

NOVA SOUTHEASTERN  
UNIVERSITY



**Update:**

**National Coral Reef Institute:**

**TO**

**CRTF**  
**U.S. Coral Reef Task Force**

**Saipan September 15, 2010**

**Dr. Richard Dodge, Exec. Dir.**

**Dr. Bernhard Riegl, Assoc. Dir.**

**Wendy Wood, Administrative Coordinator**

**Nova Southeastern University Oceanographic Center**

# NCRI is one of:

## NOAA's CORAL REEF RESEARCH INSTITUTES



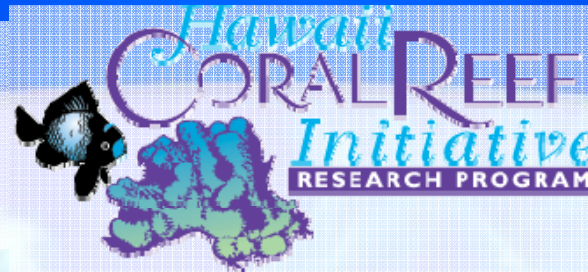
Coral Reef Research for  
Understanding, Management, and Conservation



Western Pacific Coral Reef Institute

Hawaii Coral Reef Initiative (HCRI)  
National Coral Reef Institute (NCRI)  
Caribbean Coral Reef Institute (CCRI)

# The 4 Coral Reef Institutes



**Western  
Pacific  
CRI:**

- **University-based**
- **Cooperative Agreements w/ NOAA CSCOR**
- **Listed: Core components of NOAA's CRCP**
- **Cooperative w/ State, Territorial, and Commonwealth governments**
- **Significant contribution: basic and applied understanding, management, conservation of US & international coral reefs**



Since 1998

**Mission:**

- Management Driven Reef Research
- Hypothesis-Based Science
- Local, Regional & National emphasis
- Collaborate, Partner, Leverage

- Assessment
- Monitoring, &
- Restoration.”

NCRI: helping to meet goals & objectives of the USCRTF and to implement the NAP

In 2008, the USCRTF hosted

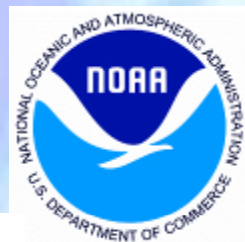


11th  International  
**Coral Reef**  
SYMPOSIUM 2008  
FORT LAUDERDALE • FLORIDA • USA



**USCRTF**  
U.S. Coral Reef Task Force

[www.nova.edu/ncri/11icrs](http://www.nova.edu/ncri/11icrs)



# Hard Copy, CD, Online Proceedings of 11<sup>th</sup>ICRS are out!

- Largest Coral Reef Meeting in World

- Sci & Management

3,500 attend

75 countries

[www.nova.edu/ncri/11icrs/index.html](http://www.nova.edu/ncri/11icrs/index.html)

~250 papers

~1450 pages,

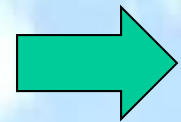
2 vols





# Breaking Ground:

- Spring 2009 ARRA funding for research facilities announced
- National Competition for \$250 million in new laboratory construction via National Institute of Standards and Technology (NIST)
- NSU OC submitted with 166 others



# Successful NIST Application



- **NCRI: only 1 of 12 succeeding**
- **NCRI: only 1 of 2 for \$15 million**
- **NCRI: only ecological based research facility**





# FUNDED: Center of Excellence for Coral Reef Ecosystem Science Research Facility

\$15 million NIST  
\$22 million NSU Match



# Description: Center of Excellence for Coral Reef Ecosystem Science

Research, management, and conservation

- 86K sq ft: \$37M; 400 jobs, Complete 12/2011
- Largest in nation

- Silver Leadership in Energy and Environ Design
- In league with the best

TRANSFORMATION EFFECT on State and  
Nation's Coral Reef Science



# Coral Reef Thematic Approach

- Impacts of climate, fish, and pollution
- Marine spatial planning and mapping
- Deep reefs and Biodiversity
- Molecular biology  
/Conservation genetics
- Ocean and coastal hydrodynamics.



# Is Seeking Partners

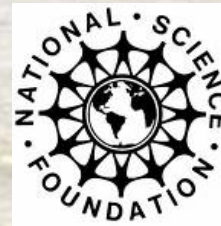
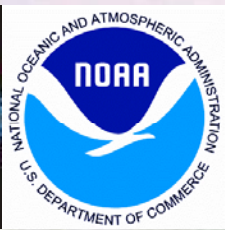
**To leverage infrastructure / expertise to facilitate outstanding research, conservation, and management of the nation's coral reef ecosystems**





# Center of Excellence Coral Reef Ecosystems Science Partnerships Opportunities with:

## U.S. CORAL REEF TASK FORCE



# Coral Reef Institutes: Sustaining Coral Reef Ecosystems Research and Education

- Research, conservation, management
- Protecting the dollar investment and biological heritage FOR the nation
- Thinking globally, acting locally
- PARTNERSHIPS



THANK YOU

