



# WIDECAST & TNC

2011 WIDECAST Annual General Meeting  
Presentation by John English Knowles

# Overview

- A recent history: TNC and WIDECAST
- The MOU
- Future collaboration
- Recent and Upcoming TNC activities

# An Atlas of Sea Turtle Nesting Habitat for the Wider Caribbean Region



**OBIS·SEAMAP**

home datasets species mapper

you are here: home » widecast all countries and territories

**Wider Caribbean Sea Turtle Nesting Sites**

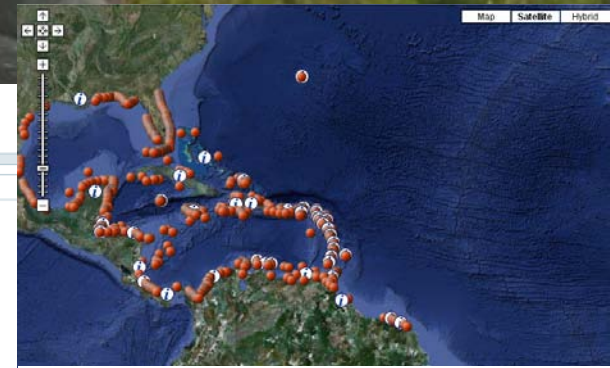
SEAMAP ID	415
# of Nesting Sites	1311 in 43 countries/territories
Last updated	2007/06/27 16:51:28

Information & actions

- Nesting Summary & Search across Countries
- Atlas of Sea Turtle Nesting Habitat
- Nesting Sites Map
- Map on Google Earth

Database compiler: **WIDECAST**  
Wider Caribbean Sea Turtle Conservation Network

Sponsored by: **The Nature Conservancy**  
Protecting nature. Preserving life.



## Abstract

In partnership with more than 120 Data Providers, this spatial data any region of the world, with 1,311 identified nesting sites in 43 W Because some sites host nesting by multiple species, 2,335 specie 100, 100-500, 500-1,000, or >1,000 nesting crawls per year. Data and non-nesting attempts), not nest, counts so that the atlas coul rare, with nesting sites receiving more than 1,000 crawls per year known nesting sites support fewer than 25 crawls (fewer than 10 ) with 33% and 24%, respectively, of all known nesting sites associ the region's capacity to manage and monitor the sea turtle resour turtles and most of the region's largest nesting colonies are censu effort is lacking in most areas, recent data are extremely scarce in foraging habitat. Note: Nesting sites for the purposes of this analy sometimes smaller and sometimes larger than discrete sandy shor some sites consist of multiple beach, others only the shore of

Generously supported by:





Presentation at 30<sup>th</sup> Symposium in India

# Protection of Insular Caribbean Sea Turtle Nesting Sites

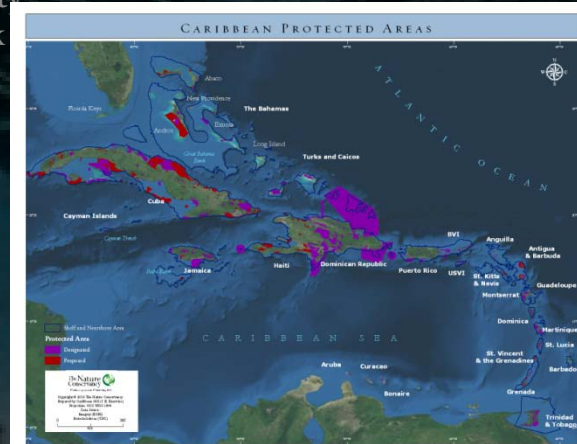
John E. Knowles<sup>1</sup>, Collette Wabnitz<sup>2</sup>, Wendy Dow Piniak<sup>3</sup>, Karen L. Eckert<sup>4</sup>

