

**Dr. Pallab Mozumder**

Dept. of Earth & Environment and Dept. of Economics; Florida International University (FIU)  
AHC5-370, MMC-FIU, 11200 SW 8th Street, Miami, FL 33199, USA  
Phone: (305) 348-7146, Fax: (305) 348-1761; Email: mozumder@fiu.edu

**EDUCATION**

<b>Degree</b>	<b>Institution</b>	<b>Field</b>	<b>Dates</b>
Ph. D	University of New Mexico, NM, USA	Environmental Economics and Policy	2005
MWRP	University of New Mexico, NM, USA	Water Resource Management	2005
M. Sc.	Jahangirnagar University, Bangladesh	Economics	1998
B. Sc.	Jahangirnagar University, Bangladesh	Economics	1996

**FULL-TIME ACADEMIC EXPERIENCE**

<b>Institution</b>	<b>Rank</b>	<b>Field</b>	<b>Dates</b>
Florida International University, Miami, FL 33199, USA	Professor [Dept. of Earth & Environment and Dept. of Economics]	Environmental Economics and Policy	July, 2019-
Pardee Center for the Study of the Longer-Range Future, Boston University	Visiting Fellow (Sabbatical)	Adaptation to Climate Change and Extreme Weather Events	Aug. 2017-May 2018
Florida International University, Miami, FL 33199, USA	Associate Professor [Dept. of Earth & Environment and Dept. of Economics]	Environmental Economics and Policy	July, 2013-June 2019
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** (\* and ^ implies paper written with student and postdoc at FIU)

1. Sikder\*, A. H. M. K. and **P. Mozumder** 2019. "Risk Perceptions and Adaptation to Climate Change and Sea Level Rise: Insights from General Public Opinion Survey in Florida", Forthcoming in *Journal of Water Resources Planning and Management*.
2. Pavel\*, T. and **P. Mozumder** 2019. "Costal Vulnerability and Household Preferences for Adaptation: State vs. Federal Approach", *Economics of Disasters and Climate Change*, 3 (3): 281-304.
3. Chatterjee\*, C., E. Flugman, F. Jiang, **P. Mozumder** and A. G. Chowdhury 2019. "Insights from a Stated Preference Experiment of Florida Residents: The Role of Information and Incentives in Hurricane Risk Mitigation", *Natural Hazards Review*, 20 (1): 04018029.
4. **Mozumder, P.** and W. Vasquez 2018. "Understanding Hurricane Evacuation Decisions: A Stated Preference Approach", *Environmental and Resource Economics*, 71 (2): 407-425.
5. Randhir, T., **P. Mozumder**, N. Halim 2018. "Decision-making under Surprise and Uncertainty: Arsenic Contamination of Water Supplies", *Journal of Hydrology*, 560: 424-433.
6. Seeteram\*, N., V. Engel and **P. Mozumder** 2018. "Implications of a Valuation Study for Ecological & Social Indicators Associated with Everglades Restoration", *Science of the Total Environment*, 627: 792-801.
7. Brown\*, C., M. Bhat, J. Rehage, A. Mirchi, R. Boucek\*, V. Engel, J. Ault, **P. Mozumder**, D. Watkins, M. Sukop 2018. "Ecological-Economic Assessment of the Effects of Freshwater Flow in the Florida Everglades on Recreational Fisheries", *Science of the Total Environment*, 627: 480-493.
8. Vásquez, W. F., T. J. Murray, S. Meng\* **P. Mozumder** 2018. "An Empirical Analysis of Determinants Underlying Perceptions of Impending Hurricanes", *Natural Hazards Review*, 19 (1): 04017026.
9. Vasquez, W. and **P. Mozumder** 2017. "Willingness to Pay for Hurricane-Resistant Home

- Improvement Programs: A Choice Experiment in Northeastern and Mid-Atlantic United States”, *Economics of Disasters and Climate Change*, 1 (3): 263-276.
10. Hasan, S. and **P. Mozumder** 2017. “Income and energy use in Bangladesh: A household level Analysis”, *Energy Economics*, 65: 115-126
  11. Chatterjee\*, C. and **P. Mozumder** 2017. “Adoption of Green Technology: A Diffusion and Learning Process of Consumers”, *International Journal of Ecological Economics and Statistics*, 38 (2):78-97.
  12. Dixon^, D., **P. Mozumder**, W. F. Vasquez, and H. Gladwin 2017. “Heterogeneity Within and Across Households in Hurricane Evacuation Response”, *Networks and Spatial Economics*; 17 (1): 1-36.
  13. Helo\*, L., **P. Mozumder** and W. F. Vásquez 2016. “Household Preferences for Organic, Locally Grown and Fair Trade Attributes of Food and Beverage Products: Survey Evidence from the Southeastern USA”, *International Journal of Ecological Economics and Statistics*, 37 (3): 1-19.
  14. Vásquez, W. F., T. J. Murray, **P. Mozumder** 2016. Understanding Hurricane Evacuation Planning in the Northeastern and Mid-Atlantic United States, *Natural Hazards Review*, 17 (1), 04015018:1-11.
  15. **Mozumder, P.** and W. F. Vásquez 2015. “An Empirical Analysis of Hurricane Evacuation Expenditures”, *Natural Hazards*, 79 (1): 81-92.
  16. **Mozumder, P.**, T. Randhir, W. F. Vásquez, M. Jerath 2015. “Risk Perceptions and Adaptation to Climate Change: Survey Evidence from Maple Syrup Farmers”, *International Journal of Ecological Economics and Statistics*, 36 (4): 1-17.
  17. Chatterjee\*, C. and **Mozumder, P.** 2015. “Hurricane Wilma, Utility Disruption and Household Wellbeing”, *International Journal of Disaster Risk Reduction*, 14(4): 395-402.
  18. Nieratka\*, L. R., D. B. Bray and **P. Mozumder** 2015. “Can Payments for Environmental services Strengthen Social Capital, Encourage Distributional Equity and Reduce Poverty? A Case Study from The Sierra Norte of Oaxaca, Mexico”, *Conservation and Society*, 13(4): 345-355.
  19. Vásquez, W. F., **P. Mozumder**, and D. Franceschi 2015. “Water Quality, Risk Perceptions and Averting Behavior: Evidence from León, Nicaragua”, *Water Economics and Policy*, 1(4), DOI: 10.1142/S2382624X15500113.
  20. **Mozumder, P.**, A. G. Chowdhury, W. F. Vásquez, and E. Flugman 2015. “Household Preferences for a Hurricane Mitigation Fund in Florida”, *Natural Hazards Review*, 16 (3), 04014031:1-11.
  21. 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.
  22. 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.
  23. \*Pierce, B. and **P. Mozumder** 2014. “Perceptions and Preferences of Commercial Fishers

