

# FAU and HBOI

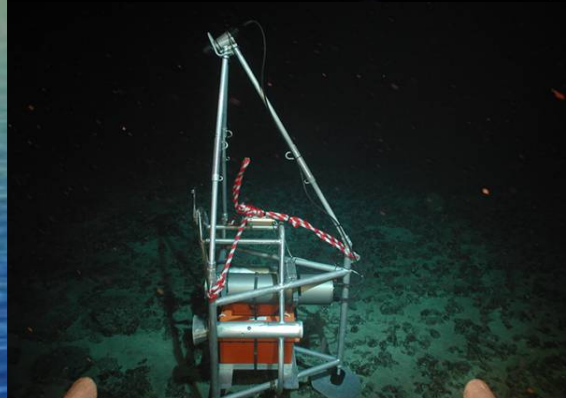
*A Partnership for the Future of Florida*

A Presentation to the <sup>TM</sup>  
Florida Board of Governors  
March 29, 2007

# Harbor Branch Oceanographic Institution: More than 35 Years of Ocean Discovery



# FAU + HBOI = The Dawn of a New Day in Ocean Research



- **Ocean Exploration:** for discoveries related to marine plants, animals and their environments.
- **Ocean Technology:** for developing new tools and technologies for use in exploration and education.
- **Ocean Education:** to conserve and protect ocean resources, cultivate and harvest chemicals from marine organisms to benefit human health.

# HBOI

## A Bird's Eye View of a Seaside Institute



# **Florida Atlantic University Research Initiatives in Ocean Engineering**

**Florida Atlantic University – A leader in Ocean Engineering Research**

**Examples of these research efforts include the development of Autonomous Underwater Vehicles, the Autonomous Oceanographic Sampling Network, Smart Sensors, Naval Shipboard Automation, and Intelligent Control Systems.**



**SeaTech  
Institute for Ocean and Systems Engineering**

# FAU and HBOI

## Possibilities for Florida's Future

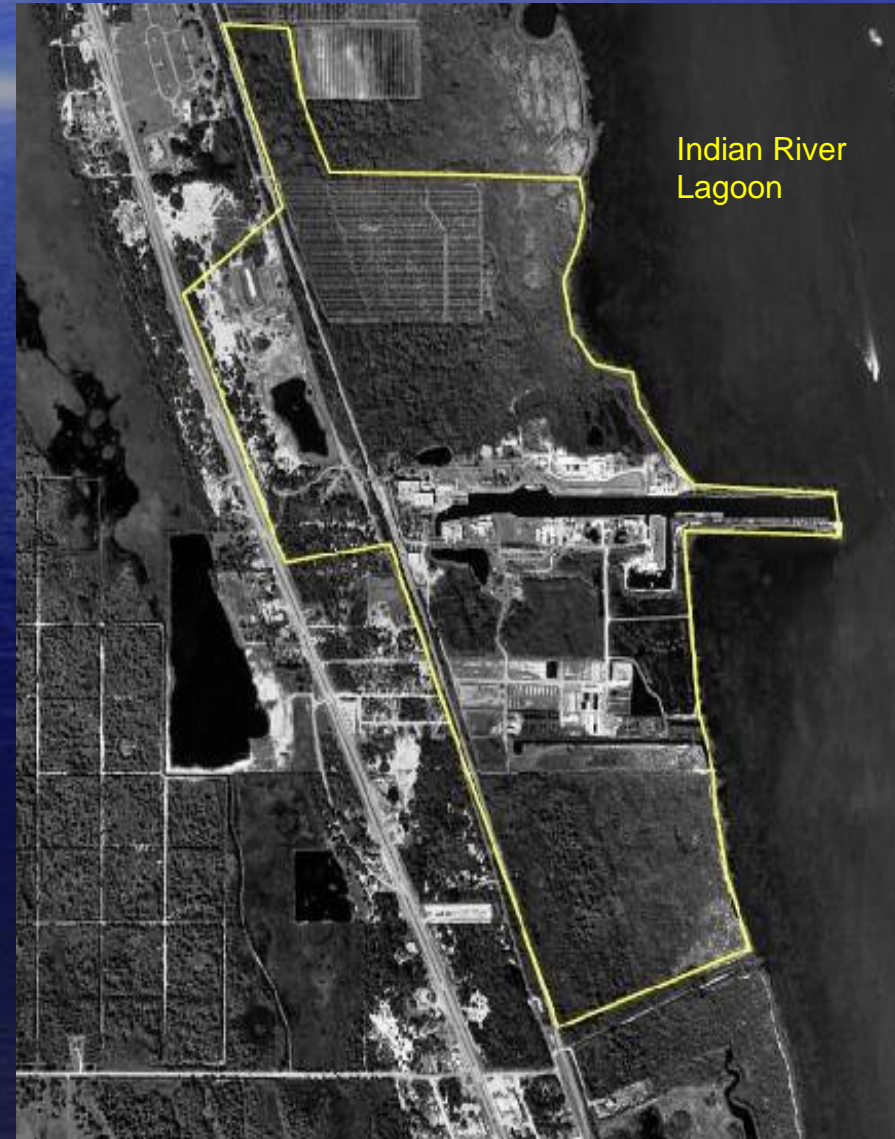
Public and private partnership opportunities to benefit the State of Florida exist at all levels — regional, state and federal

- Internal collaborations and enhancements with FAU's Department of Ocean Engineering, College of Engineering and Computer Science, Center of Excellence in Ocean Energy Technology, Charles E. Schmidt College of Science
- Potential affiliations and synergistic relationships with other research institutes such as Scripps, Torrey Pines, Burnham
- Enhanced research opportunities with other State of Florida public agencies such as other SUS institutions, South Florida Water Management District
- Research opportunities with federal agencies such as the U.S. Department of Energy, the National Oceanographic and Atmospheric Administration, the Office of Naval Research, and USDA's Agricultural Research Service

# FAU and HBOI

## The Organizational Structure

- HBOI remains intact as an FAU research institute
- 181 employees receive one-year guaranteed employment
- HBOI Foundation becomes a separate Direct Support Organization (DSO) of FAU
- Land: Approximately 125 acres deeded to FAU. Approximately 250 acres purchased by St. Lucie County. The remaining property assigned to new DSO with future use subject to FAU BOT approval
- Existing loans become responsibility of new HBOI Foundation



# FAU and HBOI

## Funding the Possibilities

Funding requirements for a viable affiliation include:

- **Recurring State Funding (up to)** **\$13,750,559**  
Salaries and Benefits, Information Systems, Safety/Security, Finance, Library, Facilities, General Services (to cover existing deficits as well as to restore previous levels of activity)
- **One-time State Funding** **\$44,641,984**  
IRM Infrastructure, On-site Science Expansion, Site Conditions/Environmental Issues, Deferred Maintenance, Demolition, and New Building



# **FAU and HBOI**

## **A Sum Greater Than Its Parts**

**Why?** This union will provide long-term benefits to the State of Florida and its citizens.

**How?** This union will...

- **Preserve and protect hundreds of acres of pristine and environmentally sensitive land for the citizens of Florida**
- **Preserve HBOI as an internationally known and recognized research institute**
- **Enhance and expand opportunities for regional, statewide, national, and international research collaborations and synergies**
- **Promote and expand economic development for the region and the State of Florida**

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