

17th Consultative Meeting on LMEs

GoMx LME Climate Change Related actions in the US and Mexico

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Executive Secretary

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CIIMAR

UNESCO IOC-

Paris, France

Octobre 1st, 2015



Consortio de Instituciones de Investigación Marina
del Golfo de México y del Caribe

SEA LEVEL RISE

Vulnerability

In human settlements



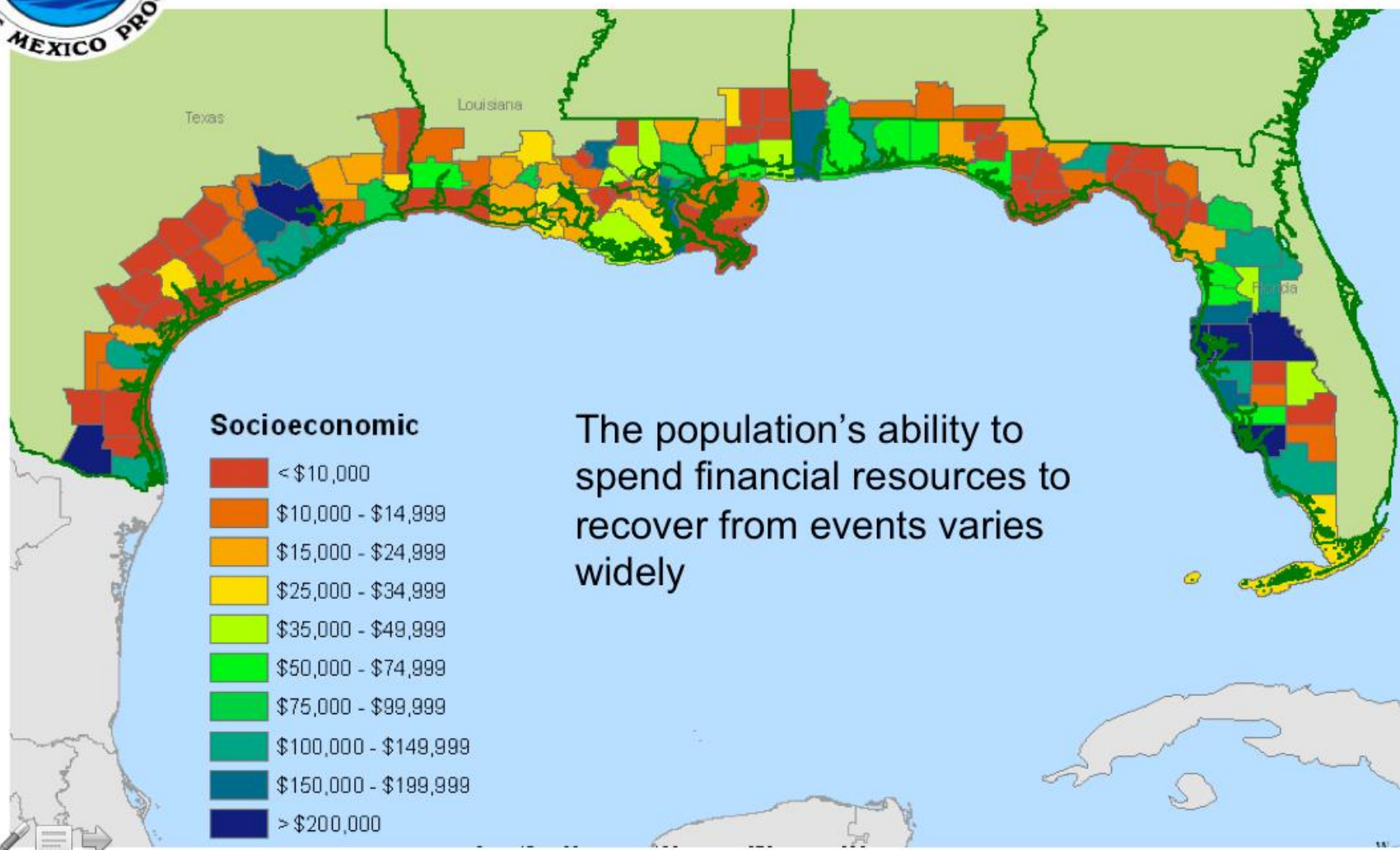
In coastal areas



Elevación del nivel del mar debido al calentamiento global podría impactar a 46.2% de la porción Mexicana en el Golfo de México (Ortiz & Méndez)



