IDENTIFYING INFORMATION:

NAME: Guzmán-Morales, Alba L.

ORCID iD: https://orcid.org/0000-0003-1349-6554

POSITION TITLE: Remote Sensing Technician

PRIMARY ORGANIZATION AND LOCATION: Environmental Mapping Consultants LLC, Aguadilla, Puerto Rico, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
Cornell University, Ithaca, New York, United States	Training grant	06/2024 - 06/2024	Satellite Remote Sensing
Nicholas School of the Environment , Durham, North Carolina, United States	Training grant	10/2021 - 04/2022	UAS Applications and Operations in Environmental Science
NOAA Cooperative Science Center in Atmospheric Sciences and Meteorology, Lajas, Puerto Rico, United States	Fellow	01/2020 - 05/2022	Biological Oceanography
University of Puerto Rico, Mayagüez, Puerto Rico, United States	MS	05/2024	Biological Oceanography
University of Puerto Rico, Mayagüez, Puerto Rico, United States	BS	05/2019	Biology

Appointments and Positions

2024 - present Remote Sensing Technician, Environmental Mapping Consultants LLC, Aguadilla, Puerto Rico, United States

2021 - 2021 Experiential Research and Training Opportunity Intern , NOAA National Centers for Coastal Ocean Science, Lajas, Puerto Rico, United States

Products

Products Most Closely Related to the Proposed Project

1. Guzmán-Morales, A. L.; Armstrong, R. A. ; Tomlinson, M. Evaluation of NOAA diffuse attenuation coefficient product for generating a climatology in Southwest Puerto Rico. 2023 November.
2. Guzmán-Morales, A. L.; Armstrong, R. A.; Cruz-Motta, J. J.; Hernández, W. J. Spatial and temporal patterns of diffuse attenuation coefficient in Guánica, Puerto Rico: 15 years after development of a watershed management plan. PR; 2024 March.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Mera D, Solis R, Reyes L, Armstrong R, Hernandez W, Guzman-Morales A. A Power and Performance Study of Compact *L* -Band Total Power Radiometers for UAV Remote Sensing

Based in the Processing on ZYNQ and ARM Architectures. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 2022; 15:1103-1113. Available from: https://ieeexplore.ieee.org/document/9632383/ DOI: 10.1109/JSTARS.2021.3131962

Synergistic Activities

1. President (2021-2022) of Asociación de Estudiantes de Ciencias Marinas, the student organization of the Department of Marine Sciences at the University of Puerto Rico. Organized the 5th Marine Science Symposium to spread research findings in the marine sciences field and encouraged research collaboration between students and career scientists.
2. Volunteer at the Puerto Rico Sea Grant College Program at the University of Puerto Rico. Promoted coastal ecosystem conservation by providing seminars to primary and secondary students. Participated in the Restauration, Management, and Monitoring Program of the Natural Reserve Caño Boquilla which included water quality testing, tree-based restoration, coastal clean-ups, and endangered species monitoring.

Certification:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Guzmán-Morales, Alba L. in SciENcv on 2024-05-22 13:55:32