



**Outreach and Education
Advisory Panel (OEAP)**

REPORT TO THE COUNCIL

172nd CFMC Regular Meeting

GoTo Meeting
December 8 -9, 2020

Happy New Year!



Meetings attended



- **September 11, 2020:** NOAA Caribbean Steering Committee
- **September 23, 2020:** Webinar on Island Based Fishery Management Plans to NOAA in the Caribbean
- **September 30, 2020:** OEAP Meeting
- **October 7, 2020:** DAPs, OEAP and Liaisons; FEP/TAP; CFMC Strategic Plan –Dr. Michelle Duval
- **October 15, 2020:** USVI MAPs outreach materials, UPRSG and CariCoos
- **October 21, 2020:** FEP –Dr. Michelle Duval to discuss stakeholder’s engagement :LenFest group and the Pew Charitable Trust.
- **October 22, 2020:** Wilson Santiago/PR Liaison, Cristina Olán PEPCO contents
- **November 5, 2020:** Webinar for Tourists Guide-PRTC

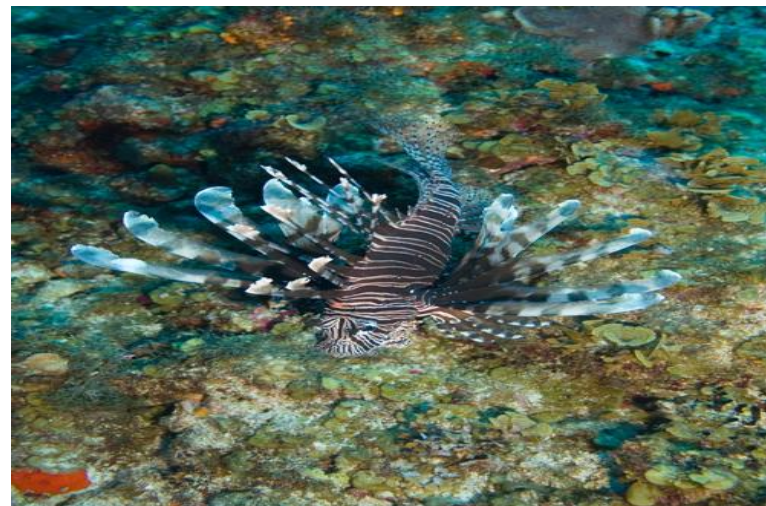
SUSTAINABLE SEAFOOD CONSUMPTION CAMPAIGN

Calendar 2021



Recipe Book

4. Pez león (Lionfish) –*Pterois volitans*



Es una especie del Pacífico invasora que abunda en nuestras aguas. Se destaca por las espinas abundantes y el cuerpo arrayado en franjas. Se encuentra en lagunas y arrecifes en profundidades de hasta más de 300m. Las espinas dorsales son venenosas. La carne no es venenosa y tiene buen sabor.

It is an invasive Pacific species that abounds in our waters. It stands out for its abundant spines and striped arrayed body. It is found in lagoons and reefs at depths of up to more than 300m. The spines are poisonous. The meat is not poisonous, and it tastes good.



Webinar for Tourist Guides through the PR Tourism Company



50
COMPAÑIA DE
TURISMO
PUERTO RICO

CONSUMIDOR RESPONSABLE, PESCA SUSTENTABLE

JUEVES, 5 DE NOVIEMBRE | 2:00 PM | ZOOM

CONSEJO DE PESCA DEL CARÍBE

DRA. ALICIA ORTIZ
ASESORA

MARCOS HANKE
PRESIDENTE

TURISMO SUSTENTABLE

<p>Arayao <i>Lutjanus viverrus</i></p> <p>Se refiere a un pez marino de agua salada, conocido comúnmente como Arayao. Este pez es muy apreciado por su carne blanca y firme, que se utiliza comúnmente en platos como el arroz con pollo y el arroz con carne. El Arayao es un pez de agua salada que habita en aguas profundas y se captura principalmente en el Caribe y el Pacífico.</p>	<p>Coginúa <i>Caranx crysoleucas</i></p> <p>Una especie de pez marino de agua salada, conocido comúnmente como Coginúa. Este pez es muy apreciado por su carne blanca y firme, que se utiliza comúnmente en platos como el arroz con pollo y el arroz con carne. El Coginúa es un pez de agua salada que habita en aguas profundas y se captura principalmente en el Caribe y el Pacífico.</p>	<p>Boquiclorao <i>Brevoortia pacifica</i></p> <p>Se refiere a un pez marino de agua salada, conocido comúnmente como Boquiclorao. Este pez es muy apreciado por su carne blanca y firme, que se utiliza comúnmente en platos como el arroz con pollo y el arroz con carne. El Boquiclorao es un pez de agua salada que habita en aguas profundas y se captura principalmente en el Caribe y el Pacífico.</p>
<p>Especies Subutilizadas</p> <p>Se refiere a especies de peces que no son ampliamente conocidas o utilizadas. Estas especies pueden ser muy valiosas y se deben proteger para asegurar su sostenibilidad. El consumo responsable de estas especies puede ayudar a reducir la presión sobre las poblaciones de peces y promover la sostenibilidad de la pesca.</p>		



