FIU).