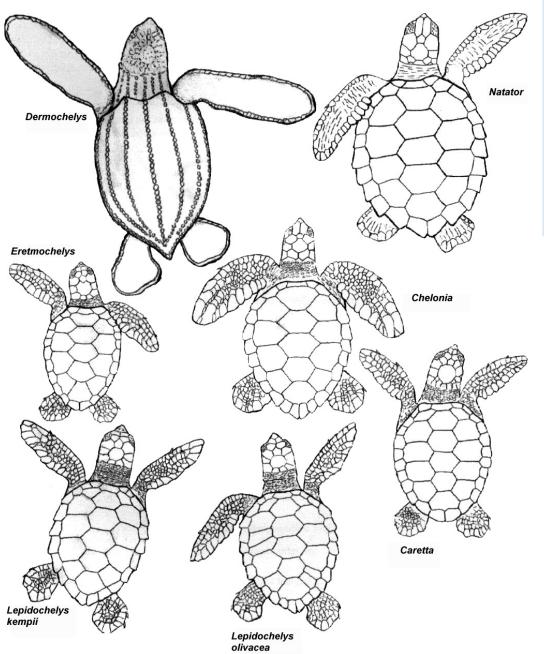




SEA TURTLES are gentle, ancient creatures that have traveled the World Ocean since before the dinosaurs ruled the earth.



Sea turtles originated in the lower Mesozoic Era. The oldest sea turtle fossil (*Santanachelys*) dates to 112 million years ago.

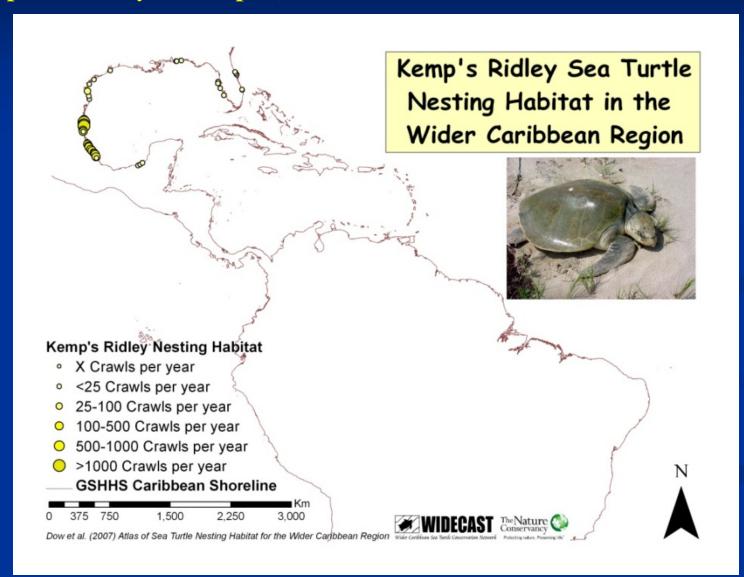




There are 7 modern species – 6 are found in the Caribbean Sea, which supports some of the largest remaining populations.

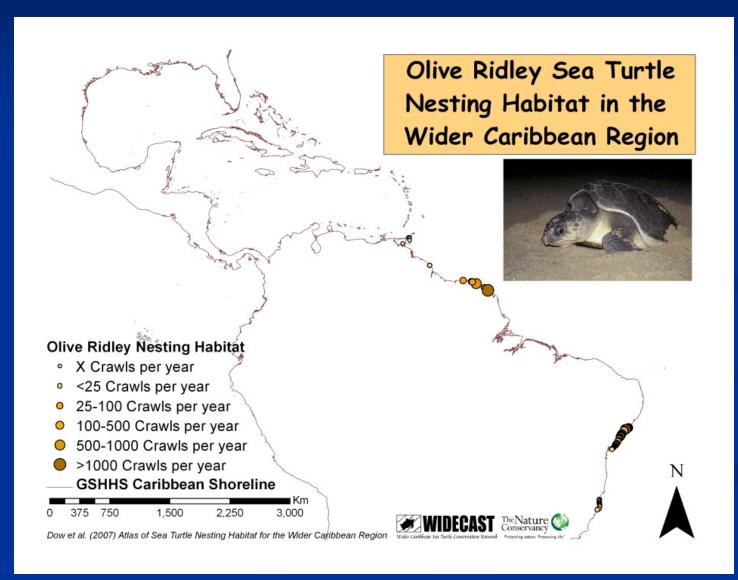
# Kemp's Ridley (Lepidochelys kempii)