Consumidor responsable = Pesca sostenible

Alida Ortiz Sotomayor Marcos Hanke
Caribbean Fishery Management Council

Collaboration with The Nature Conservancy.



Sustainable Seafood Consumption Campaign...proposed products



- Short videos on home cooking of underutilized species – Jannette Ramos and Cristina Olán.
- Develop a **Guide to analyze underutilized species for educational purposes**. It will help fishermen, fisheries managers, educators and the general public to understand what is an underutilized species and the appropriate considerations when recommending its consumption.



Marine Fisheries Ecosystem of Puerto Rico and the U.S. Virgin Islands

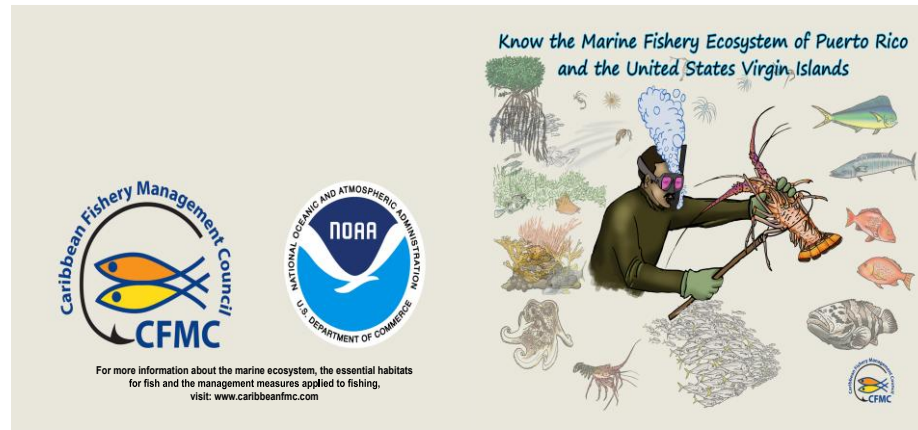
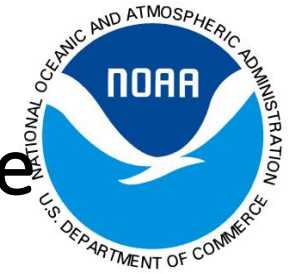


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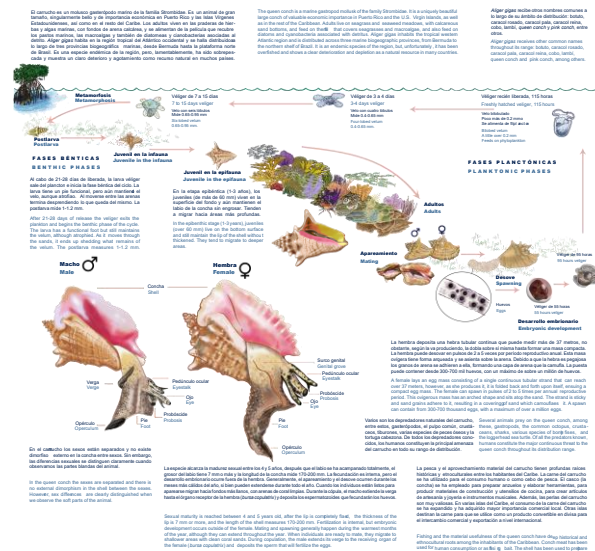
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- New short videos on **Habitats of Particular Concern** based on the videos on Essential Fish Habitats.
- Development of audiovisual materials for 4H groups requested by Nelson Crespo.

Life Cycle Posters of Important species

Life cycle of the Queen conch

Ciclo de vida del Carrucho / Life cycle of Queen Conch *Aliger gigas*



¡No los confundas! Do not confuse them!