<sup>1</sup>Caribbean Program, The Nature Conservancy

<sup>2</sup>Fisheries Centre, AERL, University of British Columbia

<sup>3</sup>Nicholas School of the Environment, Duke University

<sup>4</sup>Wider Caribbean Sea Turtle Conservation Network



# TNC Support

The Caribbean



Florida  
Keys

The  
Bahamas

*Atlantic Ocean*

Cuba

Turks &  
Caicos

Cayman  
Islands

Haiti

Dominican  
Republic

Puerto  
Rico

Virgin  
Islands

Jamaica

Antigua  
& Barbuda

St. Kitts  
& Nevis

Guadeloupe

Dominica

*Caribbean Sea*

Martinique

St. Lucia

St. Vincent  
& the Grenadines

Barbados

Grenada

5



11 April 2011

© 2009 TNC Caribbean Program  
By S. R. Schill and J. E. Knowles

J. E. Knowles



# “Sun, Sand and Sea Turtles”

*Inspiring Youth through  
Hands-on Learning*



**Alicia B. Marin**

**WIDECAST Technical Report No. 7**

**2010**

## **IN THE SPOTLIGHT:**

**An Assessment of Beachfront Lighting  
at Four Hotels in Barbados, with  
Recommendations for Reducing  
Threats to Sea Turtles**



**John E. Knowles, Karen L. Eckert and Julia A. Horrocks**

**WIDECAST Technical Report No. 12**

**2009**



# Memorandum of Understanding: WIDECAST & TNC

## Status

- Expired
- Update MOU and areas of collaboration

## Areas of Collaboration

- Training and capacity building
- Conservation communications and awareness building
- Ecoregional planning

# Update the MOU

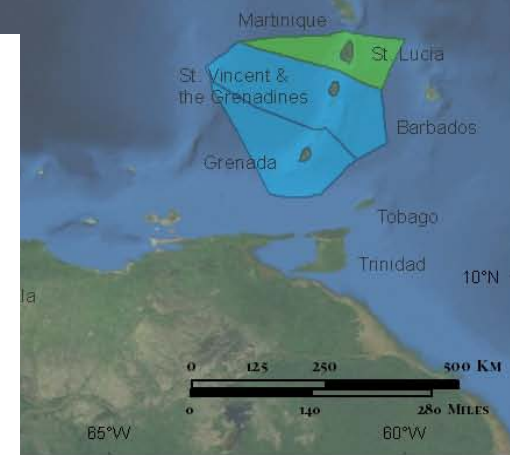
- More strategic and consistent collaboration
- WIDECAST coordinator within TNC
- Regional Wildlife Management Conference
- In-water monitoring
- Cite WIDECAST data in planning documents



# CARIBBEAN CHALLENGE



- Government initiative to protect 20% of coastal and nearshore habitat by 2020
- Will establish the Caribbean Biodiversity Fund to assist with the financial gap that is usually always present
- Read more about it at <http://www.nature.org/ourinitiatives/regions/caribbean/caribbean-challenge/overview/caribbean-challenge.xml>

