Diana A. Moanga, PhD.

dianamng@stanford.edu

Appointments

04/2023 – present	Lecturer – **Stanford University**
01/2023 – 09/2025	Manager of the Spatial Analysis Center – **Stanford University**
09/2022 – 01/2023	Postdoctoral Researcher – **Stanford University** Department of Earth System Science, Doerr School of Sustainability
02/2021 – 08/2022	Postdoctoral Researcher – **Florida International University** Department of Earth and Environment, Sea Level Solutions Center

Education

08/2015 – 12/2020	PhD – **University of California Berkeley** Environmental Science Policy and Management
01/2014 – 08/2015	MS – **University of Miami** Marine Affairs and Policy
08/2012 – 12/2013	BA – **University of Miami** Marine Affairs, Ecosystem Science and Policy (Minor)
08/2008 – 04/2012	**Florida International University** Hospitality and Tourism Management (transferred to University of Miami)

Research Interests

Coastal Resilience; Land System Science; GIS; Remote Sensing; Spatial Analysis; Conservation.

Publications

2026 Coker, A., **Moanga, D**., Fendorf, S., White, E. (2026). Spatiotemporal Dynamics of Wildfire on Cyanobacterial Harmful Algal Blooms Proliferation. Environmental Science & Technology Water. https://doi.org/10.1021/acsestwater.6c00049

2025 Fu, S., **Moanga, D**., Hacker, M., Scruggs, C., Osman, K., Exploring State-Level Messaging Toward U.S. Water Reuse: A Media Analysis Across Time and Space. *Environmental Research: Infrastructure and Sustainability.* https://doi.org/10.1088/2634-4505/adf664

Medina, C.Y., Shrivatsa, S., Stone. M., **Moanga, D.,** White, E., Awais, M., Revels, K., Cardenas, A., McCloud, A.J., Osman, K. Evaluating perceptions of green stormwater infrastructure (GSI) through a community-based participatory research (CBPR) approach. *Environmental Research Letters (ERL).* https://iopscience.iop.org/article/10.1088/1748-9326/adc9c5

2024 Myers-Pigg, A.N., **Moanga, D**., Bond-Lamberty., B., Ward., N.D., Megonigal, P., White., E., Bailey, V., & Kirwan., M.L. Advancing the understanding of coastal disturbances with a networks-of-networks approach. *Ecosphere*. http://dx.doi.org/10.1002/ecs2.70156

2023 Clare, J.D., de Valpine, P., B, **Moanga, D**., & Beissinger, S.R. A Cloudy Forecast for Predicting Species Distributions: Predictive Uncertainties Abound For California Birds After A Century Of Climate And Land-Use Change. *Global Change Biology*. https://onlinelibrary.wiley.com/doi/full/10.1111/gcb.17019

Hemond, O., Butsic V., **Moanga, D**., & Wartenberg, A. Farm consolidation and turnover dynamics linked to increased crop diversity and higher agricultural input use. *Agricultural Systems*. https://doi.org/10.1016/j.agsy.2023.103708

2022 Clement. A., Troxler, T., Keefe, O., Arcodia, M., Cruz, M., Hernandez. A., **Moanga. D**., Adefris. Z. & Jacobson, S. Hyperlocal Observations Reveal Persistent Extreme Urban Heat in Southeast Florida. *Journal of Applied Meteorology and Climatology*. https://doi.org/10.1175/JAMC-D-22-0165.1

Dillis, C., Butsic, V., **Moanga, D**., Parker-Shames, P., Wartenberg, A., & Grantham, T. The threat of wildfire is unique to cannabis among agricultural sectors in California. Ecosphere. https://doi.org/10.1002/ecs2.4205

2021 Troxler, T., Clement, A. C, Arditi-Rocha, Y., Beesing, G., Bhat, M., Bolson, J., Caban-Aleman. C., Castillo. K., Collins, O., Cruz, M., Dodd, A., Evans, S.D., Fleming, A.L., Sequera, C.G., Gilbert, J., Hernandez, A., Folder, C., Ilcheva, M., Kelly, E., Leon, A., Lombard, J., Mach, K., **Moanga, D**., Murley, J.F., Knowles, A., Obeysekera, J., Parra, L., Posner, J., Sarwat, A., Silverstein, R., Stuart, J.A., Sukop, M, Wdowinski, S., & Wheaton, E. (2021). A System for Resilience Learning: Developing a community-driven, multi-sector research approach for greater preparedness and resilience to long-term climate stresses and extreme events in the Miami metropolitan region. *Journal of Extreme Events.* https://doi.org/10.1142/S2345737621500196.