- for Dedicated Access Privilege Framework in a Multi-species Fishery”, *Marine Policy*, 45: 52–59.
24. 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.
  25. 23.\*Flugman, E., **P. Mozumder**, T. Randhir 2012. “Facilitating Adaptation to Global Climate Change: Perspectives from Decision Makers Serving the Florida Keys”, *Climatic Change*, 112 (3-4): 1015-1035.
  26. **Mozumder, P.**, W. Vasquez and A. Marathe 2011. “Consumers' Preference for Renewable Energy in the Southwest USA”, *Energy Economics*, 33 (6): 1119-1126.
  27. **Mozumder, P.** and R. Berrens 2011. “Social Context, Financial Stakes and Hypothetical Bias: An Induced Value Referendum Experiment” *Applied Economics*, 43 (29): 4487-4499.
  28. **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.
  29. **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.
  30. 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.
  31. **Mozumder, P.**, A. K. Bohara, R. Berrens, N. Halim 2009. “Private Transfers to Cope with a Natural Disaster: Evidence from Bangladesh”, *Environment & Development Economics*, 14 (2):187-210.
  32. **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.
  33. **Mozumder, P.** and A. Marathe 2007. “Role of Information and Communication Networks in Malaria Survival”, *Malaria Journal*, 6:136.
  34. **Mozumder, P.** and R. Berrens 2007. “Inorganic Fertilizer Use and Biodiversity Risk: An Empirical Investigation”, *Ecological Economics*, 62(3-4): 538-543.
  35. **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.
  36. **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.
  37. **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.
  38. **Mozumder, P.** and A. Marathe, 2006 “Causality Relationship between Electricity Consumption and GDP in Bangladesh”, *Energy Policy*, 35 (1): 395–402.

39. **Mozumder, P.** and A. Marathe, 2004 “Gains from an Integrated Market for Tradable Renewable Energy Credits (TREC)s”, *Ecological Economics*, 49 (3): 259-272.
40. **Mozumder, P.** and N. Halim, 2006 “Social Capital Fosters Human Capital: Evidence from Bangladesh”, *Journal of International Development*, 18 (2): 151-162.
41. 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. Asadi, M. and P. Mozumder 2016. “Understanding Anglers' Preferences in Recreational Charter Fishing: A Revealed Preference Approach”, 2016 FCE LTER All Scientists Meeting (March 14-15, 2016), Deering Estate, Miami, Florida
2. Mozumder, P. 2015. “Valuation of Ecosystem Services for Environmental Decision Making in South Florida” at the Greater Everglades Ecosystem Restoration (GEER) 2015 - Science in Support of Restoration (April 20-23), Coral Springs, FL.
3. Sikder, A. H. M. and P. Mozumder 2015. “Spatial Mapping of Valuation of Ecosystem Services in South Florida”, LTER Midterm Review Meeting (March 11-12, 2015), Deering Estate, Miami, FL.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.

9. 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.
10. Mozumder, P. and A. Marathe 2008. “Role of Information and Communication Networks in Malaria Survival”, The Communication Initiative Network (May 2008).
11. 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. Mozumder, P. 2017. Report on Methodology Development for Social and Environmental Impacts Assessment of Investment Climate Reforms in Kenya, International Finance Corporation, Nairobi Kenya.
2. Mozumder, P. 2014. Sea-Level Rise, Critical Infrastructure, and Coastal Vulnerability: Investigating Year-Long and Seasonal Residents’ Perceptions and Preferences for Risk Mitigation. Report Prepared for Florida Department of Community Affairs, Division of Emergency Management, International Hurricane Research Center, Miami, Florida.
3. 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.
4. 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.
5. Alonso F. J. and P. Mozumder, 2013 “A Benefit Cost Analysis for the Proposed UniversityCity Prosperity Project”, Prepared for the UniversityCity Prosperity Project for Submission to US Department of Transportation.
6. Mozumder, P. and E. Flugman 2013. “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.
7. Mozumder, P. 2011. “Promoting Hurricane Risk Mitigation Behavior: A Policy Experiment”, Prepared for Florida Department of Community Affairs, Division of Emergency Management, FL.
8. 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”, Prepared For Florida Department of Community Affairs, Division of Emergency Management, FL.
9. 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.

10. 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.
11. 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.

### **PRESENTED PAPERS AND LECTURES**

#### **Presentations at National and International Conferences and Workshops in the Field**

(\* and ^ implies paper written with student and postdoc at FIU)

1. Mozumder, P. 2019. Organizer: (ORDER-CRISP) Annual Workshop 2019 (June 14-15, 2019), George Washington University Science and Engineering Hall, Washington, DC.
2. Khan, M., N. Halim and P. Mozumder 2019. “Understanding Risk Averting Behavior During Hurricanes: Evidence from Bangladesh”, 53rd Annual Conference of the Canadian Economic Association (May 31- June 2, 2019), Banff, Alberta, Canada.
3. Khan, M., N. Halim and P. Mozumder 2019. “Understanding Risk Averting Behavior During Hurricanes: Evidence from Bangladesh”, 88th Southern Economic Association Annual Meetings (Nov. 18-20), Washington, DC.
4. Mozumder, P. 2018. Organizing Decentralized Resilience in Critical Interdependent-Infrastructure Systems and Processes (ORDER-CRISP), Invited Lecture (Nov. 1, 2018) at the Global Resilience Institute, Northeastern University, Boston, MA.
5. Mozumder, P. 2018. Invited to speak on “Valuation of Ecosystem Services for Environmental Decision-Making in South Florida”, Dept. of Economics (March 23, 2018), University of New Mexico, Albuquerque, NM.
6. Mozumder, P. 2018. Invited to speak at the Panel on “Climate Change, Sea Level Rise, and Migration in Bangladesh”, Organized by Pardee Center for the Study of the Longer-Range Future (February 14<sup>th</sup>, 2018), Boston University, Boston, MA.
7. Meng\*, S. and P. Mozumder 2018. “Understanding Non-Evacuation Behavior in Urban Areas During Major Hurricanes”, 44th Eastern Economic Association Annual Conference (March 1-4, 2018), Boston, MA.
8. Pavel\*, T. and P. Mozumder 2018. “Climate Change and Adaptation Behavior in Agriculture: Evidence from Farming Practices in Bangladesh”, 44th Eastern Economic Association Annual Conference (March 1-4, 2018), Boston, MA.
9. Jiang\*, F. and P. Mozumder 2018. “Estimating the Value of Statistical Lives from Hurricane Evacuation Behavior: An Empirical Analysis”, 44th Eastern Economic

Association Annual Conference (March 1-4, 2018), Boston, MA.

