Potential MEIP pilot projects:

1. Risk Assessment in Maritime Navigation for the Greater Caribbean Region (a project already endorsed by the MACHC)

Layers of info needed for the project:

-ATNs

-bathymetry (locations of wrecks)

-AIS data

-environmentally and economically sensitive areas (from Gonzalo)—wants to show how far away ships

-Also looking for the ages of vessels that cross the Caribbean, their flags,

economic data

-Accidents

1. Tri-national Marine Protected Area Network (REDGOLFO)

Initial focus on U.S., Mexico and Cuba, with expansion possibilities for wider Caribbean region. Would like to have a digital atlas to show where they are, what is being protected, be able to do comparative studies and manage them better.

Data layers needed:

-MPA boundaries (up-to-date detailed boundaries coordinates) and boundaries of uses/restrictions or others within MPAs (if available)
-Governance (e.g., restricted areas within and outside MPAs---fisheries, navigation, mining, anchoring---, laws/jurisdictions relevant to the area)
-Bathymetric features
-Habitats (sea floor habitats and charactheristics)
-Natural risks or areas of potential impacts by natural events
-Navigation routes (including restrictions)
-Ports and piers (including uses)
-Migratory specie routes (e.g., seabirds, marine mammals, turtles, sharks, etc)
-Fisheries activities (including restrictions such as gears, and vessel size)
-Surface streams (Seasonal patterns or annual average)
-Physical conditions (salinity, temperature, oxygen, others)