

Puerto Rico's Water Quality Monitoring Day: a citizens science special event



Ernesto M. Olivares

Education Coordinator

Jobos Bay National Estuarine Research Reserve

JBNERR-DNER-NOAA

National Estuarine Research Reserve System(NERRS)





MAP KEY:

Jobs Bay National Estuarine Research Reserve
 Land Boundary Marine Boundary

--- Municipal Boundary



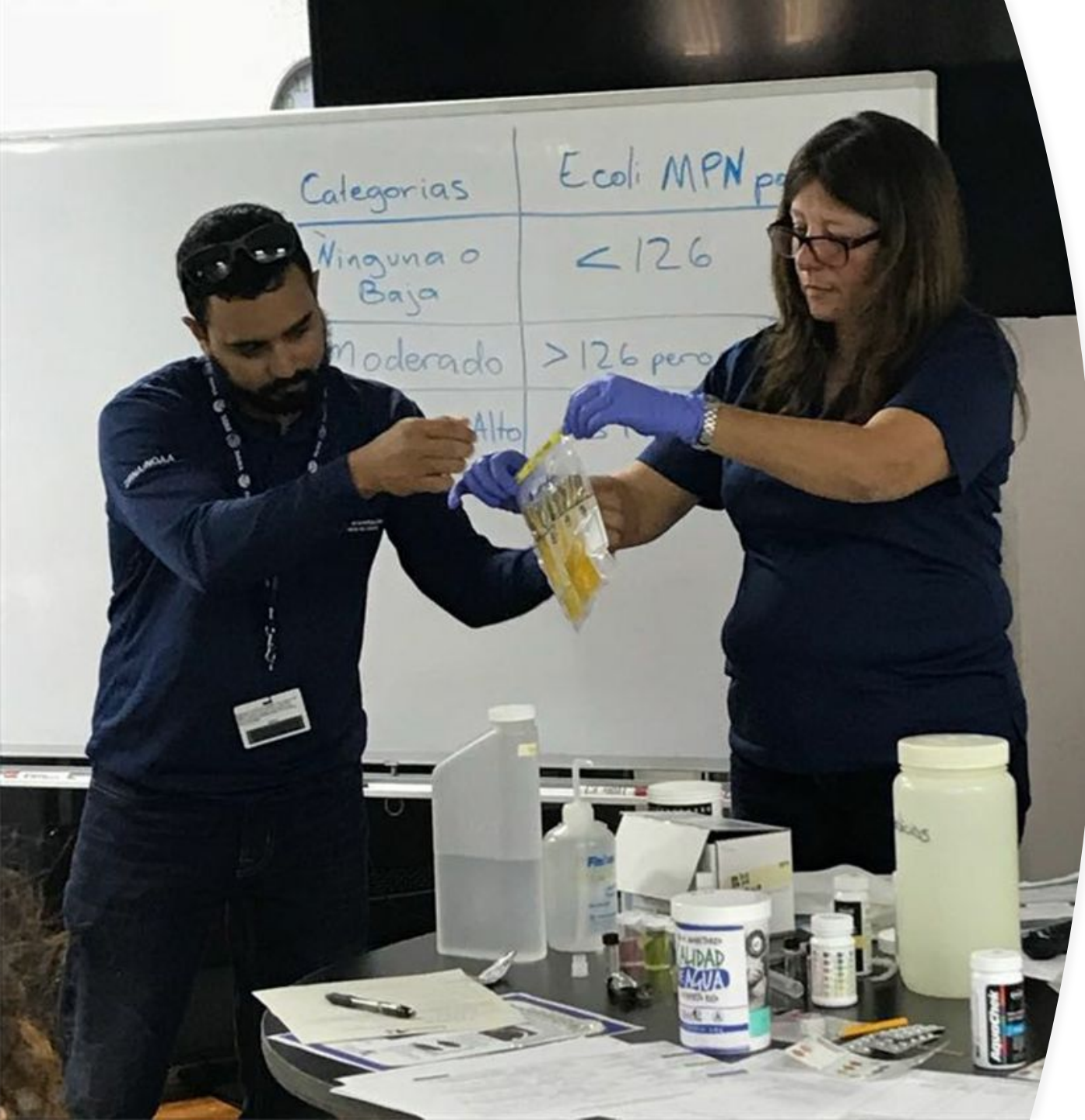
Origins



ESTUARIO 
San Juan Bay National Estuary Program



Puerto Rico's Water Quality Monitoring Day (PRWQMD)



What does it consist of?

Low-Cost Water Quality Monitoring Kits

- pH
- Dissolved Oxygen
- Turbidity
- Nitrate
- Nitrite
- Ammonia
- Bacteriological kit

What does it consist of?

- I. Promotion
- II. Volunteer recruitment
- III. Inscription
- IV. Trainings
- V. Implementing
- VI. Reporting

Día de Monitoreo
**Calidad
de Agua**
Puerto Rico

SÁBADO, 28 DE AGOSTO DE 2021
INSCRIBETE: [ESTUARIO.ORG/DIADEMONITOREO/](https://estuario.org/diademonitoreo/)





How does it work?