### Status: Critically Endangered



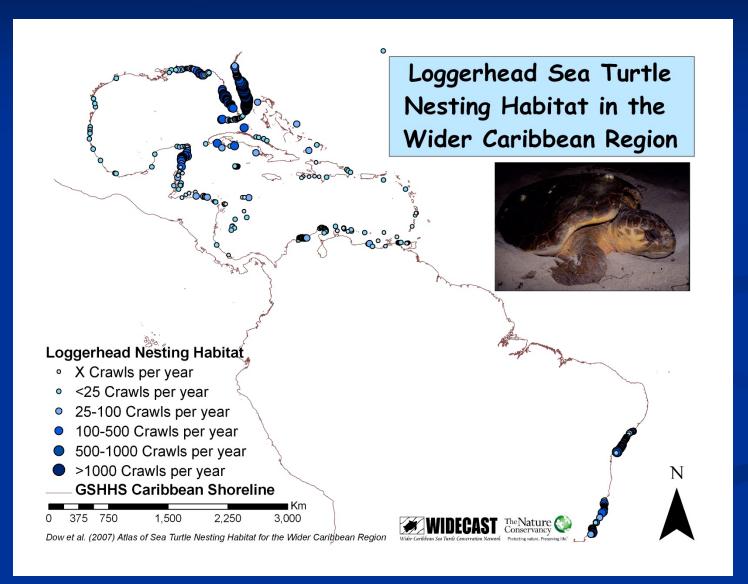
# Olive Ridley (Lepidochelys olivacea)

#### Status: Vulnerable



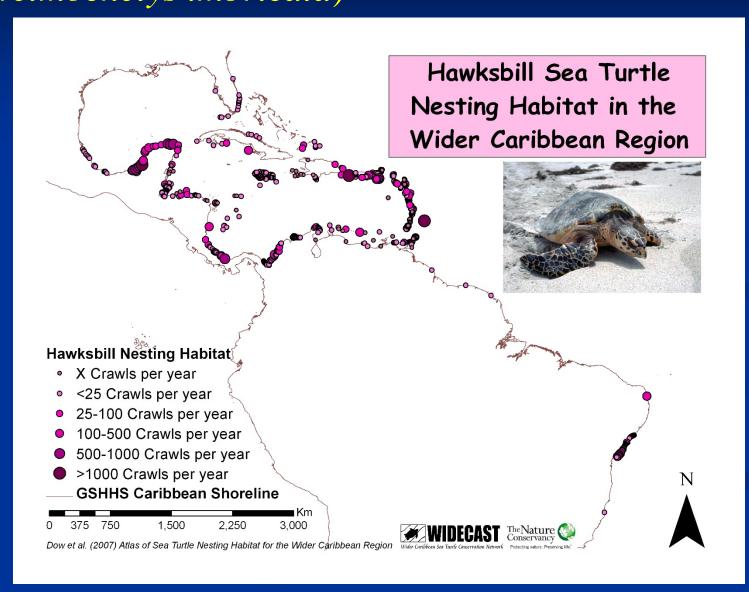
# Loggerhead (Caretta caretta)

### Status: Vulnerable



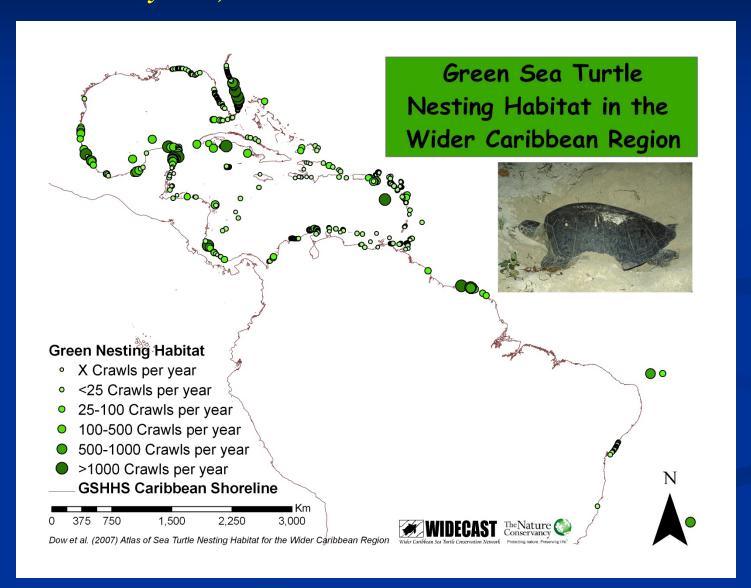
# Hawksbill (*Eretmochelys imbricata*)

