

## Nadia A. Seeteram

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*Florida International University*  
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### RESEARCH INTERESTS

**Climate migration; sea level rise adaptation; climate justice; decision- making under deep uncertainty, co-production**

### EDUCATION:

2019- Present Ph.D., Earth System Science, School of Environment, Arts, and Society, Florida International University, Miami, FL, USA  
2012- 2014 M.S. in Environmental Studies, School of Environment, Arts, and Society, Florida International University, Miami, FL, USA  
2008- 2012 B.S. in Psychology and Environmental Policy, Fordham College- Rose Hill, Fordham University, Bronx, NY, USA- *Magna Cum Laude*

### APPOINTMENTS/POSITIONS

2021- Present **University Graduate School Fellow**, Florida International University, Miami, FL, USA  
2019- 2021 **Teaching Assistant**, Department of Earth and Environment, Florida International University, Miami, FL, USA  
2019 **Summer Fellow**, Southeast Climate and Environmental Network, Fort Lauderdale, FL, USA  
2018 **Business & Research Analyst**, New York State Governor's Office of Storm Recovery, New York, NY, USA  
2015-2017 **Oak Ridge Institute for Science and Education (ORISE) Fellow**, United States Environmental Protection Agency, Athens, GA, USA  
2015 **Research Associate: Pulley Ridge Bio-Economic Sub- Project**, Department of Earth and Environment, Florida International University, Miami, FL, USA  
2013-2014 **Research Assistant: South Florida Water, Climate, Sustainability Research Project**, Department of Earth and Environment, Miami, FL, USA  
2013-2014 **Summer Research Assistant, International Hurricane Research Center, Department of Earth and Environment**, Florida International University, Miami, FL, USA  
2012 **Teaching Assistant**, Department of Earth and Environment, Florida International University, Miami, FL, USA

### PROFESSIONAL CONSULTANCIES

**2018-2019** **Consultant:** *Tropical Rivers Lab*  
*Florida International University, Miami, FL*  
**2013** **Consultant:** *Global Water for Sustainability Center*  
*Florida International University, Miami, FL*

**PUBLICATIONS (*Journal Articles*):**

**Seeteram, N. A.**, Hyera, P. T., Kaaya, L. T., Lalika, M., & Anderson, E. P. (2019). Conserving Rivers and Their Biodiversity in Tanzania. *Water*, 11(12), 2612.

**Seeteram, N.A.**, Bhat, M., Pierce, B., Cavasos, K., & Die, D. (2019). Reconciling economic impacts and stakeholder perception: A management challenge in Florida Gulf Coast fisheries. *Marine Policy*, 108, 103628.

**Seeteram, N. A.**, Engel, V., & Mozumder, P. (2018). Implications of a valuation study for ecological and social indicators associated with Everglades restoration. *Science of the Total Environment*, 627, 792–801.

(*Media Coverage*: The Miami Herald, FIU News, Tampa Bay Times)

***In Review/ Prep***

**Seeteram, N.A.**, Patton, D.A, Dvaskas, A., Prieto, L., Cyterski, M., Muche, M. and Johnston, J.M. (*In Review*). A Hedonic Assessment of Distance Decay in Willingness to Pay for Water Clarity Enhancements to Support Decision Making. *Water*.

Meng, S., Mozumder, P., & **Seeteram, N.A.** (*In Review*). WTP and Household Preferences for Sea Level Rise Adaptation among Yearlong and Seasonal Residents in Florida. *Journal of Environmental Psychology*.

**Seeteram, N.A.**, Ash, K., Sanders, B., Schubert, J., and Mach, K.J. (*In Prep*). Resilience for Whom: A Climate Mobility Framework for Equitable Sea Level Rise Adaptation.

**Seeteram, N.A.**, Anderson, E.P., Grove, K.J., Sanders, B., Schubert, J., and Mach, K.J. (*In Prep*) Fish in the Street and Rivers in the Concrete: Resident Perspectives on Climate Mobility in Miami-Dade County, FL, USA.