10. Pavel\*, T., N. Halim, and P. Mozumder 2017. "Internal Migration to Cope with Natural Hazards: The Role of Transient Versus Permanent Shocks", Presented at the 87th Southern Economic Association Annual Meeting (November 17-19, 2017), Tampa, FL.
11. Mozumder, P. 2017. Invited to speak on "Utility Disruptions During Hurricane Sandy: Impacts on Health and Well-being in the Path of Recovery", Network Dynamics and Simulation Science Laboratory (October 6, 2017), The Biocomplexity Institute, Virginia Tech, Blacksburg, VA.
12. Mozumder, P. 2017. "Valuation of Ecosystem Services and Conservation Auctions", Sustainable Development Planning Roundtable, 2017 Natural Capital Symposium at Stanford University, Palo Alto, California, March 20-23, 2017.
13. Mozumder, P., E. V. Vleet\* and D. Bray 2017. "Conservation Auctions and Payments for Multiple Environmental Services: A Field Experiment in Oaxaca", 43rd Eastern Economic Association Annual Conference (February 24-27, 2017), New York City.
14. Pavel\*, T., N. Halim, and P. Mozumder 2017. "Coastal Vulnerability and Internal Migration: Evidence from Bangladesh", 43rd Eastern Economic Association Annual Conference (February 24-27), NY City.
15. Jiang\*, F. and P. Mozumder 2017. "Time Preference and Dynamics of Evacuation Behavior: Evidence from Hurricane Ike and Hurricane Sandy", 43rd Eastern Economic Association Annual Conference (February 24-27), NY City.
16. Jiang\*, F., B. Talukder\* and P. Mozumder 2016. "Market Responses to Hurricane Exposures in Florida", Presented at the 86th Southern Economic Association Annual Meeting (November 19-21, 2016), Washington, DC.
17. Pavel\*, T. and P. Mozumder 2016. "Coastal Vulnerability and Household Preferences for Adaptation: State vs. Federal Approach", Presented at the 86th Southern Economic Association Annual Meeting (Nov. 19-21, 2016), Washington, DC.
18. Pavel\*, T. and P. Mozumder 2016. "Climate Change and Adaptation Behavior in Agriculture: Evidence from Farming Practices in Bangladesh", Presented at the 86th Southern Economic Association Annual Meeting (Nov. 19-21, 2016), Washington, DC.
19. Mozumder, P. 2016. "Valuation of Ecosystem Services and Conservation Auctions", Presented Seminar at the Department of Environmental Conservation (October 21, 2016), University of Massachusetts, Amherst, MA.
20. Mozumder, P., E. V. Vleet\* and D. Bray 2016. "Conservation Auctions and Payments for Environmental Services: A Field Experiment in Oaxaca, Mexico", Symposium on Economic Experiments in Developing Countries (SEEDEC, July 12-13, 2016), Busara Center for Behavioral Economics, Nairobi, Kenya.
21. Mozumder, P., E. V. Vleet\* and D. Bray 2016. "Land Use Decision-making under Bundled PES Program", Presented at the Economic Science Association International Meeting (July 7-11, 2016), Jerusalem, Israel.
22. Mozumder, P., M. McKee and R. Berrens 2016. Status, Risk and Catching Up", Presented at the 7th International Conference of the French Association of Experimental



Economics (ASFEE, June 9-10, 2016), Cergy-Paris, France.

23. Mozumder, P., M. McKee and R. Berrens 2016. Status Seeking Behavior and Risk Preference: An Experiment”, Presented at the 9th Maastricht Behavioral and Experimental Economics Symposium Theory and Experiments (June 6, 2016), Maastricht, Netherlands.
24. Hasan, S. A. and P. Mozumder “Income and Energy Use in Bangladesh: A Household Level Analysis”, Presented at the 50th Annual Conference of the Canadian Economic Association EA (June 3-5, 2016), Ottawa, Canada.
25. Mozumder, P. 2016. Valuation of Ecosystem Services for Environmental Decision Making in South Florida, Invited Lecture at the Harvard Forest (Friday, March 18, 2016), Petersham, MA.
26. Mozumder, P. 2016. Valuing Urban Flood Risk Reduction, South Florida Water Sustainability and Climate (SFWSC) Annual Project Meeting January 17-18, 2016 in Naples FL.
27. Halim, N. and P. Mozumder 2016. “Natural Disaster, Credit Availability and School Attendance: Evidence from Bangladesh”, Presented at the 2016 Population Association of America (PAA) Conference (March 31 to Apr 2, 2016, Washington DC).
28. Sikder, M. K. and P. Mozumder 2016. “Mapping Social Preferences for Everglades Restoration and Ecosystem Services in South Florida”, The Annual Meeting of Water Sustainability and Climate Program (March 9-11, 2016), National Science Foundation, Arlington VA.
29. Jiang\*, F. and P. Mozumder 2015. “Estimating the Value of Statistical Lives from Hurricane Evacuation Behavior: An Empirical Analysis”, 85th Annual Meetings (November 21-23, 2015), New Orleans, Louisiana.
30. Meng\*, S. and P. Mozumder 2015. “Willingness to Pay and Determinants of Household Choice for Sea Level Rise Adaptation Plan”, 85th Annual Meetings (November 21-23, 2015), New Orleans, Louisiana.
31. Mozumder, P. 2015. “Community Participation and Valuation of Forest-based Ecosystem Services in Mexico: Implications for Bangladesh”, Invited Seminar at the Dhaka School of Economics (August 16, 2015), Dhaka, Bangladesh.
32. Mozumder, P. 2015. “Valuation of Ecosystem Services in Bangladesh”, Invited Seminar at the Dept. of Geography and Environment, University of Dhaka (August 10, 2015), Dhaka, Bangladesh.
33. Halim, N. and P. Mozumder 2015. “Natural Disaster and Sickness Shocks: Evidence of Informal Insurance from Bangladesh”, Invited Seminar at the Dept. of Economics, North South University (August 9, 2015), Dhaka, Bangladesh.
34. Mozumder, P. 2015. “Financing Environmental Conservation for Ensuring Sustainable Development: The Potential Role of Banking Sector in Bangladesh Perspective”, Invited Seminar at the Central Bank of Bangladesh (August 6, 2015), Dhaka, Bangladesh.
35. Mozumder, P. 2014. "Socio-Economic and Behavioral Aspects of Hurricane Evacuation Decision Making”, National Hurricane Center (April 10<sup>th</sup>), Miami, Florida.

