

EDUCATION

PHD | 2018 -2022 | UNIVERSITY OF DELAWARE, DELAWARE

- Major: Disaster Science and Management
- **Dissertation:** (tentative title) Use of drone technology to evaluate and monitor community infrastructure for disaster risk reduction in Caribbean SIDS.

MASTER OF PROFESSIONAL STUDIES (MPH) | 2017-18 | SUNY-ESF, NEW YORK

- Major: Sustainable Construction Management
- Designed a low-cost, low-tech rainwater harvesting system for water security and climate change adaptation, which was piloted in Grenada (2017).
- **Thesis:** Ferrocement biosand rain barrels: sustainable rainwater harvesting for household climate change resilience in SIDS.

MA (DISTINCTION) | 2014 | UNIVERSITY OF WESTMINSTER, LONDON

- Major: International Planning and Sustainable Development
- Participant in Urban Planning design competition for revamping the transportation infrastructure in Kano, Nigeria, and slum renovation in Ho Chi Minh City, Vietnam.
- **Thesis:** The impact of climate change, particularly sea level rise, increased storm surges and coastal flooding on the road and sea defence infrastructure of coastal communities in Small Island Developing States, using Dominica as a case study.

BA (HONS) | PEOPLES'S FRIENDSHIP UNIVERSITY OF RUSSIA, MOSCOW

- Major: Political Science
- **Thesis:** The Geopolitical Importance of the Caribbean to North American and Europe

PUBLICATIONS

- Maduka-Ezeh, A.; Gardesey, M.; ...; Nibbs, Farah; ... (2020). "Inspired for Action: Immigrants' Faith-Based Organizations' Responses Across Two Pandemics". (In print, *Disasters Journal*, 2020).
- Cavaliere, P., Cox, Z.,Nibbs, F. (2020). A research agenda to explore the emergency operations center. (In print, *Journal of Emergency Management*, 2020).
- Louis-Charles, Howard, R., ...Nibbs, F.... (2020). Ethical Considerations for post-disaster fieldwork and data collection in the Caribbean. *American Behavioral Scientist Special Issue, Vol 64, Issue 8, 2020*. DOI: <https://doi.org/10.1177/0002764220938113>
- Teron, L., Louis-Charles, H., Nibbs, F. and Uppalapti, S.S (2019). "Establishing a Toxics Mobility Inventory for Climate Change and Pollution," *Sustainability The Journal of Record* 12 (4):226-234. DOI: [10.1089/sus.2019.0003](https://doi.org/10.1089/sus.2019.0003).
- Bui, L., Sylman., S. ...Nibbs, F. (2019). Transdisciplinary Rapid Reconnaissance After Hurricanes Irma and Maria in the U.S. Virgin Islands: A Pathway Toward Convergence. (In Print, *International Journal of Mass Emergencies and Disasters*).
- Teron, L. White, T, and Nibbs, F. (2019). Destroy and Rebuild: Considering harm, community benefits and environmental ornamentation in community development in Atlanta. (In print,).

ARTICLES:

- Green, C., and Nibbs, F. (2018). Harvesting rain could help Caribbean countries keep the water on after hurricanes. The Conversation. <https://theconversation.com/harvesting-rain-could-help-caribbean-countries-keep-the-water-on-after-hurricanes-96433>

CONFERENCE PRESENTATIONS

2020

- 45th Annual Natural Hazards Workshop. Researchers Meeting- Plenary: The Data Revolution—Ethical Imperatives and Methodological Considerations for Hazards and Disaster Research. Presentation: ‘A Justice Framework for Post Disaster Field Research in the Caribbean Region’

2019

- 44th Annual Natural Hazards Workshop. Poster presentation: ‘A Service-Learning Approach to Assessing Disaster Recovery in the U.S. Virgin Islands’.

2017 -2018

15th Annual New York State Green Building Conference | March 30-31, 2017, New York

43rd Annual Caribbean Studies Association conference | June-4- 8, 2017, Cuba

15th International Conference on Urban Health | November 26-28, 2018, Uganda

OTHER PROFESSIONAL ACCOMPLISHMENTS

Caribbean Cyclone Cartography

(2020-ongoing)

- I am part of an international research project, titled "Caribbean Cyclone Cartography: Mapping Histories, Narratives and Futures of Hurricane 'Resilience' in a Changing Climate". Engaging the 'survivor led humanitarianism & reconstruction' stream, the CCC Project will collaboratively map Dominican hurricane 'resilience' in the wake of hurricane Maria (9/18/2017) by collating historical, ethnographic and geoinformatic data to enhance the capacity of citizens and governments in the Caribbean to respond to the existential threat of tropical storms.
- The Project is a collaboration between two UK based universities and two Caribbean-based institutions.