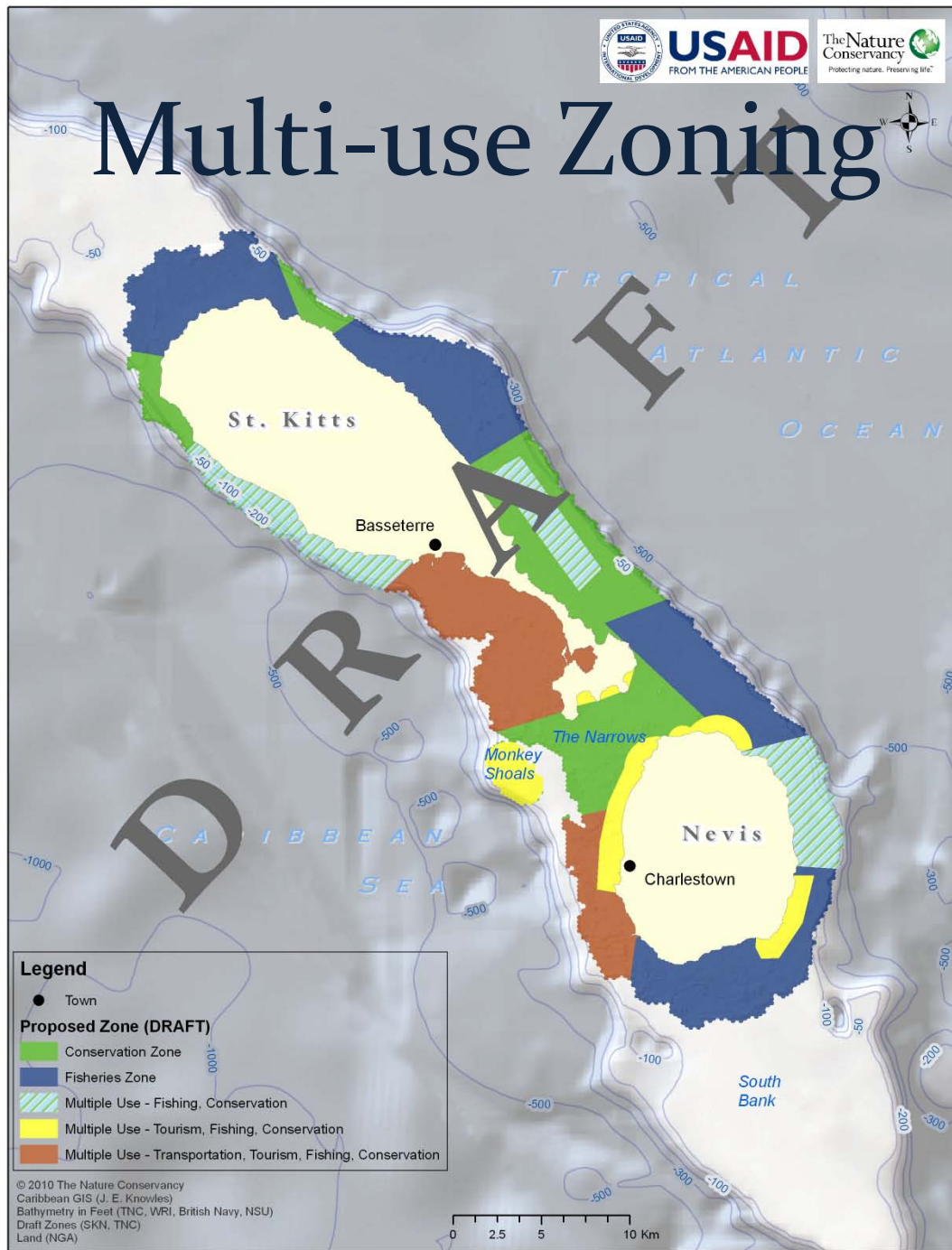




USAID  
FROM THE AMERICAN PEOPLE

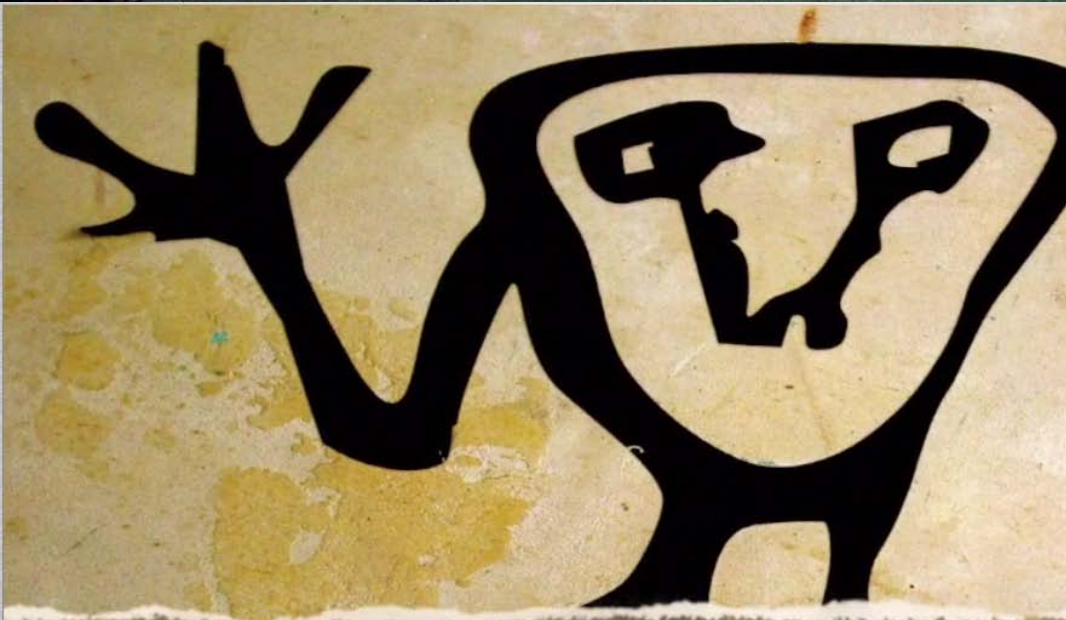