36. Mozumder, P. and N. Seeteram\* 2014. Integrated valuation of ecosystem services in the Everglades, South Florida Water Sustainability and Climate Project Annual Meeting (January 18, 2014), Haines City, FL 33844.
37. Harper\*, J. and P. Mozumder, 2014. Stakeholders' Preference for Coral Reef Conservation and Sustainable Coastal Resource Management. 2014 FCE LTER All Scientists Meeting, Deering Estate at Cutler, Miami, Florida, March 10, 2014.
38. Mozumder, P. 2014. "Emission Tax, Health Insurance and Crowding out of Energy Conservation Behavior: An Experiment", Invited Presentation at the University of the Basque Country (UPV, Nov 12, 2014), Bilbao, Spain.
39. Mozumder, P. 2014. "Natural Disaster and Sickness Shocks: Evidence of Informal Insurance from Bangladesh", Invited Presentation at the Basque Centre for Climate Change (Nov 13, 2014), Bilbao, Spain.
40. Mozumder, P. 2014. "Valuation of Ecosystem Services for Environmental Decision-Making in South Florida", Invited Presentation at the Department of Geography (Nov 14, 2014), Universitat Autònoma de Barcelona (UAB), Barcelona, Spain.
41. Invited to speak at the Trans-Caribbean Political Economy and Public Policy Cluster (PEPP) at the Sir Arthur Lewis Institute for Social and Economic Studies (SALISES, December 6<sup>th</sup>, 2013), University of the West Indies, Kingston, Jamaica.
42. Dixon, D., P. Mozumder, and W. Vasquez 2013. "The importance of neighborhood in hurricane evacuation", Presented at the 88th Annual Conference of the Western Economics Association International (30 June 2013), Seattle, WA.
43. Invited to speak at the 5th FIU-LACC Affiliated Faculty Colloquium: The Caribbean (March 22, 2012), Florida International University, Miami, FL.
44. 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).
45. Invited to speak at the FIU Teach-in Session on Crisis in Japan after The Fukushima Daiichi Nuclear Disaster (March 23, 2011).
46. 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).
47. Presented at the NSF-NOAA Workshop on Communicating Hurricane Risk Information (11-12 April, 2011, Miami, FL).
48. Presented at the International Research Committee on Disasters Researchers Meeting (July 12-13, 2011, Broomfield, Colorado).
49. Organized, Chaired and Presented at the Southern Economic Association Meetings (2011, 2010, 2009, 2008, and 2007).
50. Presented and Discussed Paper at Canadian Economic Association Conference (May 28-30, 2010, Quebec City).
51. Presented at the Center for Environmental and Resource Economic Policy (CEnREP) Camp Resources Summer Workshop (June 24 – 25, 2010, NC).

52. Presented at the Enabling the Next Generation of Hazards and Disasters Researchers Workshop (June 20-21, 2010, Washington, DC).
53. Presented at the 'Enabling the Next Generation of Hazards and Disasters Researchers Workshop' (June 20-21, 2010, Washington, DC).
54. Presented at the Canadian Economic Association Conference (May 2010).
55. Presented at the NOAA-FIU Hurricane Alliance Research Program Workshop (March 18-19, 2010).
56. Invited to give a presentation at the FIU-Energy Research Group on Economic and Behavioral Aspects of Renewable Energy Use (March 2010).
57. Presented at the Eastern Economic Association Conference (2012-Boston, 2010-Philadelphia).
58. 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).
59. Presented at the Hazards and Disasters Researchers Meeting organized by Natural Hazards Center, University of Colorado, Boulder (2008, 2009).
60. Invited to give a Presentation at the Natural Resource and Environmental Economics Seminar at the Texas A&M University (2008).
61. Participated in Next Generation of Hazards and Disasters Researchers Workshop (July 12-14, 2009, Broomfield, Colorado, Sponsored by NSF).
62. Participated in NOAA-Nature Conservancy Reef Resilience Workshop (April 22-23, 2009; Key Largo, FL).
63. Presented at the Department of Earth and Environment (Previously Dept. of Environmental Studies), Florida International University (2007, 2009, 2012).
64. 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).
65. Presented at the Houston Advanced Research Center (HARC), Houston, TX (2006).
66. Presented at the Allied Social Science Association, Boston, MA (2006).
67. Presented at the Environmental and Resource Economics Workshop, Colorado (2005, 2003).
68. Presented at the Western Social Science Association (Albuquerque, NM 2005, Las Vegas, NV 2003).
69. Presented at the Dept. of Economics, University of Alaska, Fairbanks (2005);
70. Presented at the Economics Science Association Conference (Tucson, AZ 2003).
71. Graduate Intern Research Symposium, Los Alamos National Laboratory, New Mexico (2002, 2003).
72. 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).

73. Participated in Workshop on Advanced Techniques in General Equilibrium Modeling with GAMS by ECOMOD (Washington, DC, 2004).
74. Participated in Environmental & Resource Economics Workshop (Colorado 2003, 2005).
75. Presented at the Environmental Health Association (Albuquerque, NM 2002).
76. Presented at the American Water Resources Association Conference (Albuquerque, NM 2001).

### **Grant Proposals (pending)**

1. CNH2-L: Ecological Interactions and Sustainability Dynamics within a Tightly Coupled Social-ecological System in an Afro-tropical Peat Swamp Forest (P Mozumder: Co-PI, PI: M. Shirley; Submitted to National Science Foundation, budget \$1.6 Million).
2. Advancing Resilience Capacity through Infusing Communication and Educated Adaptation ((P Mozumder: Co-PI, PI: A. M. Sadri; Submitted to National Science Foundation, budget \$403K).
3. Climate Change Effects on Future Land Use Decisions for Sustaining Agriculture and Silviculture Industries in the Southeastern US (P. Mozumder: Co-PI, PI: Elizabeth A Kramer (UGA), in collaboration with UGA and UIUC; submitted to USDA, budget of my portion \$500K).
4. Enhancing Coastal Community Resilience and Well-Being in the Gulf of Mexico Region (P. Mozumder: Co-PI, PI: L. Peek; A Multi-University Grant Proposal submitted to The Gulf Research Program (GRP) of the National Academies of Sciences, Engineering, and Medicine and Robert Wood Johnson Foundation (RWJF); budget of my portion \$250 K).
5. NRT-IGE: Graduate Certificate in Risk Management and Environment-Linked Finance (RMELF; P Mozumder: Co-PI, PI: E. Villamor; Submitted to National Science Foundation, budget \$421K).