UN Decade of Ocean Science for Sustainable Development

(2020- ongoing)

- In 2021 the UN will launch the Decade of Ocean Science for Sustainable Development (oceandecade.org) at the global and regional levels. I am a member of the Western Tropical Atlantic working group which is responsible for the Caribbean and Latin America region. My working group is tasked with actions to address different challenges and outcomes - in my case related to Safe Oceans. The Safe Ocean Working Group focuses on the protection of life and livelihoods from ocean-related hazards. It will address hydro-meteorological, geophysical, biological and human induced hazards create devastating, cascading and unsustainable impacts for coastal communities, ocean users, ecosystems, and economies from a regional perspective. It will seek to advance a regional strategy for the enhancement of multi-hazard early warning services and mainstream community preparedness and resilience. As part of this enhancement the Working Group will also include proposed actions on other Decade Challenges like solutions to mitigate, adapt and build resilience to the effects of climate change across the Western Tropical Atlantic.

Teaching Experience | University of Delaware

(2019 academic year)

- Was a teaching assistant for an undergraduate course in leadership (LEAD 100) taught by James Morrison.

RECENT HONOURS AND AWARDS

• 2020 Summer Doctoral Fellowship University of Delaware

(Summer 2020)

Conducted preliminary work to select communities for doctoral dissertation field research.

• Bill Anderson Fund Fellow

(2019-2022)

Awarded for exceptional leadership as a minority hazard and disaster researcher. On-going work with Southgate Community in Wilmington, Delaware.

• National Science Foundation (NSF) Minority Scholars from Under-Represented Groups in Engineering and the Social Sciences (SURGE) scholar

(2018-2020)

Conducted reconnaissance missions in the U.S. Virgin Islands (USVI) in June 2018, and Puerto Rico (2019) as part of the SURGE research team. Explored the 2017 impacts of Hurricane Irma and Maria. Used participatory observations, community listening

sessions and photo documentation as methods to gather data on the long-term recovery process that was being initiated in the USVI. Used drones to conduct mapping of urban infrastructure on St. Thomas and St. John (2019).

- **USGBC Greenbuild | Regional Scholarship (2017)**
Awarded for being a student leader in the field of green design (design of my Ferro-Cement rainwater tank).
- **SUNY ESF | Charles Lathrop Pack Memorial | Graduate Student Travel Grant (2017)**
Funding awarded for cost and travel involved in constructing ferrocement-biosand rainwater tank system in Grenada.
- **SUNY ESF | Jay & Olive Bentley Scholarship (2017)**
Awarded for outstanding graduate construction design

GRADUATE SERVICE

University of Delaware | Vice-President-Black Graduate Student Association | October 2018-2020

- Maintain correspondence with the general black graduate student community
- Ensure smooth running of the BGSA exec board.
- Assist in planning and executing activities and community related events to foster closer relations with the surrounding Newark community.

PROFESSIONAL AFFILIATIONS:

- United States Green Building Council (USGBC) | LEED Green Associate | 2017- present
- Delaware Emergency Management Agency- Citizen Corps CERT certified
- U.S- Occupational Safety and Health Administration | OSHA- Construction Health and Safety certified
- U.K -The Royal Town and Planning Institute , Planning license

RELEVANT JOBS:

University of Delaware | Research Assistant | Sep 2020- ongoing

- Use of various frameworks and software to analyse and quantify data.
- Edit research documents

University of Delaware | Teaching Assistant | Sep 2019 – June 2020

- Assisted in conducting classes and grading papers for Leadership (LEAD 100)

University of Delaware | Research Assistant | Sep 2018- June 2019

- Use of various frameworks and software to analyse and quantify data.
- Edit research documents

Syracuse University | Academic Consultant- Office of Multicultural affairs | Aug 2017- June 2018

- Engage with freshmen students of colour to provide support and direction.
- Track students' academic performance and offer help where needed.
- Assist in developing and executing organisational programmes and workshops.
- Perform various administrative and office duties.

SUNY ESF | Graduate Sustainability Assistant | Aug 2017-May 2018

- Assist the ESF campus community to improve sustainability at ESF using AASHE STARS.
- Track the campus building portfolio using LUCID to identify performance issues and help prioritize projects.
- Support the student sustainability working groups that have been formed around the STARS framework.
- Assist in other duties of greening ESF.

Syracuse University | Site representative | May-Aug 2017

- Liaise between Syracuse University, engineering firms, contractors and other associated parties for the university's construction projects
- Observe and inspect ongoing construction work
- Communicate with all parties concerned about onsite questions and problems
- Create daily field reports and photo documentation of the projects as they progress.

SUNY ESF | Student Research Assistant | June-Aug 2017

- Assist a faculty member with multiple research projects related to coastal sustainability, energy justice and policy.

Geography Lecturer | Dominica State College- Dominica | 2016-2017

- Organised, implemented and monitored programmes and assessments for Geography
- Prepared learning materials for Geography courses.
- Developed curriculum for students. Achieved an overall passing grade for students of 95%

LANGUAGES:

- French: intermediate listener, intermediate speaker, intermediate reading and writing
- Russian: Advanced speaking, listening, reading and writing
- English: Native speaker
- French Kwéyòl: Advanced listener, intermediate speaker and reader, novice writing

COMPUTER SKILLS:

- ArcGIS
- Autodesk, Revit Architecture
- Statistics Program for Social Sciences (SPSS)
- Google Sketchup
- Atlas.ti
- LUCID
- Microsoft office suit