Wartenberg C.A., **Moanga D**., & Butsic V. (2021). Identifying drivers of change and predicting future land-use impacts in established farmlands. *Journal of Land Use Science.* https://doi.org/10.1080/1747423X.2021.2018061

Wartenberg, A., **Moanga**, **D**., Potts, M.D., & Butsic V. (2021). Limited economic-ecological trade-offs in a shifting agricultural landscape: a case study from Kern County, California. *Frontiers in Sustainable Food Systems, section Agroecology and Ecosystem Services,* 5:650727, https://doi.org/10.3389/fsufs.2021.650727.

2020 **Moanga**, **D**., Biging, G.S., Butsic, V., & Radke, J. (2020). The space time cube as an approach to quantifying future wildfires in California*. International Journal of Wildland Fire*, 30(2). https://doi.org/10.1071/WF19062.

Laćan, I., **Moanga**, **D**., Butsic, V., & McBride, J.R. (2020). Sealed in San José: paving of front yards and its effect diminishes urban forest resource and benefits in low-density residential neighborhoods. *Journal of Urban Forestry & Urban Greening* 54. https://doi.org/10.1016/j.ufug.2020.126755.

Moanga, D. A. (2020). Modelling land use and land cover changes in California's landscapes (Publication No. 2509614805). Doctoral dissertation, University of California, Berkeley. ProQuest Dissertations and Theses Global.

2018 **Moanga**, **D**., Schroeter, I., Ackerly, D., & Butsic, V. (2018). Avoided land use conversions and carbon loss from conservation purchases in California. *Journal of Land Use Science* 13(4): 391-413. https://doi.org/10.1080/1747423X.2018.1533043

2017 Butsic, V., Shapero, M., **Moanga**, **D**., & Larson S. (2017). Using InVEST to assess ecosystem services on conserved properties in Sonoma County, CA. *California Agriculture* 71(2):81-89. https://doi.org/10.3733/ca.2017a0008.

Glynn, P.W., Alvarado, J.J., Banks, S., Cortés, J., Feingold, J.S., Jiménez, C., Maragos, J.E., Martínez, P., Maté, J.L., **Moanga**, **D**.**A**., Navarrete, S. Reyes-Bonilla, H., Riegl, B., Rivera, F., Vargas-Angel, R., Wieters, E.A., & Zapata, F.A. (2017). Eastern Pacific coral reef provinces, coral community structure and composition: an overview. In Coral Reefs of the Eastern Tropical Pacific (pp. 107-176). Springer, Dordrecht. https://link.springer.com/chapter/10.1007/978-94-017-7499-4_5.

2015 **Moanga, D**. (2015). *Karenia brevis* hot spots in the west Florida shelf and their associated socio-economic implications. University of Miami Scholarly Repository.

Under Review: Nyakundi, F., **Moanga, D**., Nyamweya, C., Naylor, R., & Lambin, E. F. (2026). Spatiotemporal Changes in Cage Aquaculture in Lake Victoria, Kenya: Comparing Object-Based and the Segment Anything Models. *International Journal of Applied Earth Observation and Geoinformation.*

Moanga, D., Stone. M., Medina, C.Y., White, E., Awais, M., Osman, K. Wetland Restoration as a Nature-based Solution for Flood Mitigation in Marginalized Communities. *Nature Communications.*

In prep: **Moanga, D**., White, E. Quantifying Coastal Hazard Exposure of Critical Water Infrastructure for Disadvantaged Communities on the Northern Gulf of Mexico. *International Journal of Disaster Risk Science (IJDRS)*

Moanga, D., White, E. Exploring land cover changes in the costal margin of the continental US Wetland conversion to agriculture. *Land*

White., E. **Moanga, D**., White, J.R., Hiatt, M. Determining the Impacts of a Combined Historical Watershed and Regional Drought on Coastal Louisiana Wetland Ecohydrology. *Nature Communications*.