### **Funded Research at FIU**

1. Economic Value of Hurricane Forecasts Attributes (PIs: D. Letson, P. Mozumder and R. Molina, Approximate budget \$400k, 2018-2020). National Weather Service, National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Commerce.
2. CRISP Type 2: Collaborative Research: Organizing Decentralized Resilience in Critical Interdependent-infrastructure Systems and Processes (ORDER-CRISP). A Multi-University (FIU, UCF, BU, VT, WVU, GWU) National Science Foundation (Lead PI: P. Mozumder, Total budget: \$2 Million, 2019-2022).
3. WSC-Category 2 Collaborative: Robust Decision-making for South Florida Water Resources by Ecosystem Service Valuation, Hydro-economic Optimization, and Conflict Resolution Modeling (2013-2018, Co-PI: P. Mozumder, PI: M. Sukop, Sponsor: National Science Foundation, Total Award to FIU: \$1,443,863, My Portion: \$333,520).

4. Communicating Forecast Information to Optimize Evacuation Behavior (2009-2013, PI: P. Mozumder, Co-PI: Hugh Gladwin, Sponsor: National Science Foundation, Award: \$391,145).
5. 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).
6. 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)).
7. 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.
8. Socioeconomic Conditions and Linkages to Freshwater Ecosystem Services of the Ruvu River Sub Basin, Tanzania, (Award: \$3000, 2013, PI of Subcontract from Global Water for Sustainability (GLOWS) for The Tanzania Integrated Water Sanitation and Hygiene Program ((iWASH), United States Agency for International Development (USAID)).
9. Equitable Payment for Watershed Services Mechanism for the Transboundary Mara River Basin (Award: \$5000, 2012, PI of Subcontract from Global Water for Sustainability (GLOWS), United States Agency for International Development (USAID)).
10. 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.
11. 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.
12. 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).
13. Faculty Research Grant (2008-2009), College of Arts and Science, FIU (PI: P. Mozumder; Award \$5,000).

**Collaboration in Institutional Grant:** UniversityCity Prosperity Project: Advanced Transit Oriented Development and Informed Traveller Program (2013-2018, PI: N. Rische, One of the Co-PIs: P. Mozumder; US Department of Transportation, Total Award to FIU 11.3 Million).

#### **Previous Grants, Honors and Awards**

1. Faculty Research Grant (P. Mozumder and T. Randhir), University of Massachusetts, Amherst (Spring 2006, \$30, 000 with 50% Match).

2. Post-Doctoral Fellowship (October 2005-June 2007) at The Environmental Institute (TEI), University of Massachusetts (US Department of Energy, \$90,000), Amherst, MA.
3. Graduate Research Development (GRD) Grant at the UNM for Independent Research (Spring 2003, \$2500).
4. Travel Grant by the Environmental and Resource Economics Workshop Committee of University of Colorado, Boulder (Summer 2003, \$800).
5. J. Raymond Stuart Prize in Economics at the UNM (Spring 2001, \$500).
6. Economic Graduate Student Organization (EGSO) Research Fund for Individual Research at the UNM (Spring 2002, \$400).
7. Student Research Allocation Committee (SRAC) Grant at the UNM for independent research (Fall 2002, \$500).
8. Outstanding Oral Presentation Prize at Symposium 2002 and 2003 in Los Alamos National Laboratory, New Mexico.
9. Teaching and Research Assistantship at the UNM (2000-2005).
10. 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. Eastern Economic Association (EEA)
7. Western Economic Association International (WEAI)
8. Omicron Delta Epsilon (ODE - International Economics Honor Society)
9. South Asian Network for Development and Environmental Economics (SANDEE)
10. Bangladeshi Young Economists (BYE)

11. Association for Economic and Development Studies on Bangladesh (AEDSB)

## **OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE**

### **(A) Reviewer of Manuscripts in Journal**

#### **Economics Journal**

Australian Journal of Agricultural and Resource Economics (2015);  
Berkley Electronic Journal of Economic Analysis & Policy (2012);  
Economics Bulletin (2018);  
Ecological Economics (2005, 2011, 2015, 2016, 2017, 2018);  
Energy Economics (2006, 2010, 2011, 2017, 2018);  
Environment and Development Economics (2012, 2015);  
Environmental and Resource Economics (2006, 2011);  
Journal of Economic Behavior and Organization (2016);  
Journal of Environmental Economics and Management (2009, 2010);  
Marine Resource Economics (2013);  
Resource and Energy Economics (2012);

#### **Interdisciplinary Journals**

Applied Energy (2008);  
Applied Geography (2010);  
Climate Policy (2017)  
Contemporary Economic Policy (2007, 2009);  
Environmental Biology of Fishes (2015);  
Energy and Environment (2018);  
Environmental Management (2006, 2009, 2010, 2013, 2016, 2017);  
Environmental Modeling and Assessment (2012);  
Environmental Monitoring and Assessment (2011);  
Himalayan Journal of Development and Democracy (2006);  
International Journal of Disaster Risk Reduction (2017)  
International Journal of Ecological Economics and Statistics (2006);  
International Journal of Mass Emergencies and Disasters (2011);  
Journal of Environmental Management (2008, 2010, 2011, 2012);  
Journal of Environmental Planning and Management (2009);  
Journal of Infrastructure Systems (2008);  
Journal of Water, Sanitation and Hygiene for Development (2015, 2016);  
Lake and Reservoir Management (2013);  
Landscape and Urban Planning (2017, 2018);  
Natural Hazards Review (2007, 2008, 2013, 2012, 2010, 2015, 2016, 2018);  
PLOS One (2016, 2017, 2018)  
Proceedings of National Academy of Sciences (2010);  
Regional Environmental Change (2016);  
Risk Analysis (2009, 2010);  
Sustainability (2011, 2016, 2017, 2018);  
Sustainable Cities and Society (2017, 2018);  
Suburban Sustainability (2015);  
Wetland Ecology and Management (2011);

Water Resources Research (2007, 2009, 2012, 2013);  
Weather, Climate and Society (2011, 2012, 2013, 2017)