Comparación de las conchas adultas de las especies presentes en Puerto Rico y la Isla de las Vírgenes. **Distinciones:**

- Aliger gigas (Queen Conch):** Máx. 200 mm (8-13 in)
- Strombax gigas (Queen Conch):** Máx. 100 mm (4-16 in)
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- Strombax gigas (Queen Conch):** Máx. 100 mm (4-16 in)



Working on new posters



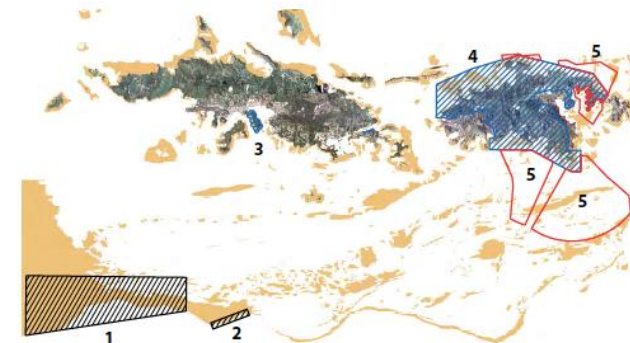
- **Nassau grouper** (*Epinephelus striatus*) and **Mutton snapper** (*Lutjanus analis*) spanish, english and french versions
- Biological aspects: life cycle, preys, predators, spawning aggregations seasons
- For international Campaigns on these species that are important for the US Caribbean CFMC outreach.



Outreach materials on Protected Marine Areas in the USVI



- Collaborative Project with CariCoos/UPR Sea Grant includes
 - Fact sheet, Poster, stickers, wallet cards with information and regulations on Protected areas (Grammanik Bank, MCD, Parks and Monuments)
 - Short videos and social media posts



1. Red Hind Bank Marine Conservation District
2. Grammanik Bank Seasonal Closure
3. Hassel Islands Historic District
4. Virgin Islands National Park
5. Virgin Islands Coral Reef National Monument



1. Buck Island Reef National Monument (1961-2001)
2. Expanded Buck Island Reef National Monument (2001+)
3. Salt River Bay Historical Park & Ecological Preserve
4. Mutton Snapper Spawning Aggregation Area
5. Red Hind Spawning Aggregation Area - Lang Bank

Maps of National Monuments and National Parks (blue and red) and Fishery Closures (black) of St. Thomas and St. John (top) and St. Croix (bottom). Brown shading represents shallow (<35 m) hard bottom substrate.



Social Media



- Cristina Olán, presentation



Recommendations to the Council



1. Outreach initiative to educate the public on the values and importance of the MPAs for a sustainable fishery is very important. The Council should consider support for all the initiatives in the USVI and extension to Puerto Rico.
2. The ***Responsible Consumer = Sustainable Fishery*** outreach initiative is effective for consumer's involvement in fisheries protection. The Council should consider support for all the initiatives in Puerto Rico and extend them to the USVI.





Liaisons reports...

- Wilson Santiago – Puerto Rico
- Nikita Charles – St. Croix
- Nikole Greaux – St. Thomas/St. John



Puerto Rico Liaison Officer

Wilson G. Santiago Soler

CFMC 172th Regular Virtual Meeting

December 8-9 2020

2020 Liaison Participation

- Coordinate virtual PEPCO resources and presentations
- Support Cristina Olan with new post at CFMC social media regarding closures and DNER administrative orders for Puerto Rico fishers
- Participate in different workshops regarding fisheries education
- Make a fisher's telephone database for the text message alert network
- Support the CFMC to find pictures and areas of catch per species for the 2021 CFMC calendar
- Make an email database of fishers for alert messages
- Support fishers with issues and information of DNER State and Federal Closures
- Give educational materials for the fishers

Puerto Rico's Fishers Issues

- Issues with DNER license and permit procedures
- New fishers' misinformation about fishing closures, statistics report, licenses and permits for state and federal waters in Puerto Rico
- Low enforcement to watch the closures and illegal commercial fishing in state and federal waters

¿Questions?