Troxler, T., **Moanga, D**., Hewavithana, D., Moore, C., Jacobson, S., Goshgarian, M., Hernandez, A., Kamrath, C., Hagemann, K., Clement, A., Sukop, M., Obeysekera, J., Localized flood thresholds for land area and structures – a south Florida application for current and projected future conditions. *Urban Climate.*

Moanga, D., T. Troxler, K. Ishtiaq, S. Jacobson, M. Cruz, A. Clement, A. Hernandez, & Z. Adefris. Understanding Miami's urban heat with the help of citizen science. *Journal of Urban Climate.*

Technical reports

2022 Ghebremichael, K., Troxler, T., Hernandez, A., Fourqurean, R., Jerome, L., Carroll, K., **Moanga, D.**, Lazzaroni, H., Roy, S., Jenkins, J., McFarlane-Weinstein, J., Kaur, A., Knowles, H., Alvarez, S., Sukop, & M., Obeysekera, J. (2022). Laying the groundwork for 'Getting to Neutral' in the State of Florida. Technical Report. Florida Climate Institute. https://floridaclimateinstitute.org/2012-03-02-19-57-58/getting-to-neutral-report.

2018 Ackerly, D., Battles, J., Butsic, V., Gonzalez, P., Kelly, M., Silver, W., Saah, D., Di Tommaso, S., Mayer, A., **Moanga, D.**, Schroeter, I., & Riordan, B. (2018). Land Acquisition and Ecosystem Carbon in Coastal California. California's Fourth Climate Change Assessment. Publication number: CCCA4-EXT-2018-003.

Radke, J.D., Biging, G.S., Roverts, K., Schmidt-Poolman, M., Foster, H., Roe, E., Ju, Y., Lindbergh, S., Beach, T., Maier, L., He, Y., Ashenfarb, M., Norton, P. Wray, M., Alruheil, A., Yi, S., Rau, R. Collins, J., Radke, D., Coufal, M., Marx, S., **Moanga, D.**, Ulyashin, V., & Dalal. A. (2018). Assessing Extreme Weather-Related Vulnerability and Identifying Resilience Options for California's Interdependent Transportation Fuel Sector. California's Fourth Climate Change Assessment, California Energy Commission. Pub. Nr: CCCA4-CEC-2018-012.

Teaching Experience (Lecturer – L; Teaching Assistant – TA)

Stanford University

Spring 2026 (L)	Remote Sensing of Land (Ug & G) Biology and Global Change (Ug & G) Spatial Planning for Gigascale Renewables & Transmission (Ug & G) *Cardinal Course Earth Systems Capstone Project (Ug) Independent Study in Earth System Science
Winter 2026 (L)	Advanced Concepts in Geographic Information Science (Undergraduate - Ug & / Graduate – G Ug & G) *Cardinal Course Senior Capstone and Reflection (Ug) Independent Study in Earth System Science Earth Systems Capstone Project (Ug)
Fall 2025 (L)	Senior Capstone and Reflection (Ug) Fundamentals of Geographic Information Science (Ug & G) Independent Study in Earth System Science
Spring 2025 (L)	Spatial Planning for Gigascale Renewables & Transmission (Ug & G) *Cardinal Course Independent Study in Earth System Science
Winter 2025 (L)	Advanced Concepts in Geographic Information Science (Ug & G) Remote Sensing of Land (Ug & G) Independent Study in Earth System Science (G)
Fall 2024 (L)	Fundamentals of Geographic Information Science (Ug & G) Independent Study in Earth System Science
Spring 2024 (L)	Remote Sensing of Land (Ug & G)
Fall 2023 (L)	Fundamentals of Geographic Information Science (Ug & G)
Spring 2023 (L)	Remote Sensing of Land (Ug & G)
Winter 2023 (TA)	From Freshwater to Oceans to Land Systems: an Earth System Perspective to Global Challenges (G)

UC Berkeley

Fall 2020 (TA)	International Environmental Politics (Ug)
Fall 2018 (TA)	International Environmental Politics (Ug)
Spring 2016 (TA)	Environmental Issues (Ug)

University of Miami

Spring 2015 (TA)	Spatial Analysis: Intermediate Marine GIS (G)
Spring 2015 (TA)	Spatial Applications in Marine Science (Ug)
Fall 2014 (TA)	Spatial Applications in Marine Science (Ug)
Spring 2014 (TA)	Introduction to Marine GIS Laboratory (Ug)
Fall 2014 (TA)	Introduction to Marine GIS Laboratory (Ug)
Fall 2013 (TA)	Spatial Applications in Marine Science (Ug)

