

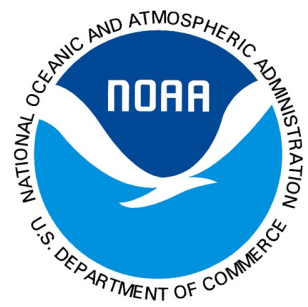


Outreach and Education Advisory Panel (OEAP)

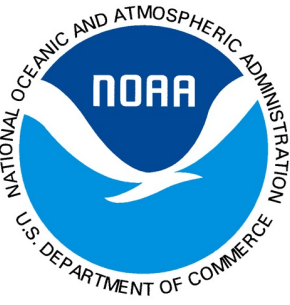
July 27, 2022, Hybrid Meeting
Marriot Courtyard Hotel Isla Verde, Carolina, PR



Agenda



- **9:30 a.m.**
- -Call to Order
- -Adoption of Agenda
- **9:45am. – 10:15 am**
- -OEAP Chairperson's Report
- -Updates of:
 - Meetings and webinars attended: NOAA Caribbean, FEP-TAP, DAPs, CFMC Meeting
 - Recipe Book
 - Illustrated Booklets on Ecosystem Based Fishery Management (EBFM) and US Caribbean MPAs
 - MREP update
 - Update status of O & E products Approved by the CFMC: Bulletin boards with fisheries information for fish markets/restaurants and Signs on MPAs, St. Croix MPAs poster and Fact Sheet.
- **10:15 – 10:20**
- **Short Break**
- **10:20 – 11:00**
- -Update on status of the Fishery Ecosystem Plan (FEP)
- - Outreach and education strategies needed
- - Recommendations from OEAP
- **11:00 – 12:00**
- –Island - Based Fishery Management Plans Update
- **12:00 p.m. – 1:00p.m.**
- Lunch
- **1:00 p.m. – 5:00 p.m.**
- –OEAP recommendation of outreach strategies on IBFMPs for Puerto Rico, St. Thomas/St. John, and St. Croix, USVI
- Liaisons recommendations
- Liaisons reports:
 - Wilson Santiago/PR,
 - Nicole Greaux/ St. Thomas
 - Mavel Maldonado/ St. Croix
- CFMC Facebook, Instagram and YouTube Communications with Stakeholders
- **Other Business**
 - **Dr. Manuel Valdez Pizzini Book**



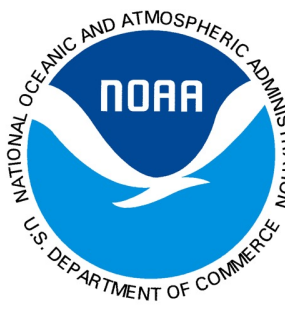
OEAP Chair Report



Virtual Meetings and Webinars attended



- Several Marine Resource Education Program (MREP) meetings of the Steering Committee to review content of fishers' workshop in 2022.
The MREP Workshop August 26-28, 2022. La Parguera; Commercial, Recreational fishers and.... 40 participants from different areas of PR.
- Zoom Meetings with personnel from The New School Institute (Montessori Schools), teachers and DE personnel to promote a marine science curriculum for the La Parguera Intermediate School, with emphasis in fisheries, and marine conservation.



Virtual Meetings and Webinars attended

- NOAA Caribbean Steering Committee to discuss updates on MPAs and the soft coral tissue disease in the Caribbean. May 21 and July 16.
- Reef Fish Extension Spring 2022 Virtual Meeting May 24, 2022
- NOAA Citizen Science webinar
- NOAA webinar Integrating Climate Change into MPA Management

There were many other zoom meetings and calls to discuss O & E initiatives on forage fishes, spawning aggregations, life cycles of Nassau grouper, Mutton snapper and Queen conch.