Participants:

Teachers

Students

Community leaders

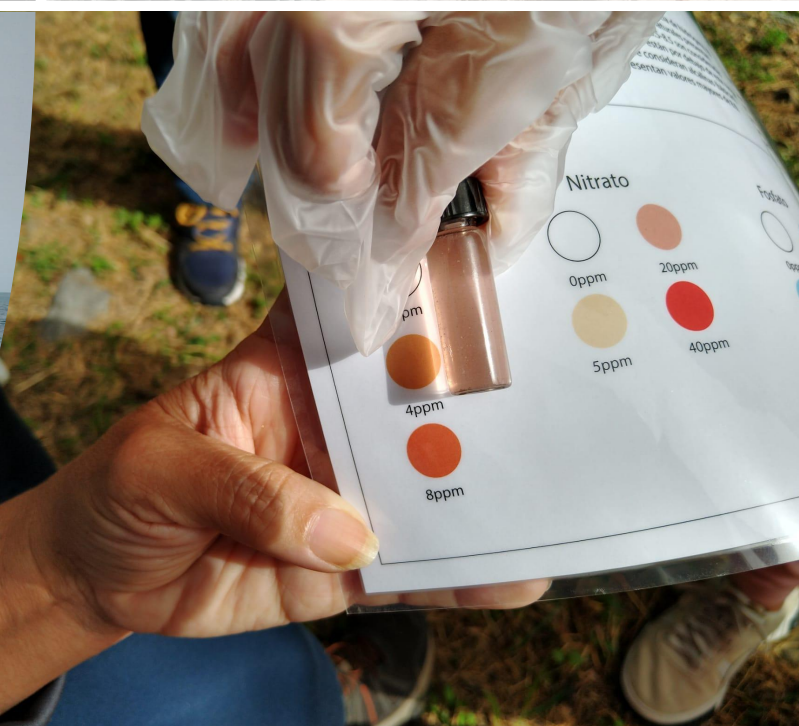
General Public

Universities

NGO's

Private Businesses

Municipalities



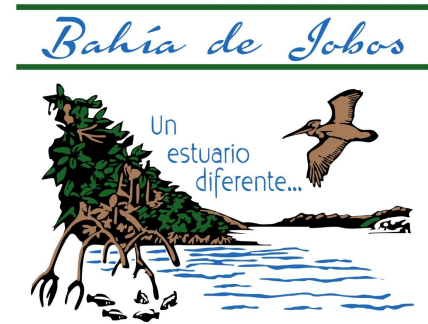


SWMP Water Quality Monitoring Stations



PRWQMD Quality Monitoring Stations

JBNERR's mentoring of Villalba's Residential Center for Educational Opportunities.



Ernesto M. Olivares

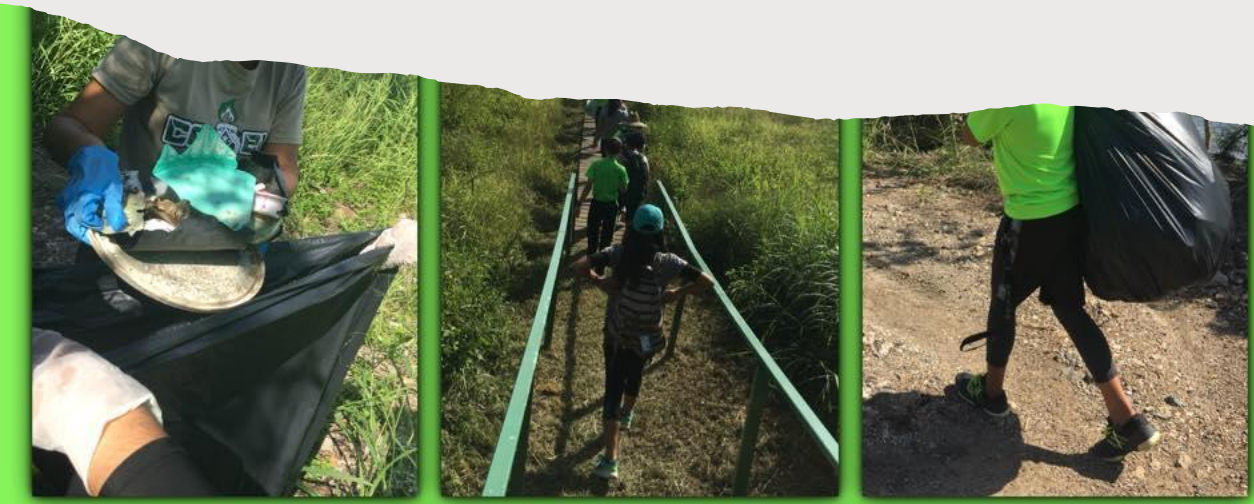
Education Coordinator

Jobos Bay National Estuarine Research Reserve

JBNERR-DNER-NOAA



Residential STEM Specialized High School



First visiting school group after Hurricane María

JBNERR
Mentorship
Research and
Monitoring
Stewardship
Education



Top 10 : Escuelas más altas

#	Escuela	Rating	Puntuación
1	Centro Residencial de Oportunidades Educativas de Mayagüez (CROEM) Mayagüez	★★★★★	97%
2	University Gardens San Juan	★★★★★	93%
3	Centro Residencial de Oportunidades Educativas de Villalba (CROEV) Villalba	★★★★★	92%
		★★★★★	89%



Achievements and accomplishments



[#hurricanemaria](#)

StrongerRoots - Jobos Bay NERR - Film Fest Winner!

**New
collaborations:**



Thank you!

**Contact information:
Ernesto M. Olivares
JBNERR Education Coordinator
E-mail: eolivares@drna.pr.gov
Tel. (787) 853-4617**

