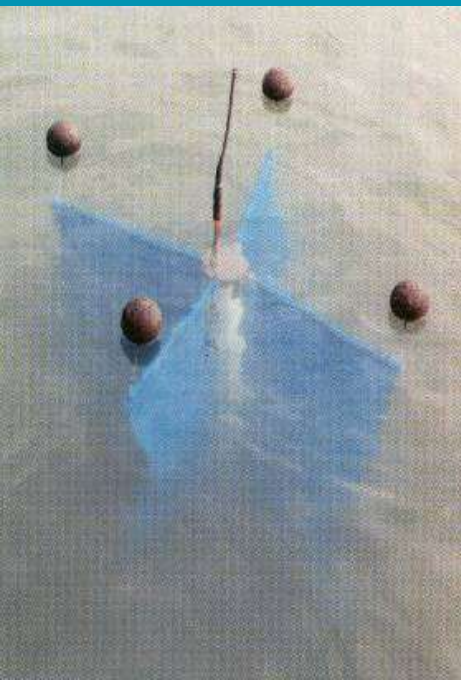




**Workshop on the Future of Scientific
Cooperation between the United States
and Cuba.**

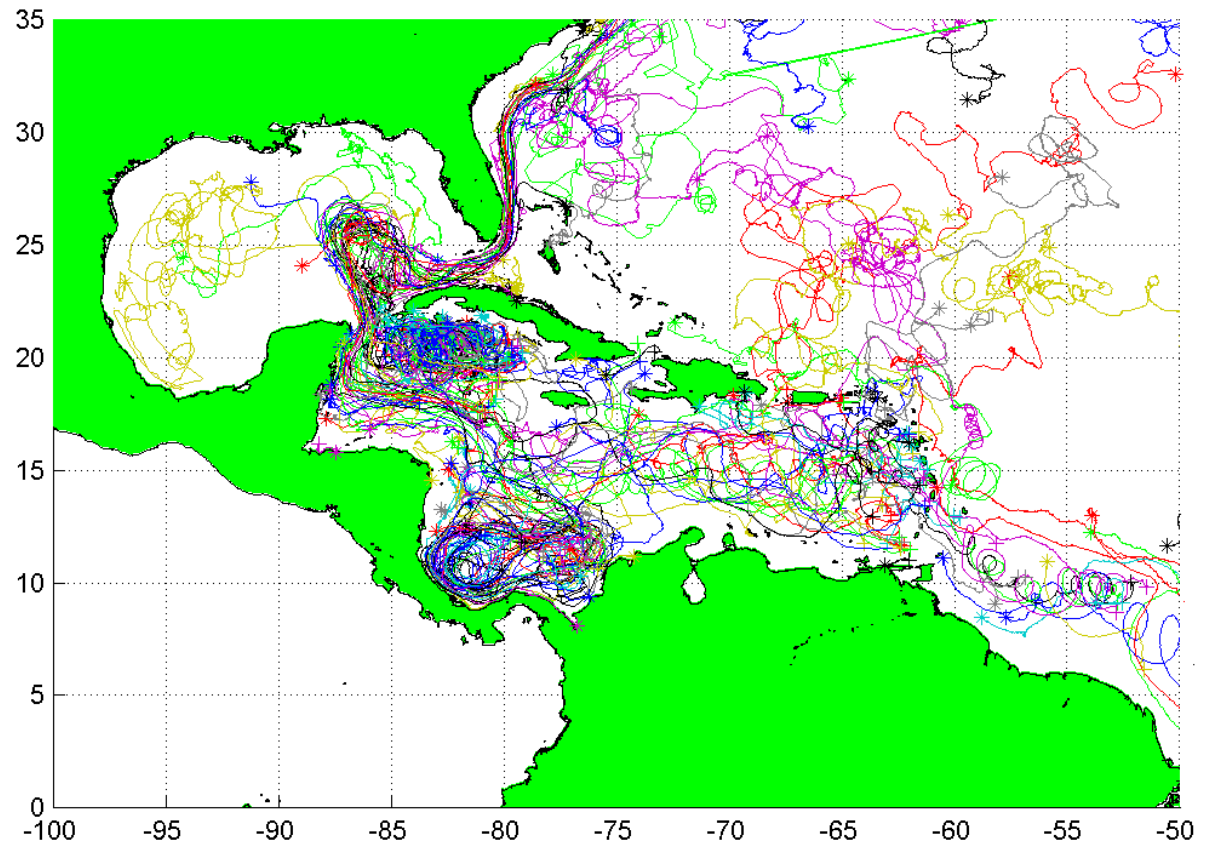
March 20 to 22, 2023

Caribbean Connectivity



Drifter

Current Drifters (1998-2000)
Credit: Kevin Leaman (UM/RSMAS)





The Ocean Foundation : Trinational Initiative and Red the Gulf of Mexico and Wester Caribbean.

Three Research Cruises Since:

2014 June 2014 (CIM, TOF)

February 2015 (CIM, TOF, WHOI)

May 2015 (CIM, TOF, WHOI)



Environmental Defense Fund EDF: Sustainable Fisheries, Fishing Communities and Clean Energy

- Delivery of PAN-Tiburón, a tri-national collaboration.
- Tagging expansion - implementation of satellite tags in Cuba, conventional tagging in Mexico and Cuba.
- Whale shark research publication, a US-MX collaboration.



First actions were carried out from the Harte Research Institute. Mexico-Cuba-USA.







**Major Marine Conservation Areas of Cuba, Yucatán and South Florida
Showing Dominant Current Flow Patterns**



Cuba Min Rex



Marine Protected Areas Meeting

March 23-24 2015





Marine Protected Areas Meeting
March 23-24 2015





CubaMinRex



Áreas Marinas Protegidas

Julio 12-15 2015

Parque Nacional Guanahacabibes, Pinar del Río, Cuba



**All the participants in the second meeting between
Cuba and the United States (AMP)**





CUBA - US COOPERATION IN ENVIRONMENTAL ACTIVITIES



- Signature of the Memorandum of Understanding on the cooperation and management of Marine Protected Areas, November 18, 2015.
- Signature of the Joint Declaration between the Republic of Cuba and the United States of America for Cooperation in the Field of Environmental Protection, November 24, 2015.





CUBA-US COOPERATION IN ENVIRONMENTAL ACTIVITIES



- Participation of two students in the 25th Course on Protected Areas at Colorado State University.