Communication and Outreach Strategies

5YSP 2020-2025



1. Communication of sound science and data on (i) fish and fisheries; (ii) productivity; (iii) ecosystem health; (iv) governance; and (v) socioeconomics and decision-making.
2. Improvement of public understanding of the processes and interconnections in the marine ecosystem that impact the fisheries through the use of locally relevant education and communication strategies to increase understanding of the public and policy makers on various aspects of fishing.
3. Work with the existing legislative, regulatory and institutional frameworks that often is insufficient or fragmented and lack the coordination needed to effectively or coherently address the myriad issues facing fisheries.
4. Design and production of education materials that translate scientific research to the public.
5. Support existing partnerships and build new ones between local, state, federal, and nongovernmental entities to identify, leverage, and apply financial and other resources to facilitate improved coastal ecosystems from different impacts.
6. Increase political awareness and understanding of the ecological and socioeconomic impacts of fisheries to promote better stewardship and informed decisions.

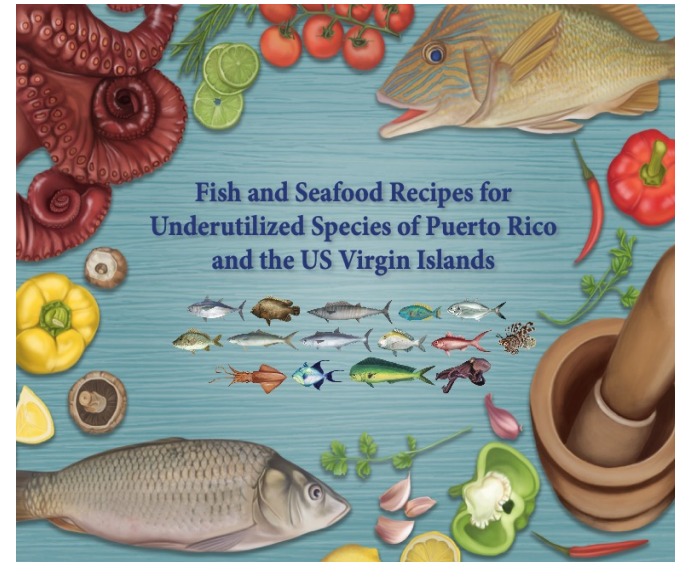
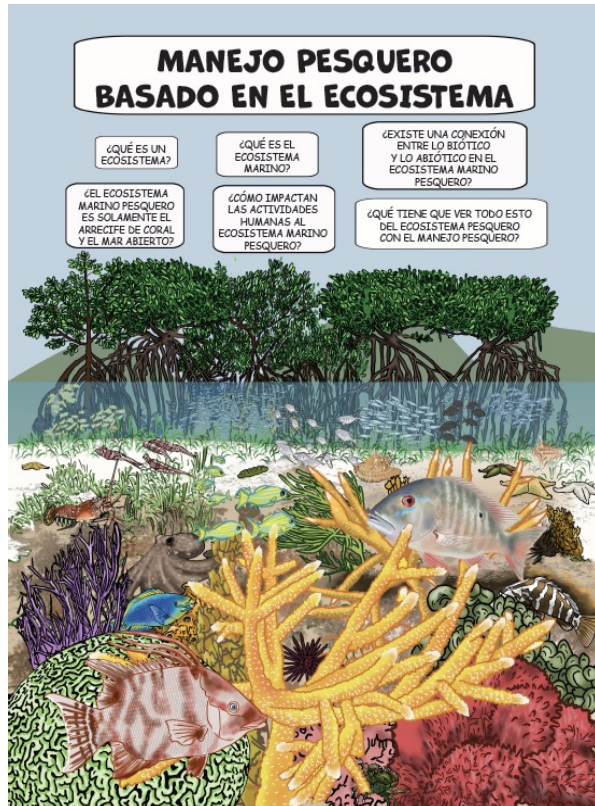