Service and Professional Development

Peer Reviewer for: ACS Sustainable Chemistry & Engineering; AGU Advances; Applied Vegetation Science; Carbon Balance and Management; Environmental Research Communications; Environmental Monitoring and Assessment; Global Change Biology; Gulf and Caribbean Research; Heliyon; International Journal of Disaster Risk Reduction; International Journal of Environmental Research and Public Health; International Journal of Wildland Fire; International Journal of Sustainable Development & World Ecology; Journal of Environmental Planning and Management; Journal of Land Use Science; Landscape and Urban Planning; PLOS ONE; PLOS Sustainability and Transformation; Springer Nature Environmental Management; MDPI family of journals: Agriculture; Agronomy; Applied Sciences; Atmosphere; International Journal of Geo information; Earth; Fire; Land; Remote Sensing; Sensors; Resources; & MDPI Sustainability. Book reviewer for Oxford University Press.

Mentorship

Committee Member

2023 Gayatri Mujumdar - MS in Environmental Studies at San Jose State University
Stanford Woods Institute Mentoring Undergraduates in Interdisciplinary Research (MUIR) 2023 summer program – Project titled: "*Evaluating the role of nature-based solutions for low-income residents in the Galveston Bay Area.*

2021 Collaborative Online International Learning (COIL) Program: Design for Adaptability: Coastal Design Explorations for Changing Climatic Conditions and Social/Cultural Environments. Program Mentor.

Independent Study

Spring 2026

Bennie Raymond Hesser - Masters Student in Earth Systems, Stanford University.

Sophia Elise Siegel - Masters Student in Earth Systems, Stanford University.

Sadira Kidan Bobb - Masters Student in Earth Systems, Stanford University.

Andrew Huang - Undergraduate Student in Earth Systems, Stanford University.

Sebastian Lawrence Andrews - Masters Student in Earth Systems, Stanford University.

Winter 2026

Canellos Christian Thomas - Masters Student in Earth Systems, Stanford University.

Calista Marie Ordas - Masters Student in Earth Systems, Stanford University.

Alexis Joy Urriza Viloria - Masters Student in Earth Systems, Stanford University.

Fall 2025

Mario Nicolas - Masters Student in Sustainability Science and Practice, Stanford University.

John Lowndes Flynn Kisaq - Masters Student in Earth Systems, Stanford University.

Atash Heil – Undergraduate Student in Earth Systems, Stanford University.

Spring 2025

Opal Otenburg – PhD Student in Earth System Science, Stanford University.

Fridah Nyakundi - PhD Student in Environment and Resources, Stanford University.

Rachel Herring - PhD Student in Environment and Resource, Stanford University.

Laney Elizabeth Conger - Masters Student in Earth Systems, Stanford University.

Sophie Benmore - Masters Student in Civil and Environmental Engineering, Stanford University.

Rebecca Monge - Masters Student in Earth Systems, Stanford University.

Adriano Aaron – Urban Studies (undergraduate), Stanford University.

Tom Santiago Ramsay – Earth Systems, (undergraduate), Stanford University.

Maria Correa Carla– Environmental Systems Engineering, (undergraduate), Stanford University.

Winter 2025

Lily Colburn - PhD Student in the Emmett Interdisciplinary Program in Environment and Resources (E-IPER), Stanford University.

Vivian Shay - Masters Student in Earth Systems, Stanford University.

Julia Annabel Donlon - Masters Student in Earth Systems, Stanford University.

Fall 2024

Raven Longwolf Alcott - PhD Student in Earth System Science, Stanford University.

Ruby Gates - Masters Student in Civil and Environmental Engineering, Stanford University.

Summer mentorship 2025

Noelle Erispe Villanueva - PCJ in the Bay Fellowship with OneShoreline.

Panita Kueh Ruangkanit - Union of Concerned Scientists fellow.

AyoOluwateso Coker - PhD Student Earth System Science, Stanford University.

Diana Ludu; Amin Nasari; Micelle Rivera - *Highschool Students part of the Copula Program.*

Invited Talks and Academic Presentations

Stanford University

2026 Stanford Global Sustainability Innovation Leadership (G-SIL) Youth Program.

Earth Systems Mini Lecture Series – Talk titled: *Measuring Change from Space: Mapping Coastal Resilience, Risk, and Opportunity with GIS and Remote Sensing.*

American Geophysical Union

2025 Tracing Wetland-to-Cropland Conversion Across U.S. Coastal Margins: Implications for Agroecosystem Resilience and Ecosystem Services. **Moanga, D**., & White, E. *Oral presentation*.