**(B) Participation in Proposal Review/Panel Member**

1. NSF Review Panel: Served in the NSF Review Panel in Infrastructure Management and Extreme Events (IMEE) in May 2016 (Program Director: David Mendonca).
2. Reviewer, Geography and Spatial Sciences (GSS) Program at the National Science Foundation in November 2016 (Program Director: Thomas J. Baerwald).
3. Reviewer, Infrastructure Management and Extreme Events (IMEE) Program at the National Science Foundation in 2012 and 2014 (Program Director: Dennis Wenger).
4. Reviewer, Decision, Risk and Management Sciences (DRMS) Program at the National Science Foundation in 2011 and 2012 (Program Director: Robert O'Connor).
5. Reviewer, Social Science Weather Research Program, Oceanic and Atmospheric Research (OAR), National Oceanic and Atmospheric Administration, NOAA (2012)
6. Reviewer, Gulf of Mexico and Texas Sea Grant (2011, 2013)
7. Reviewer, National Oceanic and Atmospheric Administration (NOAA) - Sectoral Applications Research Program (2009, 2010)
8. Reviewer, Public Entity Risk Institute Dissertation Fellowships in Hazards, Risk, and Disasters (PERISHIP) Fellowship (2010, 2012)
9. Reviewer, South Asian Network for Development & Environmental Economics (SANDEE) Annual Grant Competition (2009, 2010, 2012, 2013, 2014, 2015, 2016, 2017, 2018)
10. Reviewer, Social Sciences and Humanities Research Council of Canada (2012, 2008)
11. Reviewer, United States Department of Agriculture - Hatch Grant (2007, 2015)
12. Reviewer, Tinker Award Selection at the Latin American & Caribbean Center at FIU (2011).

**(C) Textbooks Reviewed**

1. Environmental & Natural Resource Economics by Tom Tietenberg and Lynne Lewis (10<sup>th</sup> Edition) Pearson Publishing (2012).
2. Research Tools in Natural Resource and Environmental Economics by Amitrajeet Batabyal, World Scientific Publishing (2010).



3. 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 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.
3. Designed a Website (<http://climate.fiu.edu/>) to Disseminate Information on Local Adaptation Behavior in the face of Climate Change and Sea-level Rise.
4. Department Representative (Earth & Environment, 2010-Present) to the Faculty Advisory Board, Latin American and Caribbean Center (LACC) at FIU.
5. Member, Earth & Environment Department Graduate Committee (2013-2017) at FIU.
6. Earth & Environment Department Representative at the College of Arts & Science Library Committee (2007-10) at FIU.
7. Environmental Studies Undergraduate Committee (2007-09) at FIU.

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

1. **Mozumder, P.** and C. Chatterjee\* 2018. "Pollution Tax, Health Insurance and Information: A Policy Experiment for Promoting Energy Efficiency", Presented at Economic Science Association Conference (2016), Fort Lauderdale, FL; Under Review in *Journal of Environmental Economics and Management*.
2. **Mozumder, P.**, E. Van Vleet\* and D. Bray 2017. "Conservation Auction and Payments for Ecosystems Services: A Field Experiment in Oaxaca, Mexico", Presented at the Symposium for Economic Experiments in Developing Countries, Organized by the Busara Center for Behavioral Economics, Nairobi, Kenya (July 12-13, 2016); To be Submitted to *American Journal of Agricultural Economics*.
3. Sikder\*, M. and **P. Mozumder** 2017. "Risk Perceptions and Adaptation to Climate Change and Sea Level Rise: Insights from General Public Opinion Survey in Florida"; Revised and Resubmitted to *Science of the Total Environment*.
4. Meng\*, S. and **P. Mozumder** 2017. "Hurricane Sandy: Damages, Disruptions and Pathways to Recovery"; Revision Requested from *Risk Analysis*.
5. **Mozumder, P.**, D. B. Bray and L. R. Nieratka\* 2017. "Land Use Zoning and Willingness To Accept for Carbon Payments: Evidence from Two Community Territories in Oaxaca, Mexico";

Revision Requested from *Ecosystem Services*.

6. Asadi\*, M., **P. Mozumder**, M. Bhat, M. Sukop, J. Rehage 2018. "Evaluating the Economic Impacts of Recreational Charter Fishing in Florida"; To be Submitted to *Marine Resource Economics*.
7. Sikder\*, M. Sukop and **P. Mozumder** 2018. "Spatial mapping of public preference for the Ecosystem Services of the Everglades"; To be Submitted to *Water Resources Research*.
8. Meng\*, S. and **P. Mozumder** 2018. "Willingness to Pay and Determinants of Household Choice for Sea Level Rise Adaptation Plan"; To be Submitted to *Climatic Change*.
9. Jiang\*, F. and **P. Mozumder** 2018. "Estimating the Value of Statistical Lives from Hurricane Evacuation Behavior: An Empirical Analysis", 85th Annual Meetings (November 21-23, 2015), New Orleans, Louisiana; To be Submitted to *Resource and Energy Economics*.
10. Halim, N. and **P. Mozumder** 2018. "Natural Disaster, Credit Availability and School Attendance: Evidence from Bangladesh" (Presented at the 2016 Population Association of America (PAA) Conference); To be Submitted to *World Development*.
11. Pavel, T. and **P. Mozumder** 2018. "Costal Vulnerability and Household Preferences for Adaptation: State vs. Federal Approach", Presented at the 86th Southern Economic Association Annual Meeting (November 19-21, 2016), Washington, DC; To be submitted to *Economics of Disasters and Climate Change*.
12. Halim, N. and **P. Mozumder** 2018. "Natural Disaster and Sickness Shocks: Evidence of Informal Social Insurance" (Submitted for Presentation at the 2015 Population Association of America (PAA) Conference); To be Submitted to *Health Economics*.
13. **Mozumder, P.**, A. Shafran, and J. Kruse 2018. "Investigating Hurricane Risk Mitigation Behavior: A Policy Experiment" (Presented at the 2015 Southern Economic Association Meeting); To be Submitted to *Journal of the Association of Environmental and Resource Economists*.
14. **Mozumder, P.**, M. McKee and R. Berrens 2018. "Status, Risk, and Catching Up", Presented at the 7th International Conference of the French Association of Experimental Economics (ASFEE, June 9-10, 2016), Cergy-Paris, France; To be Revised and Resubmitted to *Economica*.
15. Jiang\*, F. Talukdar\*, M. B. and **P. Mozumder** 2018. "Market Responses to Hurricane Mitigation Measures in Florida", Presented at the 83rd Southern Economic Association Meetings, November 23-25, 2013, Morriott Waterside Hotel and Marina, Tampa, Florida; Submitted to *Journal of Real Estate Finance and Economics*.
16. Pavel, T. and **P. Mozumder** 2018. "Climate Change and Adaptation Behavior in Agriculture: Evidence from Farming Practices in Bangladesh", Presented at the 86th Southern Economic Association Annual Meeting (November 19-21, 2016, Washington, DC); To be Submitted to *Global Environmental Change*.