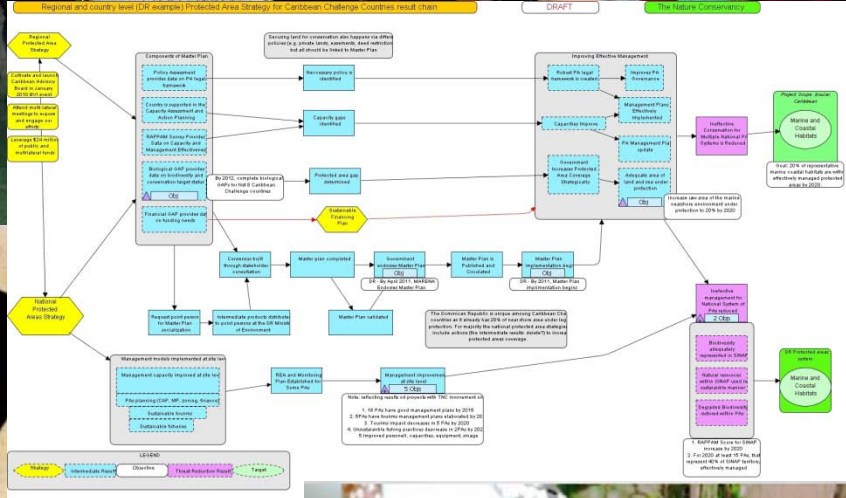
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# Multi-use Zoning