2024 Evaluating the flood mitigation potential of wetland restoration surrounding vulnerable communities in the Houston-Galveston region. **Moanga, D**., Stone. M., Osman, K., Medina, C. & White, E., *Poster presentation*. Washington DC.

Community Perspectives on Green Stormwater Infrastructure (GSI) Solutions through Community-Based Participatory Research (CBPR) Practices. Medina. C., Stone, M., Shrivatsa, S., **Moanga, D**., White, E., Osman, K., & Awais, M. *Poster presentation*. Washington DC.

2023 Quantifying Coastal Hazard Exposure of Critical Water Infrastructure for Disadvantaged Communities on the Northern Gulf of Mexico. **Moanga, D**., White., E. *Poster presentation*. San Francisco. CA.

Unveiling US's Water Reuse Media Trends: A Journey Across Temporal and Spatial Boundaries. Fu., S; Osman., K., **Moanga, D.**

ESRI User Conference

2025 Tracking Bluefin Tuna Across the Atlantic Basin: Migration Patterns, Habitat Preferences, and Fishing Pressure. Poster presentation. San Diego. CA.

2024 Where Coastal Hazards Converge: Identifying Areas Threatened by Seal Level Rise (SLR), Saltwater Intrusion (SWI) and Storm Surge Under Two Different Scenarios. Poster presentation. San Diego. CA.

2023 United States Wetland to Cash Crop Conversion. Poster presentation. San Diego, CA.

2022 Mapping and Monitoring Extreme Heat and King Tide Flooding in North Miami Beach with the Help of Citizen Scientists. Poster presentation. San Diego. CA.

2019 The space time cube as an approach to quantifying future wildfires in California (2000-2100). Poster presentation. San Diego, CA.

Natural Capital Symposium

2024 Landscape Scale Wetland Restoration for Equitable Flood Mitigation. White E., & **Moanga, D**. Stanford University.

Branner Earth Sciences Data Science Fair

2024 Evaluating Wetland Restoration Potential & Quantifying Wetland Ecosystem Services in the Houston Galveston Bay Area.

Just Transitions Policy Lab

2025 Intro to GIS. Stanford University.

2024 Geospatial Applications for Environmental Justice Workshop. Stanford University.

Altamont Landfill Open Space Advisory Committee

2024 Panel member discussing potential Payments for Ecosystem Services.

Stanford Geballe Laboratory for Advanced Materials (GLAM)

2023 Guest panel speaker. Postdoc Community Special Event.

Santa Clara University

2023 Climate Change as a Driver of Ghost Forest Formation and Threaten Equity in Coastal Community Resilience

International Congress of Biometeorology (ICB)

2021 Understanding Miami's urban heat with the help of citizen science. Virtual conference. White E., & **Moanga, D.** San Jose. CA.

University of Miami

2021 Understanding the different dimensions of Coastal Resilience. Seminar Series.

UC Berkeley

2020 Modelling Land Use and Land Cover Changes for Conservation. Sustainable Seminars.

2019 Map Design: Creating Effective Visualizations. Introduction to GIS course.

Introduction to GIS and remote sensing: potential applications. Forest Management Seminar.

Awards and Accomplishments

2025 Cardinal course designation for Advanced Concepts in Geographic Information Science.

Ranked above departmental average in student course evaluations for Fundamentals of Geographic Information Science (Fall 2025).

Map featured in the Esri Map Book, Volume 41. Map Title: Tracking Bluefin Tuna Across the Atlantic Basin Migration Patterns, Habitat Preferences, and Fishing Pressure.

Stanford Doerr School of Sustainability's Excellence in Teaching Award

Stanford Haas Center for Public Service *Community Engaged Teaching Fellowship.*

2024 Map featured in the Esri Map Book, Volume 40. Map Title: Where Coastal Hazards Converge: The Threat of Seal Level Rise (SLR), Saltwater Intrusion (SWI) and Hurricanes in the Gulf of Mexico.

Ranked above departmental average in student course evaluations for Fundamentals of Geographic Information Science and Remote Sensing of Land (2023 & 2024).

2022 Florida International University Postdoctoral Scholar Travel Award.

2021 Part of the Southeast Florida Regional Citizen Science Climate Action Network – Second place in the Climate Challenge Cup at the UN Climate Change Convention

COP 26.