17. Halim, N. and **P. Mozumder** 2018. “Coastal Vulnerability and Livelihood Security: Exploring the Pathways of Recovery and Resilience in Bangladesh”, Presented at the 86th Southern Economic Association Annual Meeting (November 19-21, 2016, Washington, DC); To be Submitted to *Journal of Development Economics*.

18. **Mozumder, P.** and F. Jiang\* 2017. “Time Preference and Dynamics of Evacuation Behavior: Evidence from Hurricane Ike and Hurricane Sandy”, 43rd Eastern Economic Association Annual Conference (February 24-27), NY City; To be Submitted to *Journal of Economic Behavior and Organization*.

19. **Mozumder, P.** and S. Tahsin\* 2018. “Endogenous Risk Perception, Geospatial Characteristics and Temporal Variation in Hurricane Evacuation Behavior”, Presented at the Natural Hazard Workshop (June 22-25, 2014), Colorado, Boulder; To be Submitted to *Journal of Risk and Uncertainty*.

20. **Mozumder, P.**, E. Van Vleet and D. Bray 2018. “Land Use Decision-making under Bundled Payment for Ecosystems Services Program”, Presented at the Economics Science Association World Meeting, Jerusalem, Israel, July 8-11, 2016); To be Submitted to *Land Economics*.

#### **TEACHING ACTIVITIES AT FIU**

Spring 2015, 2016, 2017 Natural Resource Conservation and Policy (Jointly with Hong Liu and Jennifer Rehage)

Summer 2015, Summer 2016, Fall 2015, Fall 2016: U.S. Environmental Policy

Fall 2013, Fall 2014, Fall 2015, Fall 2016: Introduction to Environmental Economics

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)

Natural Resource Conservation and Policy (Capstone Required Course for Graduate Students in Dept. of Earth and Environment).

## STUDENTS ADVISING AT FIU

### CHAIR IN MASTERS THESIS (EARTH & ENVIRONMENT)

**Lara Kiesau** (Chair, Masters in Earth & Environment, Concentration: Natural Resource Management, Fall 2018- Ongoing).

**Mustafa Sikder** (Chair, Earth and Environment, Masters, Graduated in Summer 2016): Analyzing Spatial Variability of Preferences for Everglades' Ecosystem Services. Current Position: PhD Candidate, Dept. of Civil and Environmental Engineering, Tufts University.

**Mehrnoosh Asadi** (Chair, Earth and Environment, Masters, Graduated in Summer 2016): Saltwater and Freshwater Anglers Preferences for Ecosystem Services Provided by Everglades. Current Position: PhD Candidate, Dept. of Economics, Florida International University.

**Nadia Seeteram** (Chair, Graduated in Fall 2014): Valuation of Ecosystem Services for Environmental Decision Making in South Florida. Current Position: Climate and Sustainability Analyst, Department of Environment Protection, New York City, NY.

**Jim Harper** (Chair, Graduated in Spring 2014): Understanding Social Concerns for Coral Reefs Restoration in Southeastern Florida. Current Position: Marketing and Communications Specialist, Feed the Future Innovation Lab, University of Florida, Gainesville, FL.

**Sandra Maina** (Chair, Graduated in Summer 2014): Land loss, community vulnerability and coastal restoration efforts: investigating the role of Vanishing Points (an iphone application for motivating community and national involvement). Current Position: Data Monitoring Technician at Technicians for Sustainability (TFS), Tucson, Arizona.

**Sabrina Tahsin** (Chair, Graduated in Summer 2014): Forecasting hurricane vulnerability by land use change pattern and evacuation need assessment. Current Position: Drainage Engineer, Kisinger Campo & Associates, Corp. Orlando, Florida.

**Caitlin Farnung** (Chair, Graduated in Summer 2015): Women's empowerment through organizational capacity building: cassava production and fruit tree nurseries in Cameroon (Masters with Peace Corp Program). Current Position: Assistant Director at Dazzling Discoveries, New York City, NY.

**Liliana Helo** (Chair, Graduated in Spring 2014): Assessing consumers' attitudes and preferences for environmentally sustainable attributes of food and beverage products. Current Position: Assistant Manager, HESUC Ltd. (Private Property Management Company), Miami, FL.

**Brett Pierce** (Chair, Graduated in Fall 2011): Perceptions and preferences of commercial fishers in the Florida Keys for alternative management frameworks. Current Position: Analyst, Fishery Monitoring Branch, Southeast Fisheries Science Center, NOAA, Miami, FL.

**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”. Current Position: Environmental Sustainability Coordinator at City of Hollywood, FL.

**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. Current Position: Research Associate, Social Science Research Lab, International Hurricane Research Center, Miami, FL.

#### **CO-CHAIR IN MASTERS THESIS (STATISTICS)**

**Fan Jiang** (Co-chair, Masters in Statistics, Graduated in Summer 2013): Application of a Bivariate Probit Model to Investigate the Intended Evacuation from Hurricane. Current Position: PhD Candidate, Dept. of Economics, FIU.

**Yuanyuan Lu** (Co-chair, Masters in Statistics, Graduated in Summer 2015): An Analysis of Hurricane Evacuation Behavior During Hurricane Ike and Rita. Current Position: Statistical Analyst in the Private Sector.

**Damon Fitzgerald** (Co-Chair, Masters in Statistics, Graduated in Summer 2014): Household Preferences for Financing Hurricane Risk Mitigation: A Survey Based Empirical Analysis. Current Position: Statistician, Assurant Insurance, Miami, FL.

#### **CHAIR IN Ph.D DISSERTATION (EARTH & ENVIRONMENT)**

**Joseph Sinicrope** (Chair, Ph.D in Earth & Environment, Concentration: Natural Resource Science and Management, Fall 2016- Ongoing; Pre Proposal).

#### **CHAIR IN Ph.D DISSERTATION (ECONOMICS)**

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

**Fan Jiang** (Chair, Economics, Ph.D, Spring 2015-): Empirical Analyses of Behavioral Response to Natural Hazard Risks (Defending in Summer 2018). Current Position: Shanghai University of International Business and Economics, Shanghai, China.

**Sisi Meng** (Chair, Economics, Ph.D, Graduated in Summer 2016): Economic Aspects of Natural Hazard Risks and Mitigation. Current Position: Visiting Assistant Professor at the University of

Notre Dame, Notre Dame, IN.