### Status: Critically Endangered



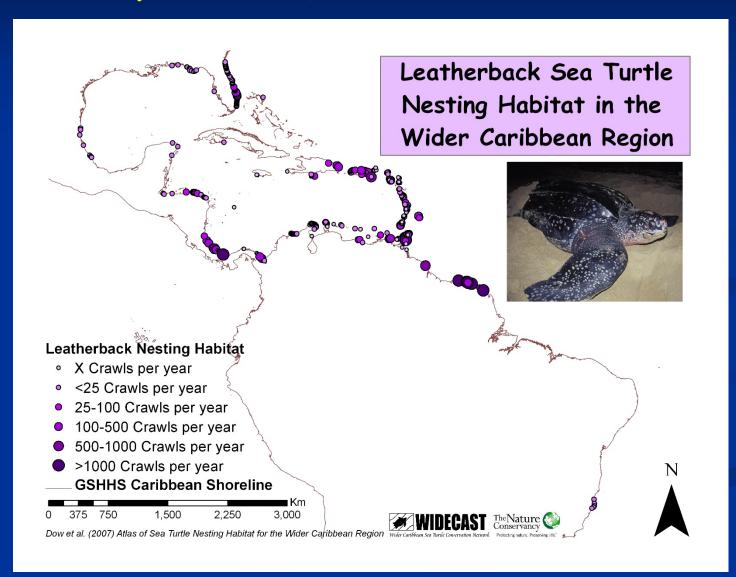
# Green (Chelonia mydas)