**PUBLICATIONS (*Reports and Other Media*):**

**Seeteram N.A.** and Koller, S. (2020). Corps should include nature-based and equitable solutions to flooding in Miami| Opinion. *The Miami Herald*.

Yee, S., Bousquin, J., Bruins, R., Canfield, T.J., DeWitt, T.H., de Jesús-Crespo, R., Dyson, B., Fulford, R., Harwell, M., Hoffman, J., Littles, C.J., Johnston, J.M., McKane, R.B., Green, L., Russell, M., Sharpe, L., **Seeteram, N.A.**, Tashie, A., and Williams, K. (2017). Practical Strategies for Integrating Final Ecosystem Goods and Services into Community Decision-Making. U.S. Environmental Protection Agency, Gulf Breeze, FL, EPA/600/R-17/266.

Johnston, J.M., de Jesus Crespo, R., Harwell, M., Jackson, C., Myer, M., **Seeteram, N.A.**, Williams, K., Yee, S., and Hoffman, J. (2017). Valuing Community Benefits of Final Ecosystem Goods and Services: Human Health and Ethnographic Approaches as Complements to Economic Valuation. U.S. Environmental Protection Agency, Athens, GA, EPA/600/R-17/30

Mozumder, P., Maina, S., Rodriguez, M.A., **Seeteram, N.A.**, and Tuhsin, S. (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

**Seeteram, N. A.,** and Mozumder, P. (2013). GLOWS\_FIU. "Socioeconomic Conditions And Linkages To Freshwater Ecosystem Services Of The Ruvu River Sub Basin, Tanzania". Global Water for Sustainability Center, Miami, FL.

**Seeteram, N.A.** (2012). "Global Climate Change versus Global Warming: What is the perceived difference "Global Climate Change" and "Global Warming?" Fordham University, New York.

## **MEDIA**

*Featured in:*

***The National Catholic Reporter-Earthbeat:*** Gentrification strikes Miami's Little Haiti as beach residents flee rising water, July 21, 2021.

***Atmos: The Frontline:*** The 'Doomsday' Glacier May Be in More Trouble than We Thought, April 12, 2021.

***The Palmetto Panther:*** California Wildfires Rage on, September 19, 2020.

***U News:*** Climate Change is pushing people and wildlife to new habitats, September 3, 2020.

***Peace Mural Foundation:*** We are Responsible, November 12, 2020

***Vermont Law School Environmental Justice Law Society:*** Trace the Roots: Voices Left out of Environmental Conversations, August 26, 2020.

***World Wildlife Federation,*** Miami Rising Up, 2019.

## **TEACHING EXPERIENCE**

***IHE Delft Institute for Water Education***

Fall 2020

WMG 2020-2022: What/Who makes Water Management and Governance Expertise  
(6 students; Miami-Dade County Case Coordinator)

***Florida International University***

EVR 1001: Intro to Environmental Science Lab (Instructor)

2019-2020/

(~20 students/course per semester; ~2 courses each semester)

2020- Summer  
2021

EVR 1017: Global Environment & Society (Teaching Assistant)

2012- 2013

(~120 students/course per semester, ~1 course each semester)

## **UNDERGRADUATE MENTOR OR RESEARCH SUPERVISOR**

**Current:** Summer 2021-Present, Jailine Molina (FIU; Research Supervisor for Summer Internship); Summer 2021- Present, Farrah Hassan (Vanderbilt University; Research Supervisor for Summer Internship)

**Past:** Fall 2020/ Spring 2021, Cynthia Fussell (FIU; Research Supervisor)

## **SERVICE**

Reviewer for: Science of the Total Environment (2018- Present); Climatic Change (2020- Present); Climate Risk Management (2021- Present)

Conference Organizer/Co-chair of Organizing Committee/ with Jessica Rodriguez, ComSciCon Miami 2019

## **HONORARY SOCIETIES/ PROFESSIONAL AFFILIATIONS**

Member of Sigma Xi- Fordham University Chapter  
Member of Phi Beta Kappa- Fordham University Chapter  
Member of the American Society for Adaptation Professionals  
Member of the National Science Policy Network: Southern Hub  
Member of the American Geophysical Union  
Student Affiliate at the Steven J. Cruz Institute for Media and Technology