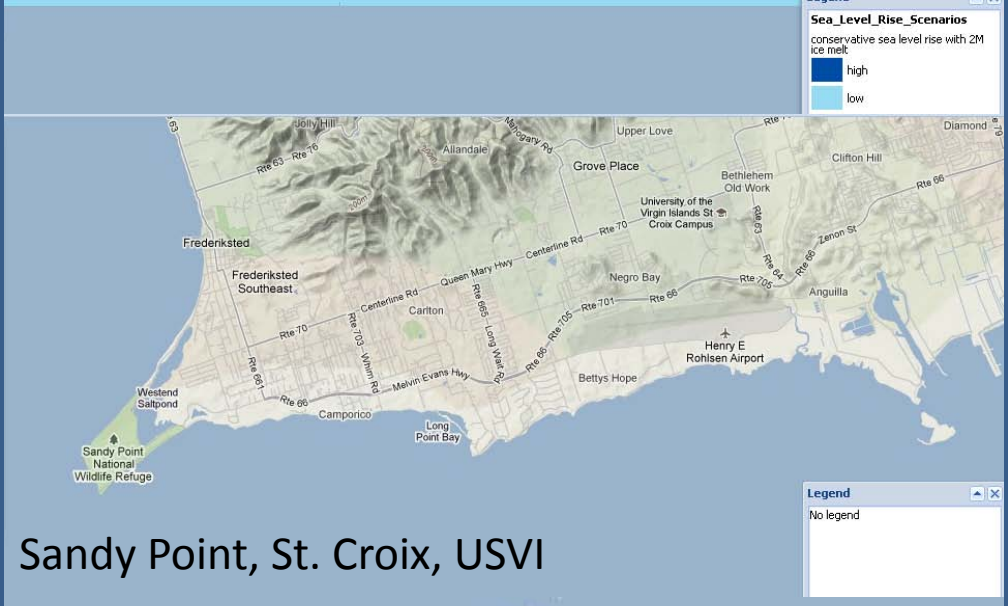


# Measures Workshop



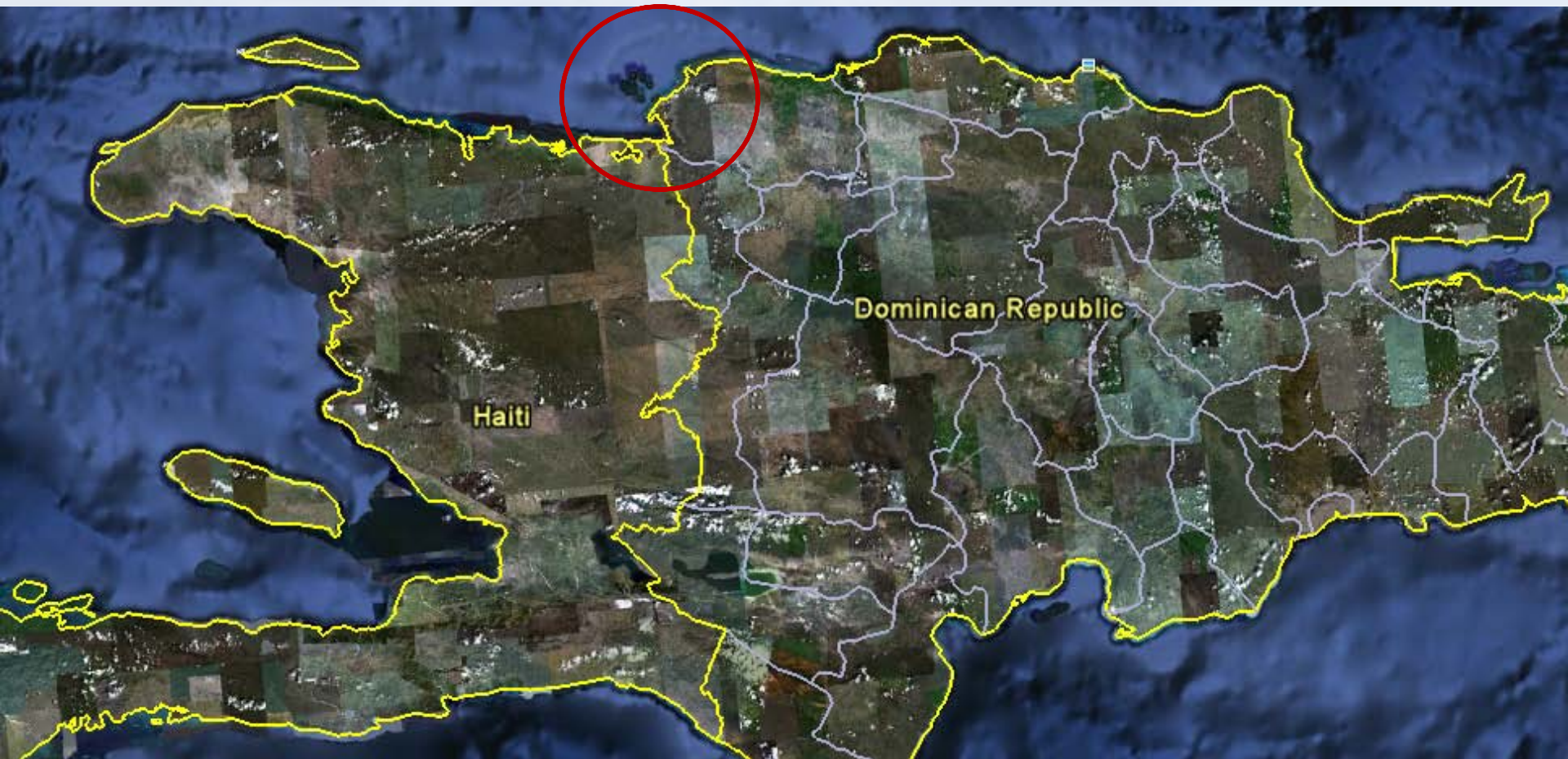


# Visualizing SLR



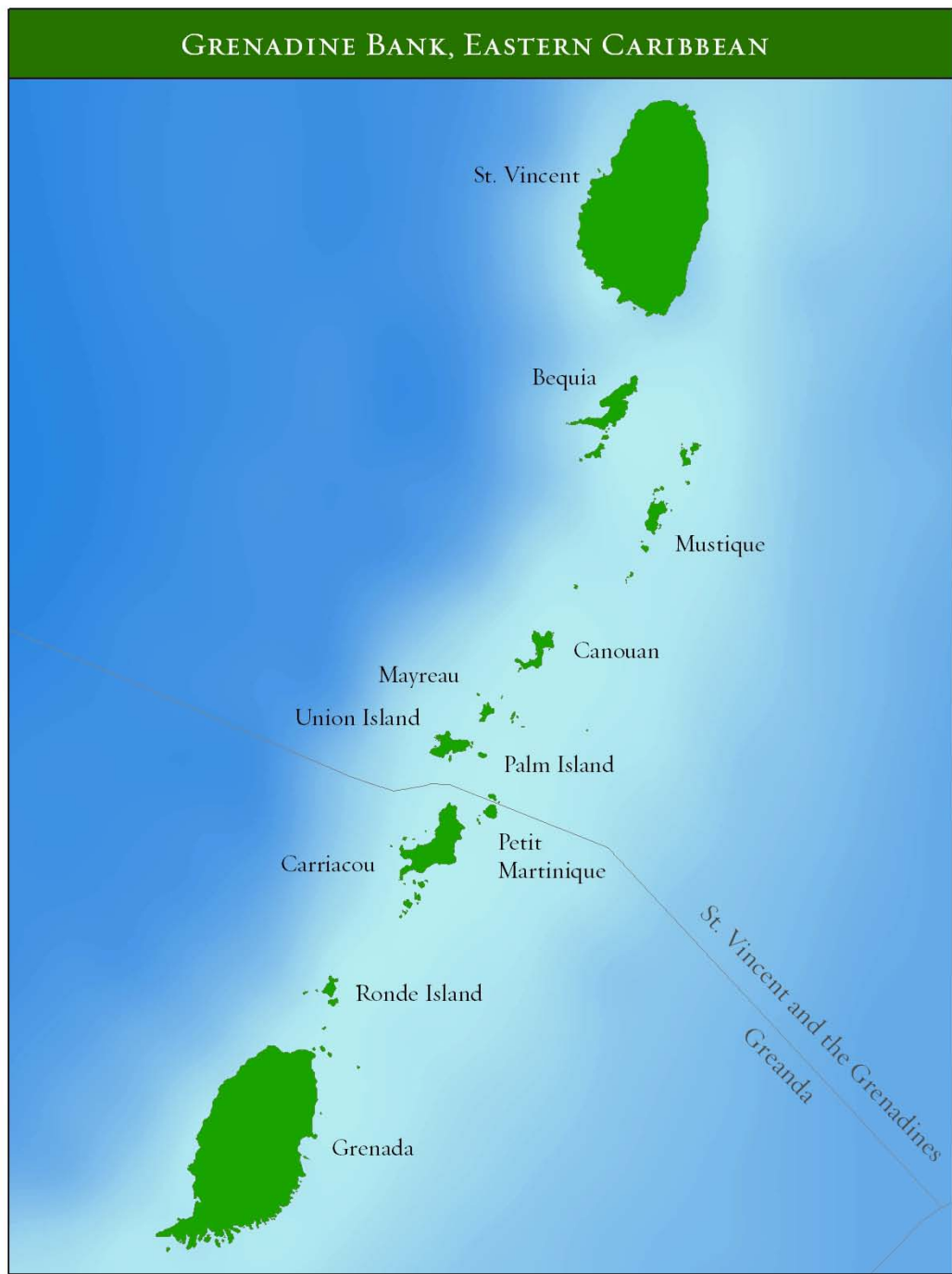