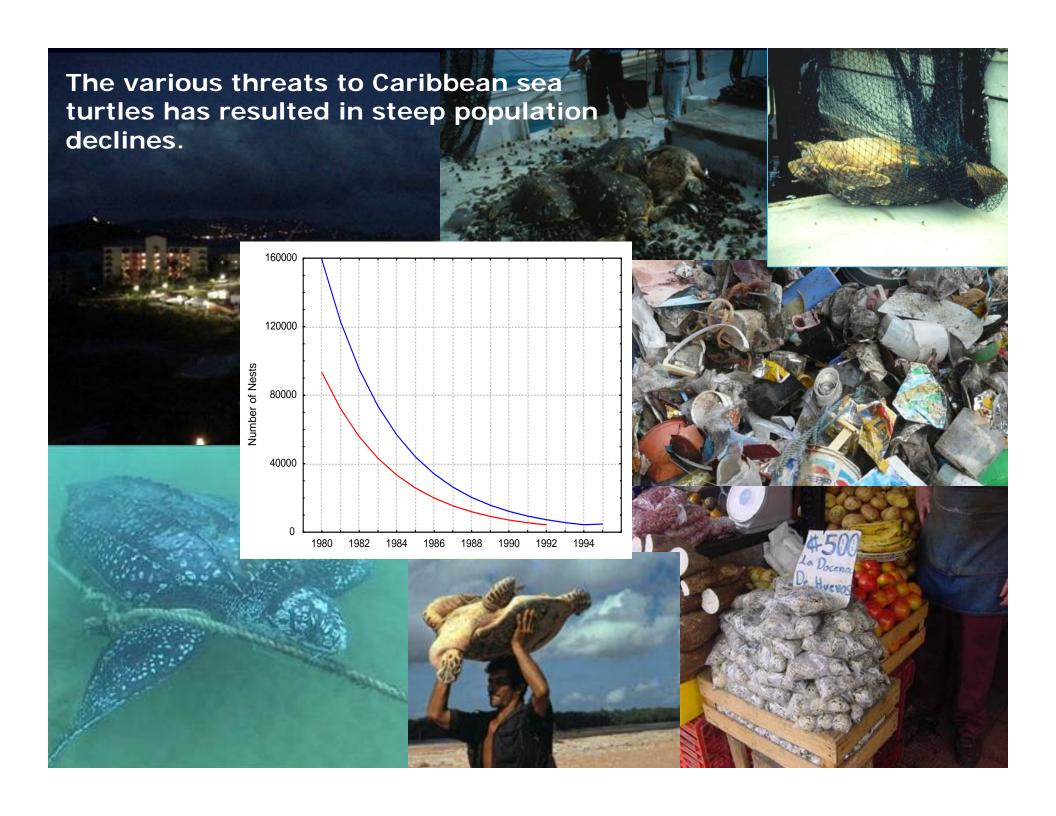
### Status: Endangered



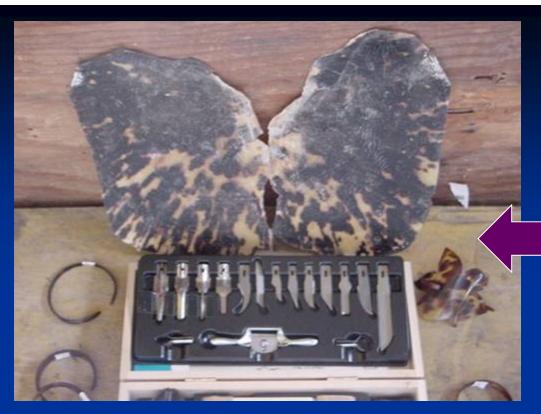
# Leatherback (Dermochelys coriacea)

#### Status: Vulnerable









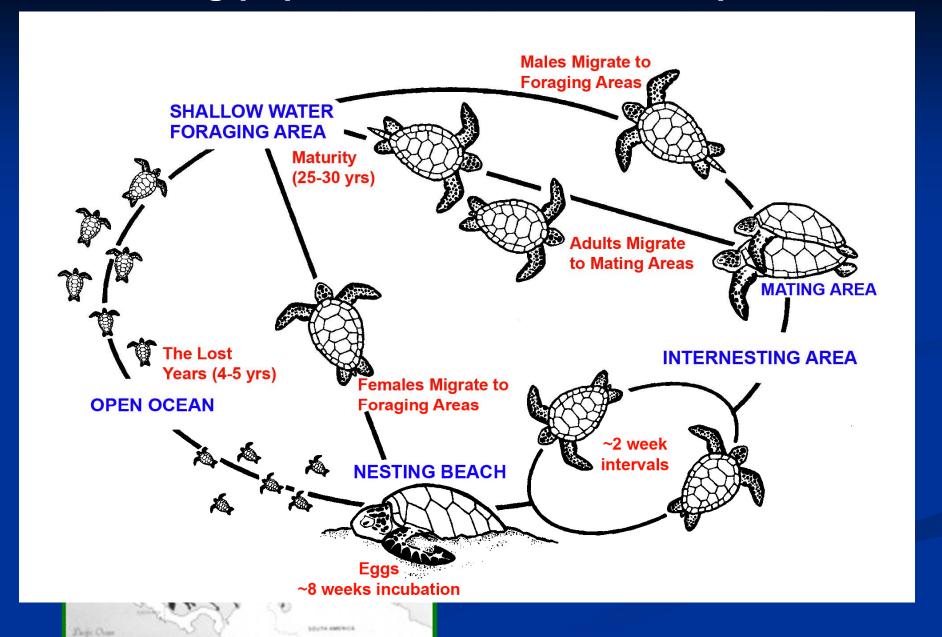








### Reversing population declines is complicated.....



## **Approaches to Conservation**

Coordination of efforts at the national and international levels

Inclusive networking throughout the Wider Caribbean Region



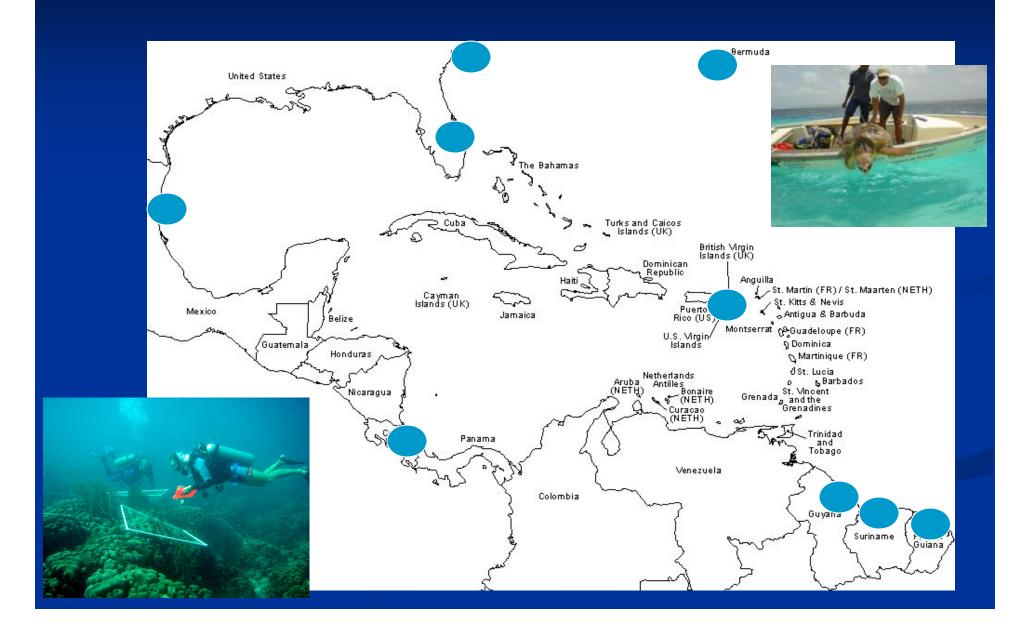
# The Wider Caribbean Sea Turtle Conservation Network (WIDECAST)

