

Curriculum Vitae

Geoffrey Fouad

Lecturer of Earth Science, Department of Geography and Environmental Science,
Hunter College, New York, NY 10065 USA

Areas of Specialization

I am a **geographer** who studies the **Earth sciences** and more specifically, **water resources**.

Education

San Diego State University/UC Santa Barbara	Ph.D. in Geography	May 2016
University of South Florida	M.S. in Environmental Science	May 2009
University of South Florida	Graduate Certificate in GIS	May 2009
Catawba College	B.S. in Environmental Science	May 2006

Academic Appointments

Lecturer of Earth Science, Hunter College, New York, USA	August 2023-present
Tenured Professor of Geography, Monmouth University, New Jersey, USA	July 2022-August 2023
Graduate Faculty, Monmouth University, New Jersey, USA Reappointment Letter, June 2021	August 2016- August 2023
Assistant Professor of Geography, GIS Director, and University Cartographer, Monmouth University, New Jersey, USA	August 2016-June 2022

Recent Teaching

Introduction to Physical Geography (GO/SC 103), Geography and Natural Sciences Program, Monmouth University	Spring 2023
Fundamentals of Remote Sensing (GIS 337/GO 537), GIS Program, Monmouth University	Spring 2023
Spatial Analysis (GIS 325/GO 540), GIS Program, Monmouth University	Spring 2023

Recent Funding

Mapping and research of Connecticut Farms and Springfield Battles Agency: New Jersey Historical Commission (\$18,550) PI: Melissa Ziobro, Geoffrey Fouad, Richard Veit, and Jonathan Mercantini	2022
Cove House archaeology and mapping project Agency: National Park Service (\$82,901) PI: Adam Heinrich, Richard Veit, Geoffrey Fouad, and Tom Herrington	2021

[GIS and field research high school learning program](#) 2021
Agency: New York City Department of Education (up to \$100,000 over three years)
PI: Geoffrey Fouad and Heather Butts

[Wetland inundation potential based on terrain and runoff data](#) 2019-2021
Agency: Tampa Bay Water (\$176,875)
PI: Geoffrey Fouad, Terrie Lee, and Kai Rains

[Middlebrook Encampment archaeological assessment](#) 2019
Agency: Bridgewater Township (\$1,000)
PI: Richard Veit and Geoffrey Fouad

Recent Research (*denotes student)

*Conte, A., **G. Fouad**, and V. Davidov. In preparation. Disparities in raised home permits after Hurricane Sandy in a coastal county in New Jersey. *Journal of Sustainable Real Estate*. [Link](#)

Fouad, G., J.L. Whytlaw, S. Hackman, and J.G. Comiskey. In preparation. GIS for homeland security and emergency management: An all-hazards approach. John Wiley & Sons, Hoboken, New Jersey. [Link](#)

Fouad, G and R. Scott III. In review. The Beer Garden State: Neolocalism and clustering of craft breweries in New Jersey. *Journal of Wine Economics*. [Link](#)

*Craft, H., **G. Fouad**, and S.C. Sterrett. 2023. Statewide prioritization of vernal pools for pond-breeding amphibians in New Jersey. *Journal of Environmental Management*. [Link](#)

*Lucas, S.N., **G. Fouad**, and J.E. Adolf. 2023. Spatially distributed water quality responses to freshwater discharge in a tropical estuary, Hilo Bay, Hawai'i. *Environmental Monitoring and Assessment*. [Link](#)

Lee, T.M., **G. Fouad**, and K. Rains. 2022. *Ranking the Inundation Potential of Palustrine Wetlands in the Northern Tampa Bay Area*. Report for Tampa Bay Water. [Link](#)

Fouad, G. and T.M. Lee. 2022. Validation of an approach to predict discharge rates from small, depressional wetlands. *Proceedings of the 39th International Association for Hydro-Environment Engineering and Research World Congress*. [Link](#)

*Badlowski, G.A., J.E. Adolf, and **G. Fouad**. 2021. Spatial analysis of water quality parameters in Hilo Bay, Hawai'i using a combination of interpolated surfaces and hot spot analysis. *Environmental Monitoring and Assessment*, 193. [Link](#)

Fouad, G. and T.M. Lee. 2021. A spatially distributed groundwater metric for describing hydrologic changes in a regional population of wetlands north of Tampa Bay, Florida, from 1990 to 2015. *Wetlands*, 41. [Link](#)

Heinrich, A.R., R. Veit, **G. Fouad**, T. Herrington, J. Stiteler, A. Vovk, and *M. Brown. 2021. *Report on the Results of the Phase II Archeological Survey of the Cove House Site (28-Mo-161) in the Sandy Hook, Gateway National Recreation Area, Middletown Township, Monmouth County, New Jersey (PMIS 255715)*. Report for the National Park Service, Gateway National Recreation Area Sandy Hook Unit (released upon request to the National Park Service).