Contact Information:

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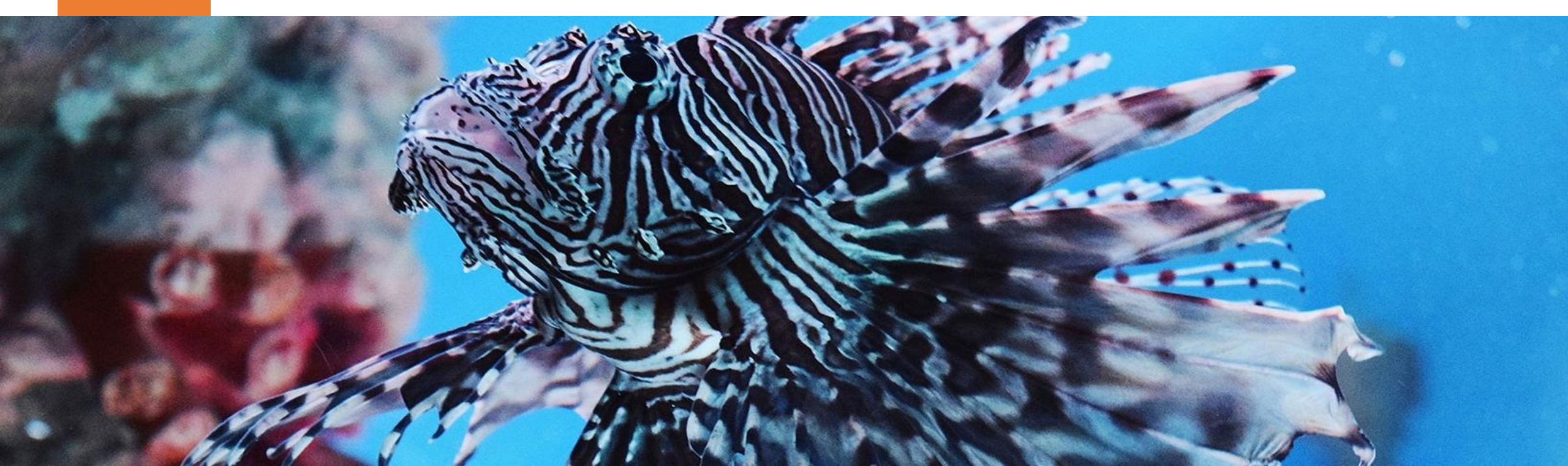
CFMC LIASON: ST.CROIX

Nikita Charles



UPDATES ON RRSSI:

REEF RESPONSIBLE SUSTAINABLE SEAFOOD INITIATIVE



Education Materials

Working along side the Department of Fish and Wildlife to get educational materials printed out for the program such as posters, brochures, etc.

Social Media

As a team we've established incorporating weekly posts on social media outlets such as Facebook and Instagram to help promote and bring awareness to our mission. Having added items such as "Trivia Tuesday" and "Fish Spotlight Friday" to our pages.

Commercial Fishers

Next coming Friday we will be welcoming fishers at the reopening of the La Reine Fish Market and giving them the opportunity learn more about how we can help them and how they can sign up for the initiative

RESTAURANT TRAININGS

- In addition, more restaurants have been added to the list of Reef Responsible Restaurants for outreach.
- Currently we are scheduling restaurant trainings for the month of December.
- Also working on establishing monthly zoom trainings as well as adding a presentation that works well with interacting virtually with individuals.
- Met with reef responsible advisory council to get input on the restaurant presentation. We have decided that we will be including things like Stony coral tissue loss disease (SCTLD) and exhibiting ways to properly measure legal sizing for purchasing specific types of catch.





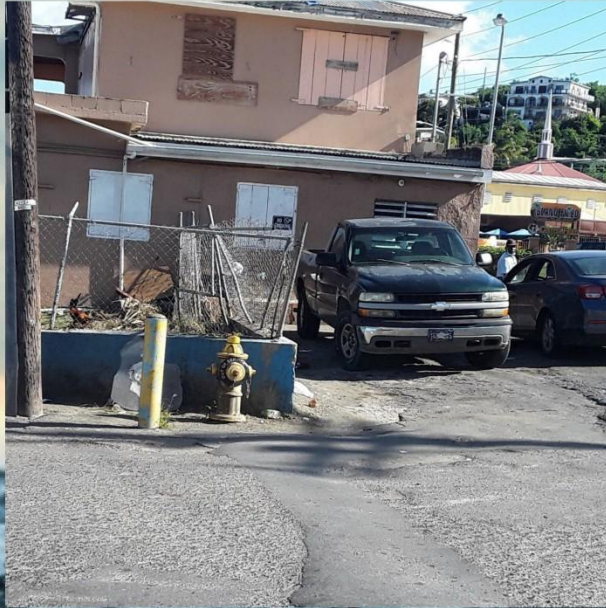
1.

THANK YOU

Upkeep and improvements needed

Fishers would like timeline for repairs improvements.