Specific areas of action for Outreach and Education in 2020-2025

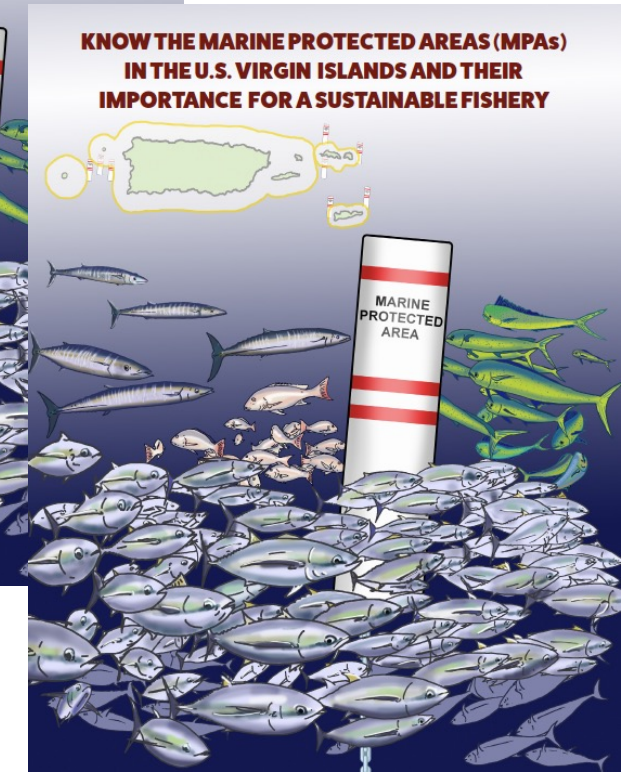
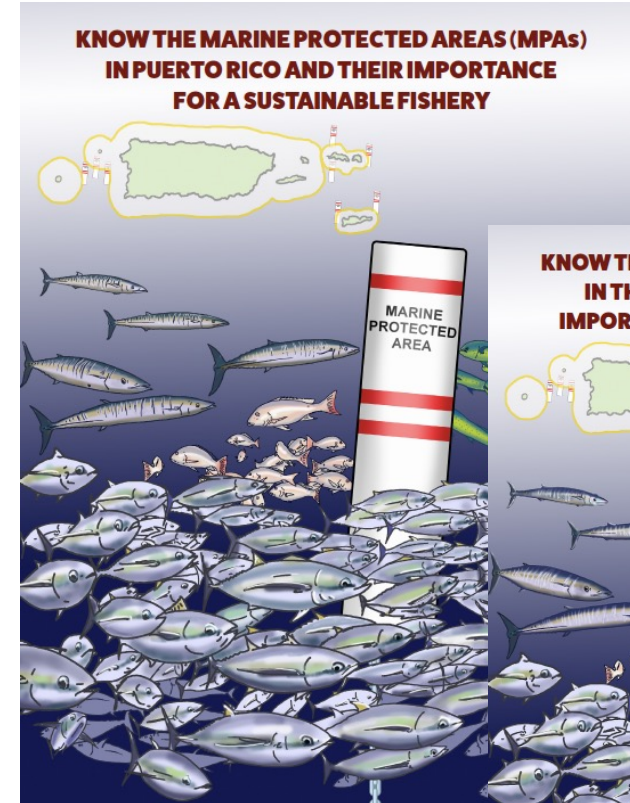


- Basic concepts of **Ecosystem Based Management** and their application to the management measures. The objective is to help fishers and consumers in general to understand the components of the marine ecosystem, the importance of the **Fishery Ecosystem Plan** for the marine fishery ecosystem and their responsibility in keeping it healthy and sustainable.
- **Island Based Fishery Management Plans (IBFMP) for Puerto Rico, St. Thomas/St. John and St. Croix.** The objective is for fishers and consumers to recognize the species being managed, their natural function in the marine ecosystem and the importance of management measures to keep the ecosystem healthy and the fishery resources sustainable.
- **Sustainable Fish and Seafood consumption** to educate consumers on the importance to consume these products and, at the same time be aware of the impact of removing those species from the ecosystem.
- **Marine Protected Areas in Puerto Rico, St. Thomas/St. John and St. Croix.** Their importance as instruments for the protection of fishes spawning aggregation and the regulations applied to these areas from territorial and federal government agencies.