- An international coalition of experts
- Works from the premise that conservation must be nurtured from within, it cannot be commanded from outside
- Partner Organization
   ("Regional Activity Network")
   to the United Nations
   Environment Programme's
   (UNEP) Caribbean Environment
   Programme (Kingston,
   Jamaica)





### 25 years ago



## Today















- Best available science to management, conservation, and governance
- Empower stakeholders to make effective use of science in the policy process
- Promote leadership training for Caribbean scientists, managers and policy-makers
- Secure funding to achieve shared goals and promote the "mainstreaming" of environmental concerns into other sectors
- Demonstrate and replicate the best models for successful community-based programs





### **Tagged Turtles**

The tagging of turtles enables monitoring of different life stages over an extended period



### **The Marine Turtle Tagging Centre**

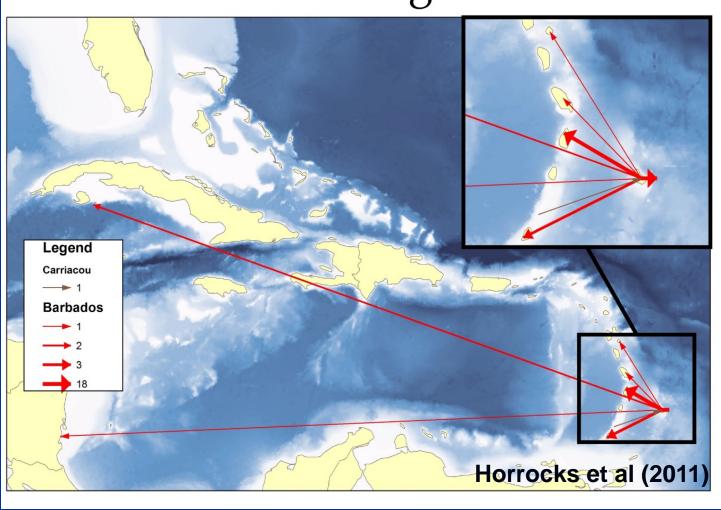




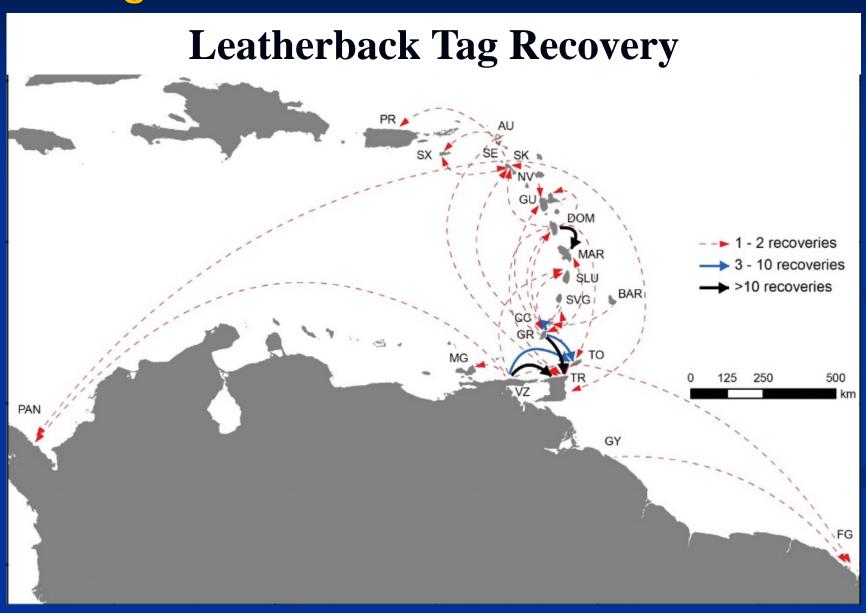
- Provides up to 200 tags per year
- Maintains a record of tag distribution
- Maintains a record of deployed tags
- Receives all tag returns
- Rewards tag returns
- Notifies relevant projects