## **RESEARCH GRANTS (Total: \$33,715)**

### ***Current:***

**Volo Foundation**, The Volo VISTA Award. Role: Co-PI and Project Manager. 2021.\$10,000.00

**U.S. National Science Foundation Doctoral Dissertation Research Improvement Grant (DDRIG) in Decision, Risk, and Management Sciences**. Role: Co-PI. 2021-2022. \$22,715.00, Award #2049887.

### ***Past:***

**Fordham University**, FCRH Undergraduate Research Grant (supported through NSF Grant SES 1125879). Role: Undergraduate Student. 2011. \$1000.00

## **HONORS/AWARDS (Total: \$94,895.00)**

**University Graduate School Florida International University**, Dissertation Year Fellowship. Role: Graduate Student. Fall 2021/ Spring 2022. To cover tuition and stipend support. \$16,800.00

**National Science Policy Network**, Science Communications Microgrant. Role: PI, Co-Chair and lead organizer for workshop. 2019. Provided partial funding for ComSciCom 2019 workshop. \$2,000.00

**University Graduate School Florida International University**, Dissertation Evidence Acquisition Award. Role: Graduate Student. Spring 2021. To cover tuition and stipend support. \$8,300.00

**Judith Parker Scholarship for International Travel and Research**. Role: Graduate Student. 2020. Awarded for travel to the Netherlands for research. \$500.00

**Florida International University**, Sea Level Solutions Center Graduate Student of the Year Award. Role: Graduate Student. 2019. \$500.00

**Florida International University Tropical Conservation Institute**, Travel Award. Role: Graduate Student. 2019. To cover travel expenses associates with attending Digital Storytelling Workshop at StoryCenter. \$1,200.00

**University of California at Berkeley StoryCenter**, Storytelling Workshop Scholarship. Role: Graduate Student. 2019. Scholarship to cover costs of workshop attendance. \$595.00

**Florida International University**, Teaching Assistantship. Role: Graduate Student. 2019-2020/2020-2021. To cover tuition and stipend support. \$23,000.00/ year.

**Florida International University**, Research Assistantship. Role: Graduate Student. 2013-2014. To cover tuition and stipend support (support through NSF Grant No. EAR-1204762). \$9,500.00/ year.

**Florida International University**, Teaching Assistantship. Role: Graduate Student. 2012-2013. To cover tuition and stipend support. \$9,500.00/ year.

## **MEETINGS/ WORKSHOPS/ COLLABORATIONS**

**The Resilient 305 Collaborative**, Virtual All Hands Bi-Monthly Meetings, Role: Graduate Student. 2020-Present (*meeting of ~60 academics, city and county government officials, community organizational staff, and other local decision makers across South Florida to co-produce resilience and adaptation research in Miami-Dade County*)

**Florida International University at D.C. Fly-In**, Virtual Meeting. Role: Participant. April 5-7, 2021 (*virtual meeting with professionals and legislative staff in D.C. to understand and lobby for environmental resilience policies benefitting FIU and South Florida*).

**ComSciCon Miami**, Miami Beach Urban Studios, FL. Role: Co-Chair, Organizer, Host. October, 5, 2019 (*science communication workshop for STEM graduate students organized by STEM graduate students; first ComSciCon satellite workshop in the state of Florida*).

**StoryCenter Digital Storytelling Workshop**, University of California at Berkeley, Role: Participant, July 17-19, 2019.

**Climate Reality Conference**, Atlanta, GA, Role: Participant, March 13-15, 2019.

**South Florida Water, Sustainability, and Climate Annual Meeting**, Naples, FL. Role: Graduate Student. 2015.

**South Florida Water, Sustainability, and Climate Annual Meeting**, Haines City, FL. Role: Graduate Student. 2014.

## **CONFERENCES**

“Resilience for Whom: A Climate Mobility Framework for Evaluating Equity Outcomes in Climate Change Adaptation,” At What Point Managed Retreat: Resilience, Relocation, and Climate Justice Virtual Conference, 06/23/2021.