O & E Products

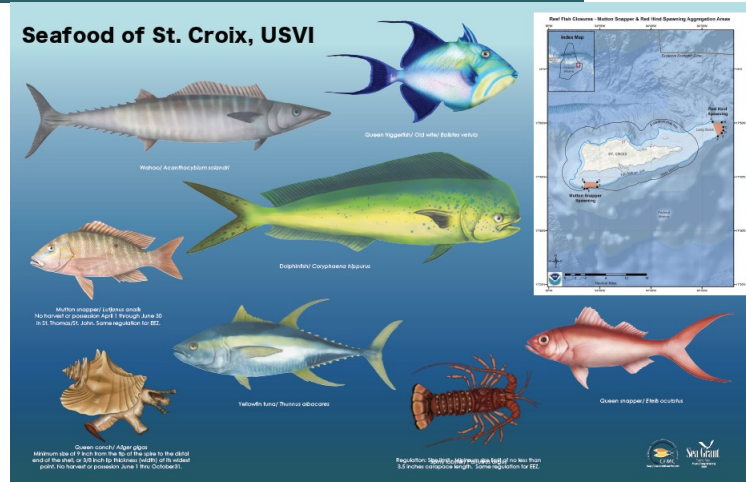
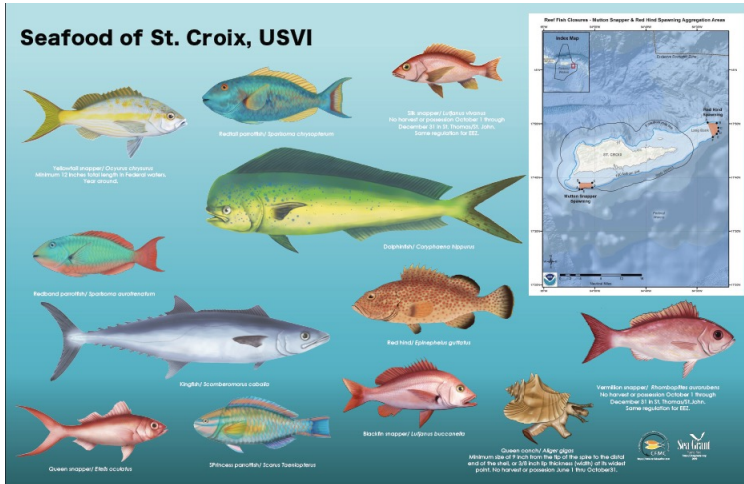


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1st drafts

- Placemats for St. Croix



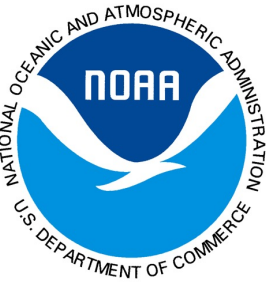
Fact Sheets

Biodiversity in the U.S. Caribbean marine fisheries ecosystem... goes beyond the fish and seafood species

Echinoderms/*Echinodermata*

1. Sea urchins
2. Sea cucumbers





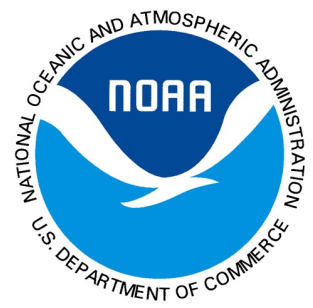
O & E Products...

- **2023 Calendar: Fishing Families**
 - 5 PR
 - 5 ST. Croix
 - - St. Thomas/St. John
- **Materials for snapper/grouper deep-water fishing**

Gerson Martínez, Mavel Maldonado and Edward Schuster
- **Calendars 2024, 2025**



Liaison Reports: Update on status of Fisher's communities in PR, ST. Thomas/St. John and St. Croix.



- **Liaisons:**

- **Nicole Greaux** – St. Thomas/St. John
- **Wilson Santiago** - Puerto Rico
- **Mavel Maldonado** – St. Croix

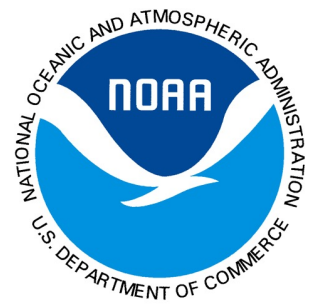


Recommendations from OEAP members





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CFMC Social Media Update



- Facebook, Instagram and YouTube. **Cristina Olán**