## **MTTC Tag-Return Results**

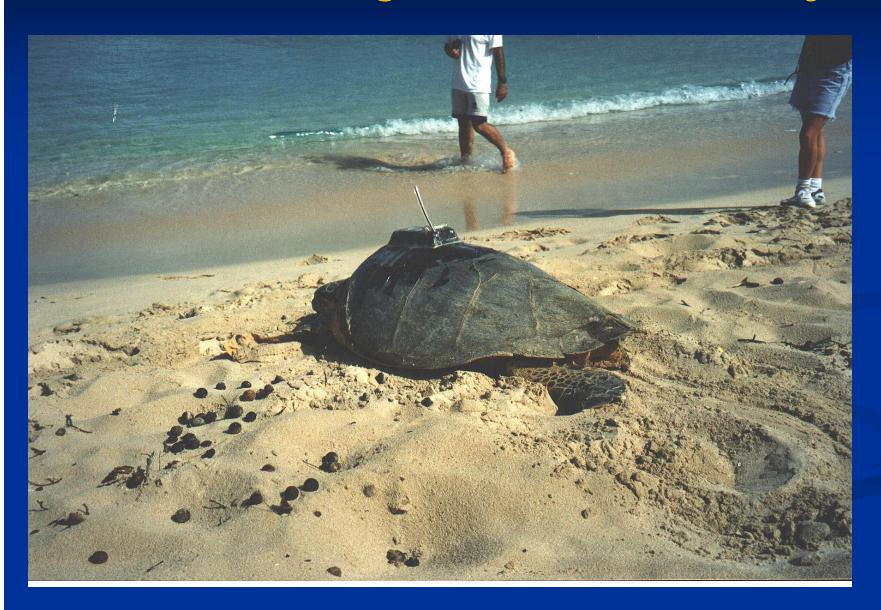
## Hawksbill Tag Returns



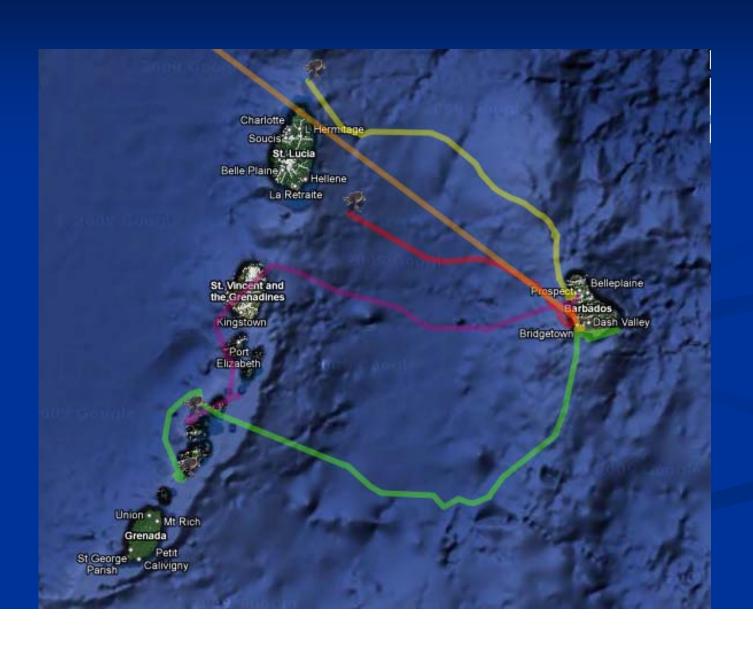
## **MTTC Tag-Return Results**



## WIDECAST Training in Satellite Telemetry



### **Movements of Barbadian Turtles**





Tobago Cays team training in Barbados, 2010

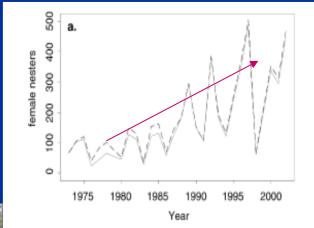
Martinique team training, 2011



# Outcomes: Are Populations Increasing?

# For all six Caribbean-occurring species, there are examples of rising populations

Success is a reflection of unity, of working together to meet challenges that would otherwise overwhelm us if we were working alone







## **Barbados: A success Story**