Smith Bay
Hospital Ground

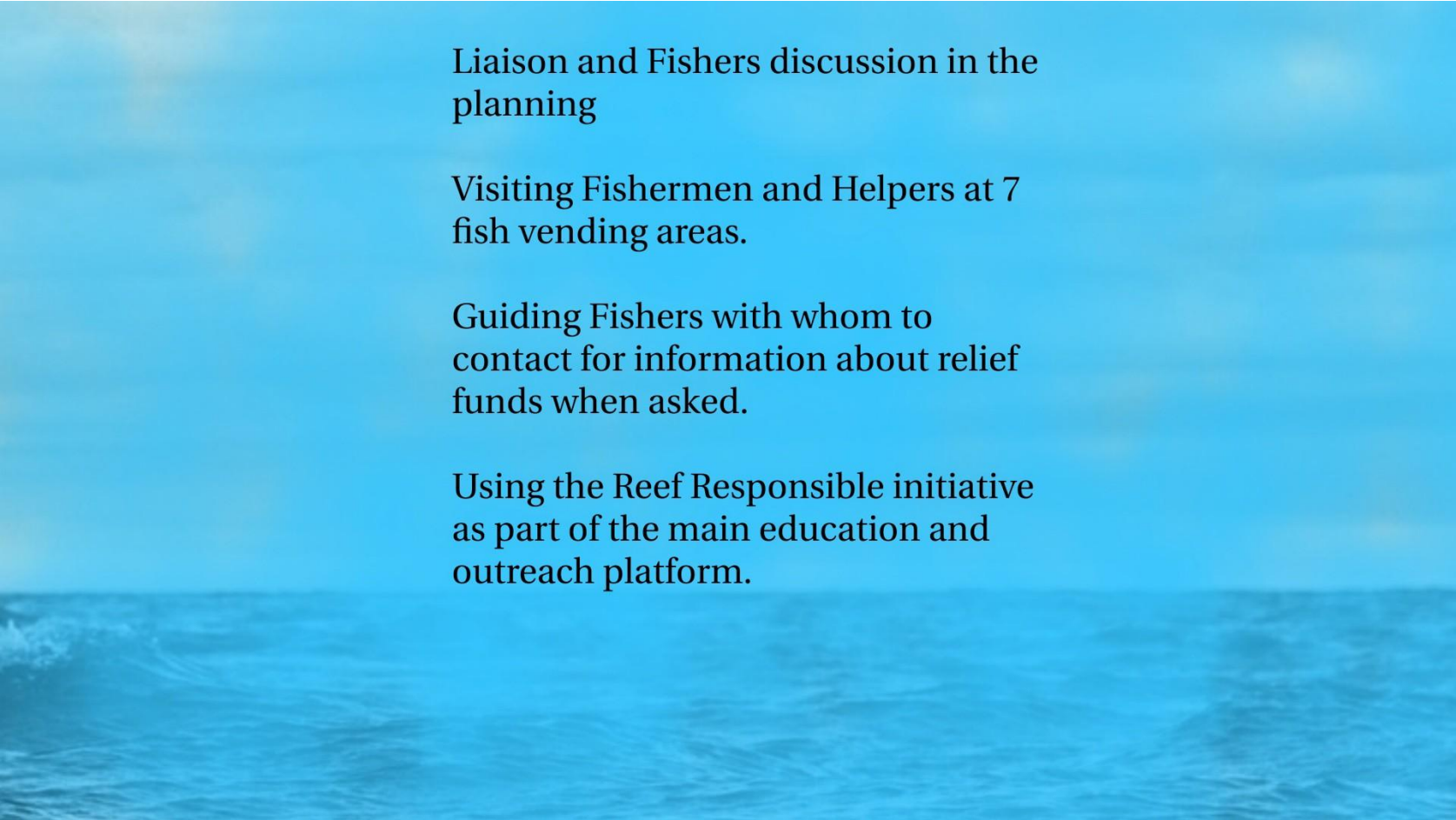


Nikole Rickson Greaux
CFMC Liaison St. Croix

Representation in more events for fisheries

While the St. Thomas Fishers take part in Tournaments, They are missing as a key part in Marine Fisheries events and activities.





Liaison and Fishers discussion in the planning

Visiting Fishermen and Helpers at 7 fish vending areas.

Guiding Fishers with whom to contact for information about relief funds when asked.

Using the Reef Responsible initiative as part of the main education and outreach platform.

Questions?

Thank you!

