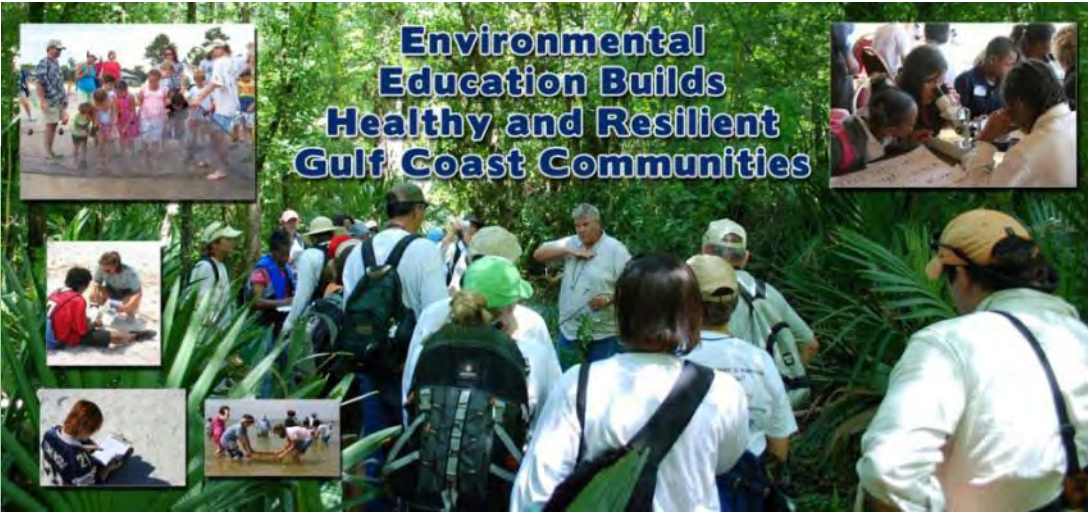


# Gulf of Mexico Alliance Environmental Education Network





# Environmental Education

- Action Plan I Review
- Action Plan II Discussion
- Presentations on current activities
  - Professional development
  - K-12 student and teacher education
  - International education programs
  - GOMA educational resources
- Discussion
  - Cross PIT activities, messaging, and public relations opportunities for GOMA





# Successes Environmental Education

## Top Three Successes

- Partnership & Leveraging that expanded resources = Education Funding to the Gulf
  - = Acquired funds and hired a coordinator
- Increased Collaborations & Focus amongst educators across the Gulf
- Coastal Ecosystem Learning Center Expansion
  - = Ocean Today Smithsonian Kiosks and additional kiosk exhibitry



# Successes Environmental Education

## Specific Examples

- Underserved and Underrepresented Populations Working Group & Pilot Programs
- Campaign Strategy
- Web Resources through USGS National Wetlands Research Center National Biological Inventory Infrastructure and Northern Gulf Institute



# Online Resources Environmental Education

- [www.nbio.gov/gomaeen](http://www.nbio.gov/gomaeen) Online Digital Library “Clearinghouse”
- [www.gulfallianceeducation.org](http://www.gulfallianceeducation.org) Environmental Education
- [www.supportthegulf.org](http://www.supportthegulf.org) Florida GOMA site



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- Understanding the benefits of living shorelines more info
- Marine Resources chief urges coastal partnerships more info
- Film event marks World Oceans Day more info
- Smart Growth can aid tourism more info

**All news**

The **Online Digital Library** is a portal that puts Gulf of Mexico science knowledge at your fingertips. Were you ever curious what exactly is the “dead zone” in the gulf? Or maybe you’re a teacher looking for information on estuaries for your class lesson? You’ve come to the right place!



**Announcements**

**GOMA/BNPE Diversity Symposium**-Please join us at Nicholls State University in Thibodaux, LA for a wonderful opportunity in discovering new ways to diversify education!

Visit the **Announcements Page** for more information on the Symposium and other exciting opportunities!

**Cool Projects**

**Science & Spanish Club Network**-A multicultural outreach project that brings together English & Spanish speaking students to enjoy science education hands-on.

Visit the **Cool Projects Page** to learn about the types of activities done by the SSCN and other organizations!

SEARCH THIS SITE

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**SPECIAL NOTE**

**- Governor's Action Plan II for Healthy and Resilient Coasts (Draft) Now Available!**

**Stormwater Webpage**  
Download your Free Copy to Help Prevent Pollution & Flooding

**DID YOU KNOW?**

**Oceans Heating Up**  
Between 1955 and 1998, world ocean heat content rose by 0.037 degrees Celsius. While this number may seem small, the same amount of energy it would take to raise the world's ocean heat content by just 0.1 degree Celsius would be enough to raise the average global atmospheric temperature to 100 degrees Celsius (the Earth's current temperature is about 15 degrees Celsius!)