**Tanvir Pavel** (Chair, Economics, Ph.D, Spring 2016-): Adaptation Behavior to Cope With Climate Change and Natural Hazard Vulnerability (Defending in Summer 2018). Current Position: Lecturer, Aims Community College, Greeley, CO.

#### **COMMITTEE MEMBER IN MASTERS THESIS (EARTH AND ENVIRONMENT)**

Eric Van Vleet (Committee Member, Graduated in Spring 2012-): From Passive to Active Community Conservation: A Study of Forest Governance in a Region of the Sierra Norte of Oaxaca, Mexico. Current Position: PhD Candidate, Dept. of Global & Sociocultural Studies, FIU, Miami, FL.

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. Current Position: Science Teacher, Miami-Dade County Public Schools, Miami, FL.

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. Current Position: Coordinator of Research Programs, Extreme Events Institute, FIU, Miami, FL.

Dionne Dacosta (Committee Member, Graduated in Spring 2010): An economic valuation analysis of Buccoo Reef marine park, Tobago West Indies. Current Position: Analyst at Waterman Energy, Environment & Design, UK.

Karen Pannocchia (Committee Member, Graduated in Summer 2009): The economic and environmental implications of tourism growth on the United States Virgin Islands. Current Position: Project Management Specialist at USAID, Dominican Republic.

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. Current Position: Assistant Professor, Department of Public Affairs and Security Studies, University of Texas at Rio Grande Valley.

#### **COMMITTEE MEMBER IN Ph.D DISSERTATION**

Kishore Dhavala (Committee Member, Graduated in Fall 2012): Essays on emissions trading markets. Current Position: Assistant Professor, Nalanda University, Nalanda, Bihar, India.

Yu Chen (Committee Member, Spring 2010-): Essays on intergenerational and regional aspects of water management. Current Position: Business Analyst at Polen Capital (Miami) and Adjunct Faculty, Broward College, FL.

Brian Machovina (Ph.D in Biology, Committee Member, Graduated in Spring 2015): The roles of agro-ecology in rainforest conservation. Current Position: President at MacEndeavors, Inc.

Rachel Emas (Ph.D in Public Administration, Committee Member, Graduated in Summer 2015): Comparing sustainable development policy initiatives in four developed and developing

countries. Current Position: Assistant Teaching Professor and Program Coordinator School of Public Affairs and Administration Rutgers University-Newark.

Kollol Shams (Ph.D in Civil and Environmental Engineering, Committee Member, Graduated in Fall 2016): Understanding the Value of Travel Time Reliability for Freight Transportation to Support Freight Planning. Current Position: Travel Demand Modeler, HDR, Miami.

Camila Caceres (Ph.D in Biology, Committee member, Ongoing: Post Proposal).

Christina Brown (Ph.D in Earth and Environment, Committee member, Ongoing: Post Proposal)

Kevin Cavazos (Ph.D in Earth and Environment, Committee member, Ongoing: Post Proposal)

Tamanna Ashraf (Ph.D in Political Science and International Relations, Committee member, Ongoing: Pre Proposal).

### **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: Mapping Ecosystem Services in South Florida

Charmille Kirton (Fall 2013) Topic: Valuation of Ecosystem Services Provided by the Everglades

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)

### **ADVISING VISITING SCHOLARS AT FIU**

Briana Bombana (PhD Candidate, Dept. of Geography, Autonomous University of Barcelona, Spain in 2017).

Jana Zítková (PhD Candidate, Dept. of Applied Ecology, Faculty of Environmental Sciences, Czech University of Life Sciences Prague in 2018).

### **POSTDOC ADVISING AT FIU**

Eduardo Ariza (2012-2014: A Comparative Analysis of Beach Management in the USA and Europe); Current Position: Faculty at the Dept. of Geography, Autonomous University of Barcelona, Spain.

David Dixon (2013-2014: Heterogeneity in Hurricane Induced Risk Averting Behavior); Current Position: Lecturer at the Dept. of Economics, University of New Mexico, Albuquerque, NM.

Allan Popak (2016-2017: Valuation of Ecosystem Services: Bee Pollination in Passion Fruit Farm); Current Position: Research Scientist, Florida Atlantic University, Boca Raton, Florida.

## **OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICES**

1. **10 Year Service Award Certificate of Appreciation** in recognition to service and dedication by the Florida International University (2017).
2. Received FIU College of Arts, Science and Education (CASE) **Distinguished Faculty Award for Outstanding Research** in 2015-2016 Academic Year.
3. Participated as the Lead Panelist in the Panel Discussion on **Economics of Water** (Sept 30, 2015) organized by Greater Miami Chamber of Commerce and FIU.
4. Gave Presentation to the City of North Miami on **Program for Adaptation to Climate Change and Extreme Events** (North Miami City Council Meeting, January 26th, 2015).
5. Director of Socio-Ecological System Research Group at The Institute of Water and Environment (InWE) at FIU (coordinate meetings and seminars for an Organized Research Group consisting of 20/30 faculty members).
6. Valuation of Ecosystem Services Task Group Lead, South Florida Water, Sustainability, and Climate Project (SFWSC), Funded by National Science Foundation's Water, Sustainability, and Climate Program and USDA's National Institute of Food and Agriculture (2013-2018).
7. Group Leader, The Finance and Economics Subgroup for FIU-City of Miami Beach Sea Level Rise Initiative.
8. Member of Miami-Dade County Local Mitigation Strategy Working Group.
9. Member of Miami-Dade County Climate Change Advisory Task Force Economic, Social & Health Committee.
10. Member of the Florida Hurricane Alliance Working Group, a multidisciplinary research group sponsored by NOAA.
11. Designed the Outreach Program for Adaptation to Climate Change and Extreme Events (PACE) at Florida International University (<http://climate.fiu.edu>).
12. Nominated for **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>).

13. 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).

14. Organized and Coordinated (with Hugh Gladwin) Planning Meeting for NSF funded Hurricane Evacuation Research at FIU, Participants: Faculties from Texas A&M, Virginia Tech, Rensselaer Polytechnic Institute, and FIU.

15. Short-term International Consultant, Methodology Development for Social and Environmental Impacts Assessment of Investment Climate Reforms in Kenya (International Finance Corporation, World Bank, Nairobi Kenya, 2016-18).

16. Presented Research Findings to Monroe County Sea Level Rise Workshop.

17. Presented Research Findings to Miami-Dade Climate Change Advisory Task Force (Economic, Social & Health Adaptation Committee).