The Florida Keys, Florida, USA

# Trans-boundary MPA Haiti-Dominican Republic

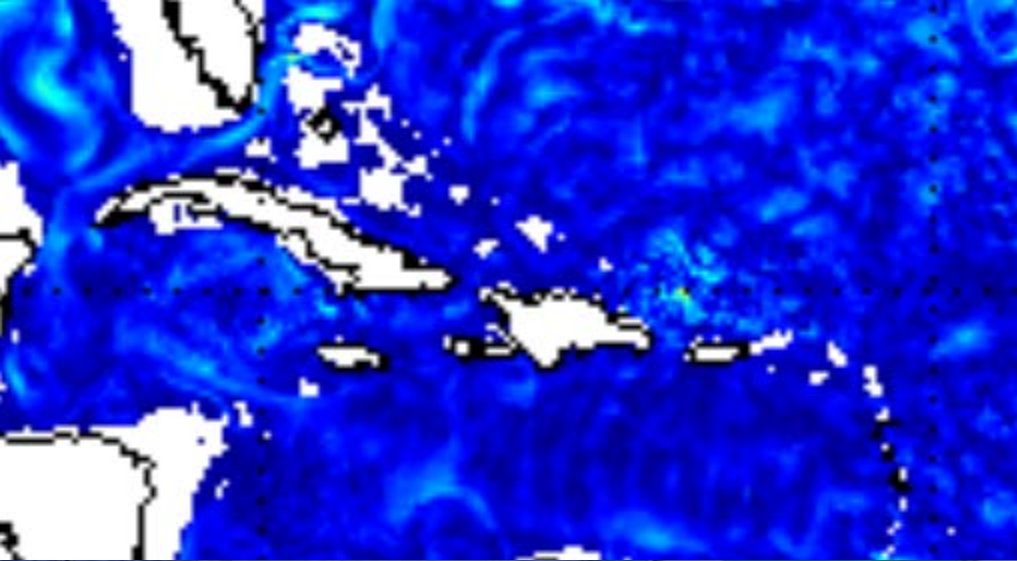




# Ecosystem Based Adaptation

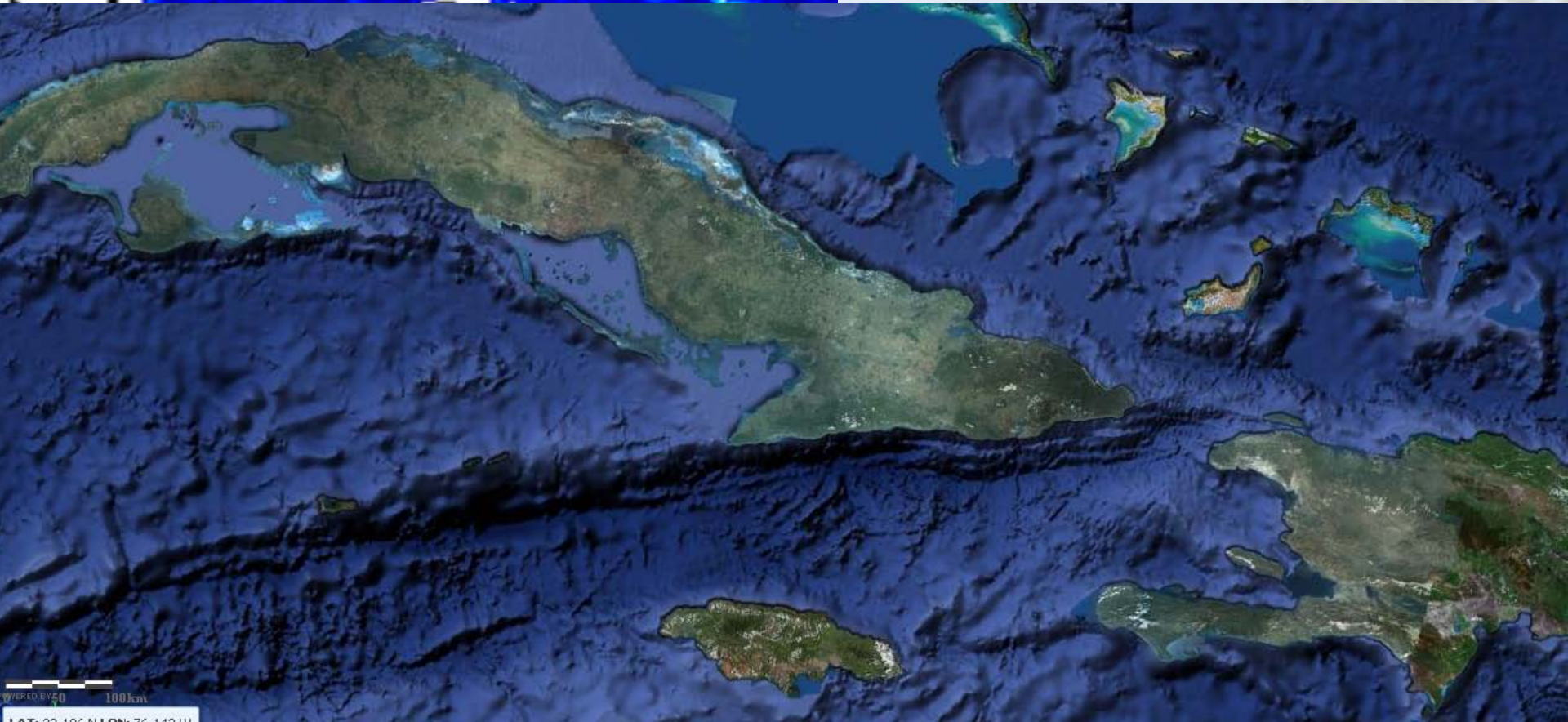






## Connectivity Modeling for the Central Caribbean

- HYCOM data
- Mangrove
- Beaches
- Lagoons/Estuaries





# THANK YOU

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