- The VII Workshop of the Mexico-Cuba-USA Trilateral Initiative for actions in the Gulf of Mexico was held in Cuba (46 participants from 17 US scientific institutions)
- Participation of more than 80 American specialists and experts on environmental issues in the X Convention on Environment and Development in July 2015.
- Two experts participated in the Nancy Foster Boat Expedition.



CUBA - US COOPERATION IN ENVIRONMENTAL ACTIVITIES



- The exchange visit of specialists and Invasive Alien Species to Everglades National Park was carried out in January 2016.
- From 3 to 10 exchange visit between Cuban experts on the topic of Management of Marine Protected Areas as part of the MOU actions.



AMP World Conference. Vancouver, Canada February 3-9, 2023

Meeting to discuss the Memorandum of Understanding MOU on Cooperation in the Conservation and Management of Marine Protected Areas:

- Meeting Objective: To discuss areas of common interest and potential collaborative activities under the MOU.





CUBA - US COOPERATION IN ENVIRONMENTAL ACTIVITIES



- Pending actions to be carried out by both parties:
 1. Update of the pending actions of the MPA Memorandum with NOAA.
 2. Retake again the signing of the MOU of Terrestrial Protected Areas.
 3. Hold a Video Conference for the topics of Climate Resilience in Corales.
 4. Visit to Cuba of Managers of the US AmPs and directors of NOAA.
 5. Joint expedition to the Bank of San Antonio and Flower Garden.
 6. Publications in high-impact scientific journals with the results of collaboration on different topics.
 7. MOU to INSMET.

An aerial satellite-style map of the Caribbean region, showing the Caribbean Sea in the center, surrounded by the Americas and the Caribbean islands. The text "THANK YOU" is overlaid in white on the sea. A white grid is visible over the entire map.

THANK YOU