**A Coming Coral Calamity**  
Coral reefs provide food for billions of people. All of the benefits of coral reefs are being threatened by two trends: increasing ocean temperatures and increasing ocean acidity. A rise in temperature has made waters too hot for many corals. Another problem for coral has been rising carbon dioxide (CO2) levels. Carbon dioxide in oceans reacts with carbonate to form carbonic acid, and more CO2



# Annual Work Plan Environmental Education

- Formal establishment of a Public Relations Working Group
- Expanded use of messages in multiple media opportunities
- One EEN regional meeting
- Expansion of the UUP Working Group Programs
- CELC kiosk development
- Increased student and teacher educational opportunities
- Enhanced relationships with international partners
- Community Stewardship Training



# Additional Funding? Environmental Education

**12,651,145 people under the age of 18**

- **Experiential outdoor learning across all grade levels across the Gulf**
  - = mentoring program for workforce development
- **Public Awareness & Public Relations**
  - = Campaign Strategy
  - = Events such as ‘Gulf of Mexico Day’
  - = Public Relations – GOMA Staff Writer
  - = Messaging



# Measures of Success Environmental Education

- Increased media hits
- Number of students, teachers, and community members participating in programs
- Establishment of one or more working Kiosks in a CELC focusing on GOMA priorities





# Five Year Successes Environmental Education

Environmental Education Funding Increases to Gulf Region will allow:

- \* increases in professional development
- \* enhanced efforts with informal centers
- \* increased public involvement
- \* enhanced program collaborations
- \* augmented numbers of students STEM and Experiential Learning
- \* advanced use of technology use for various audiences

Increased accountability through evaluation and assessment

Regular presence in the media



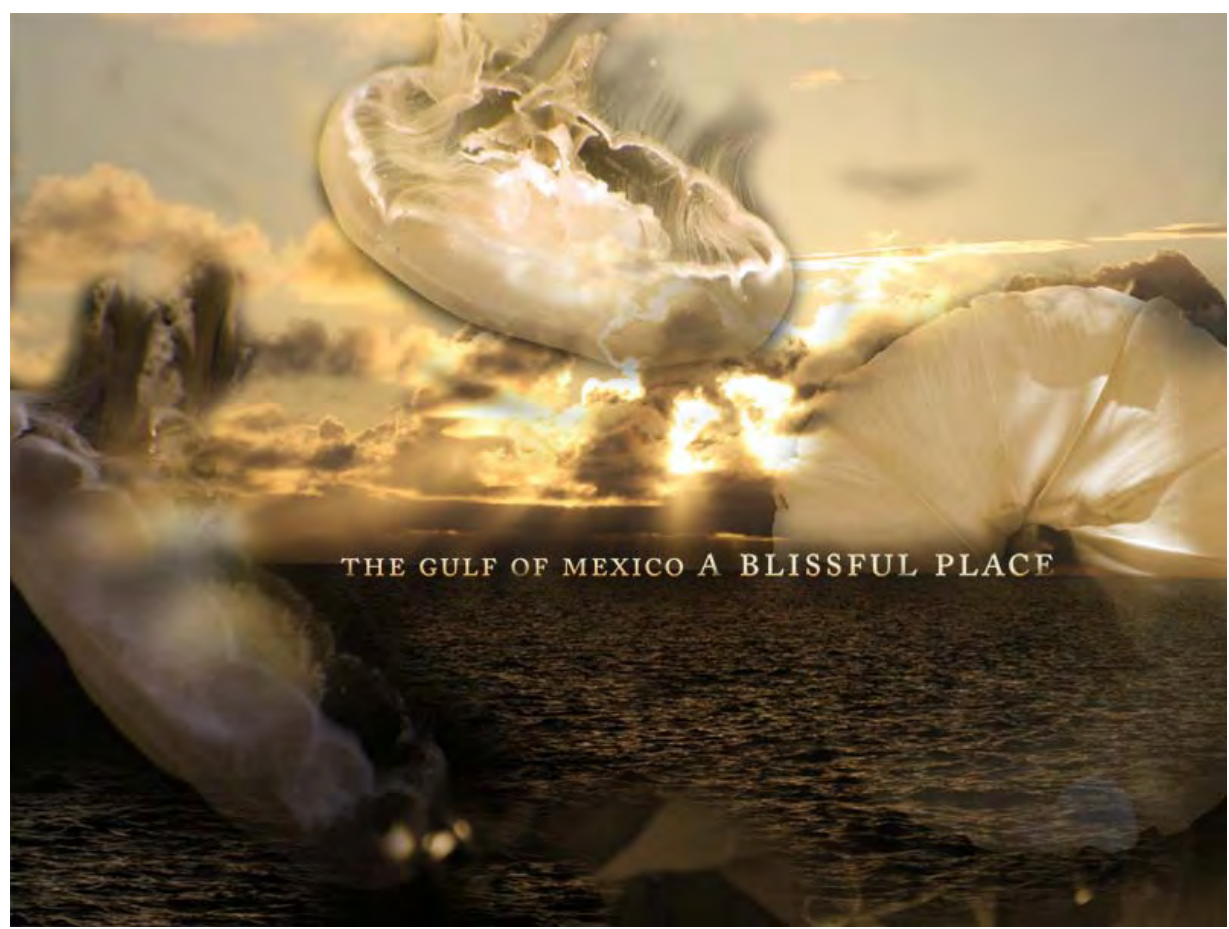
# National Correlation Environmental Education

## NOAA Office of Education

- An environmentally literate public supported by a continuum of lifelong formal and informal education and outreach opportunities in ocean, coastal, Great Lakes, weather, and climate sciences.
- A future workforce, reflecting the diversity of the Nation, skilled in science, technology, engineering, mathematics, and other disciplines critical to NOAA's mission.



# Thank You.



THE GULF OF MEXICO A BLISSFUL PLACE