Florida International University Postdoctoral Scholar Research Recognition Award.

2019 UC Berkeley Travel Grant Summer.

2019 UC Berkeley Travel Grant Spring.

Teaching Award - Outstanding Graduate Student Instructor (GSI) Award.

2015 UC Berkeley Starter Grant Award.

2014 RSMAS Graduate Career Development Fund.

Master of Professional Science (MPS) Partial Tuition Scholarship.

2013 Graduated Summa Cum Laude (4.0 GPA), top 1% of graduating class, University of Miami.

University of Miami Honor: President's & Provost's Honor Rolls & Dean's List (2012 & 2013).

University of Miami Dean's Scholarship.

2012 University of Miami Dean's Scholarship.

Florida International University Student Government Association Recognition award (2011 & 2012).

2011 FIU SAGE Scholarship.

Sally Goldman Scholarship.

2010 Philip and Euline Honors College Scholarship.

2008 Florida International University Dean's List (2008 - 2012).

Florida International University Presidential Scholarship (2008).

Media Mentions

2025 Tranchell., S. (2025). Stanford Doerr School of Sustainability News and Events. Diana Moanga receives Excellence in Teaching Award.

Gupta., P. (2025). Simply Sustainability, Youth-led Climate initiative. Exploring GIS, Remote Sensing, and Spatial Data Science with Diana Moanga, PhD. Podcast Interview.

Kirk., W. (2025). Stories to save our planet Podcast: I speak for the trees. Stanford Storytelling Project. Soundings. I Speak for the Trees | Soundings.

2023 Gewin. V. (2023). City-based scientists get creative to tackle rural-research needs. Nature Science Cities 2023.

2022 Skinner, A. (2022). California Wildfires Threaten Nearly All of State's Cannabis Crops. NewsWeek.

Awards & Grants

2025 Cardinal Course Award ($2500)
Excellence in Teaching Award ($3000)

2024 Community Engaged Teaching Fellowship ($2000)
2023 The Stanford Woods Institute Environmental Venture Projects (EVP) (Contributor)
2022 The Stanford UPS Endowment for Transportation, Logistics and Urban Issues (Contributor)

Technical Skills

ESRI suite of applications including ArcPro, ArcGIS Online; ArcGIS StoryMaps; InVEST; R; Google Earth Engine (GEE); STATA; C++; Python; arcPy; eCognition; ENVI; Tableau.

Languages and Certificates

Romanian (native), English (proficient), Spanish (conversational), French (conversational).
ESRI Cartography Certificate (June 2020); ESRI Spatial Data Science Certificate (Aug. 2023); ESRI Imagery in Action Certificate (Oct. 2023): ESRI MOOC Spatial Data Science: The New Frontier in Analytics (Oct. 2023); ESRI Exploring Spatial Patterns in your Data using ArcGIS Training Certificate (Feb. 2024); ESRI MOOC Going Places with Spatial Analysis (March 2024).
Collaborative Institutional Training Initiative (CITI) Program, Social/Behavioral Human Research Course (Aug. 2021).
CITI Physical Science Responsible Conduct of Research; CITI Social and Behavioral Responsible Conduct of Research (Aug. 2023).

Outreach and Community Service

2025 Published online a suite of open-source GIS instructional materials - GIS lab website.

Mentor for 3 high school students' part of the *Copula Program.* The Copula Program is a summer mentorship program offering free, remote academic mentorships to high school students from underrepresented backgrounds with academic mentors.

The Copula Program (TCP) Guest Lecture Series. Talk titled: *Exploring Spatial Data Science.*

2024 Focus group organizer – *Strengthening Community Self-Advocacy through Ecosystem Service Evaluation* in collaboration with the Bayou City Waterkeeper.

2022 Represented Florida International University (FIU) Sea Level Solutions Center at Natural Disaster Expo.

2022 Organized and lead workshops for the *Resilient305* Collaborative in Miami, FL.

Represented FIU at the Phillip and Patricia Frost Museum of Science for Earth Day Celebration.
Helped lead "Science for Kids" event during Earth Week at the Miami Frost Art Museum.

2021 Organized citizen science events and community engagement opportunities at FIU Sea Level Solution Center (SLSC).

2018 Organized and lead the Mature & Historic Tree Stands Management Symposium in Berkeley, CA.

2014 Volunteer at the Coral Reef Futures Lab at the University of Miami.

2013 Member of the University of Miami Propeller Club.