“Resilience for Whom: A Climate Mobility Framework for Evaluating Equity Outcomes in Climate Change Adaptation,” American Geophysical Union Fall 2020 Conference, 12/09/2020.

“Resilience for Whom: A Climate Mobility Framework for Evaluating Equity Outcomes in Climate Change Adaptation,” Decision Making Under Deep Uncertainty Virtual 2020 Conference, 11/12/2020.

“Resilience for Whom: A Climate Mobility Framework for Evaluating Equity Outcomes in Climate Change Adaptation,” Association for Environmental Studies and Sciences Virtual 2020 Conference, 07/15/2020

“Assessing Governance Gaps within the Implementation of the Resilient 305 Strategy in Miami-Dade County”, RCN CoPE at Stevens Institute for Technology, 3/17,2020- *Postponed due to COVID- 19 Travel Restrictions*

“Resilience for Whom: A Climate Gentrification Framework for Evaluating Equity within Climate Change Adaptation Planning,” Florida International University Earth and Environment Graduate Symposium, 3/6/2020

“The Use of Hedonic Analysis within an Ecosystem Services Assessment to Inform post-Hurricane Sandy Recovery and Resiliency Planning in Long Island, NY.” U.S. Society for Ecological Economics 9<sup>th</sup> biennial conference, St. Paul, MN, June 2017.

“Lessons Learned from Developing an Ecosystem Services Framework for Post-Hurricane Sandy Recovery and Resiliency Planning on Long Island, NY.” A Community of Ecosystem Services (ACES), Jacksonville, FL, December 2016.

“Valuation of Ecosystem Services for Environmental Decision Making in South Florida,” Western Economic Association International (WEAI), Waikiki, HW, June-July 2015.

“Valuation of Ecosystem Services for Environmental Decision Making in South Florida,” A Community on Ecosystem Services (ACES) Conference, Washington D.C., December 2014.

“Valuation of Ecosystem Services for Environmental Decision Making in South Florida,” Department of Earth and Environment Graduate Symposium, Miami, FL, 2014.

“Valuation of Ecosystem Services for Environmental Decision Making in South Florida,” Annual South Florida Water, Sustainability, Climate Meeting, Orlando, FL, 2014.

“Global Climate Change versus Global Warming: Perceived Differences,” Fordham University Undergraduate Research Symposium, Bronx, NY, 2012.

### **INVITED TALKS/ PRESENTATIONS**

**American Geophysical Union 2021:** Fish in the Street and Rivers in the Concrete: Resident Perspectives on Climate Mobility in Miami-Dade County, FL, USA, December 2021. In the “Science and Society: Social and Behavioral Sciences” Session.

**Florida International University, Student Government Associated Lecture Series:** Fish in the Street and Rivers in the Concrete: Climate Mobility in Miami-Dade County, FL, USA, November 3, 2021.

**At What Point Managed Retreat: Resilience, Relocation, and Climate Justice Virtual Conference:** Closing Plenary Session, 06/25/2021.

**Miami Center for Architecture and Design- Climate Resilience Urban Nexus and Choices:** Sea Level Rise Adaptation and Climate Displacement (Panel), May 5, 2021.

**University of Miami Earth Week 2020 Virtual Symposium:** The Past is Present: Implications of Miami’s history on an Impending Climate Future, April 24, 2020.

**University of Central Florida Climate Corrections Conference Changing Coastline:** Understanding Risk and Realities of Sea Level Rise in Miami, October 3, 2019.

### **SKILLS**

Advanced spatial analysis skills in ArcGIS Pro and ArcGIS Online

Advanced skills in quantitative analysis (regressions and econometrics) and online data collection (Qualtrics Survey Software and Google Forms)

Advanced qualitative data analysis skills using NVivo

Intermediate programming skills in RStudio and STATA

Intermediate skills in Adobe Photoshop and Illustrator and website design