

**Jenniffer Pérez Pérez**

Department of Marine Sciences, University of Puerto Rico, Mayaguez, PR 00708  
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**Education**

University of Puerto Rico, Mayagüez Campus  
January 2016 – December 2022 (Cum Laude)  
M.S. Marine Sciences

InterAmerican University, San Germán Campus, PR  
January 2011 - May 2014 (Cum Laude)  
B.A. Biology

University of Puerto Rico, Mayagüez Campus  
August 2008 – December 2010

**Awards**

Research Fellowship  
Center for Earth System Sciences and Remote Sensing Technology (CESSRST)  
Funded by: NOAA MSI/EPP  
January 2023 – To present.

Research Fellowship  
Center for Earth System Sciences and Remote Sensing Technology (CESSRST)  
Funded by: NOAA MSI/EPP  
August 2019 – August 2022

**Publications**

Perez-Perez, Jenniffer, Roy A. Armstrong, William J. Hernandez, (In review) Using High-Resolution Sentinel 2 Multispectral Images to Monitor Sargassum Accumulations in Coastal Areas of Southwestern Puerto Rico. *International Journal of Remote Sensing*.

**Presentations**

Pérez-Pérez, J. 2021. Spectral Characterization for Drifting Sargassum for Coastal Waters of Southwestern Puerto Rico. NERTO Oral Presentation, Atlantic Oceanographic and Meteorological Laboratory NOAA Senior Management Meeting, December 6, 2021.

Pérez-Pérez, J. and Y. Detrés. 2022. Sargassum: Impacts on Tropical Marine Ecosystems. Oral Presentation. EcoExploratorio Science Museum, December 6, 2021. San Juan, Puerto Rico.

Pérez-Pérez, J. and A. Gúzman. 2022. EXO YSI User's Workshop. Oral presentation and workshop. May 18, 2022. University of Puerto Rico at Mayaguez, Isla Magueyes, Lajas.

## **Research Experience**

Research Assistantship

August 2022-

December 2022

Title: Field Bio-optical assessment for Sargassum and laboratory analysis. Satellite data processing of Sargassum accumulation in Southwestern of Puerto Rico.

Funded by: NASA MUREP

Supervisor: Dr. Roy A. Armstrong

Research Internship - NOAA MSI/EPP

November 2021 – March 2022

Title: Spectral Characterization for Drifting Sargassum for Coastal Waters of Southwestern Puerto Rico. NERTO Research at the NOAA Atlantic Oceanography and Meteorological Laboratory (AOML) Physical Oceanography Division (PhOD).

Supervisor: Dr. Elizabeth Johns

Research Assistantship

January 2018 – May 2018

Funded by: NASA

Title: Hybrid spectral Alternative for Remote Profiling of Optical Observations for NASA. Field bio-optical assessment and laboratory sample analysis. Funded by NASA.

Supervisor: Dr. Roy A. Armstrong

Research Assistantship

August 2016

Funded by: NASA

Title: Remotely sensed bathymetry and benthic characterization of Guayanilla Bay, Puerto Rico

Supervisor: Dr. Roy A. Armstrong

Funded by: Eco-Electrica