The Challenge



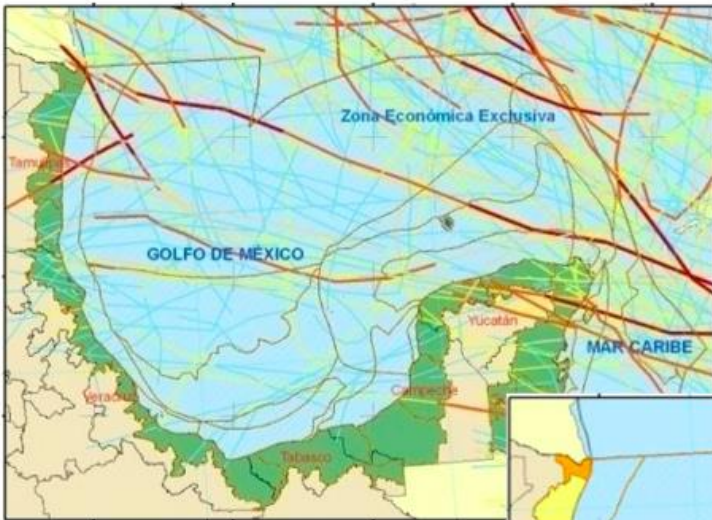
Risk Factors, extreme hydro-meteorological events and climate change

Risk for Flooding and Rain

Vulnerability

Hurricane incidence

Risk of Flooding and sea level rise

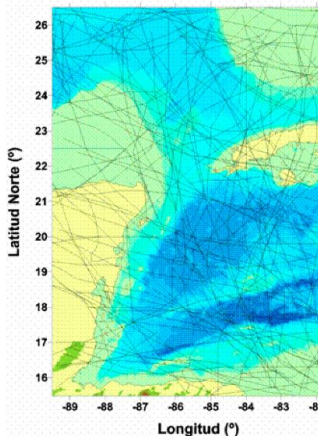


Economic burden to people and communities

Trayectorias más Frecuentes
en el Área de estudio

All recorded hurricane paths
1949 - 2001

Trayectorias Históricas
frente a la Península de Yucatán



July/August

August

September

October

October

Global losses due to the five major hydro-meteorological events in 2005.

Source: Cepal, 2009

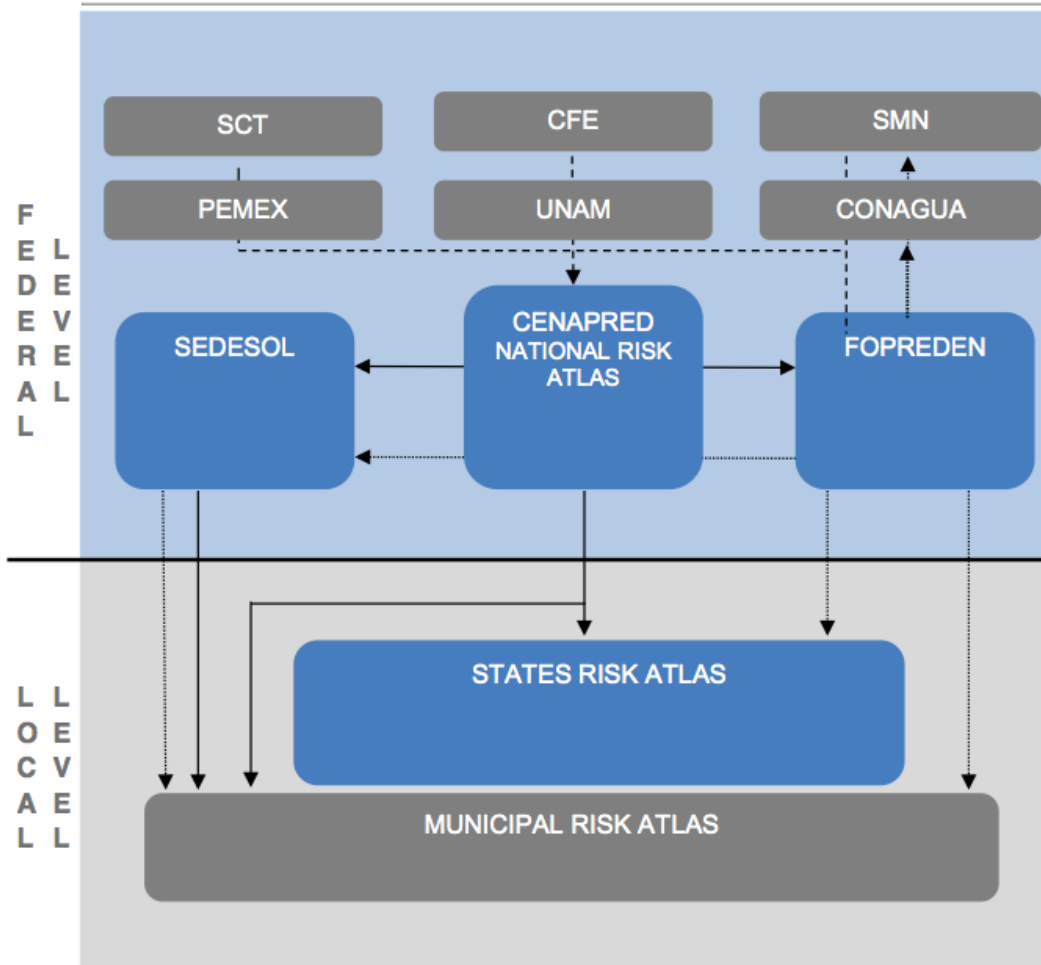
Hurricane

Cancun, Before





Toward an integration of risk atlases across the 3 levels of government

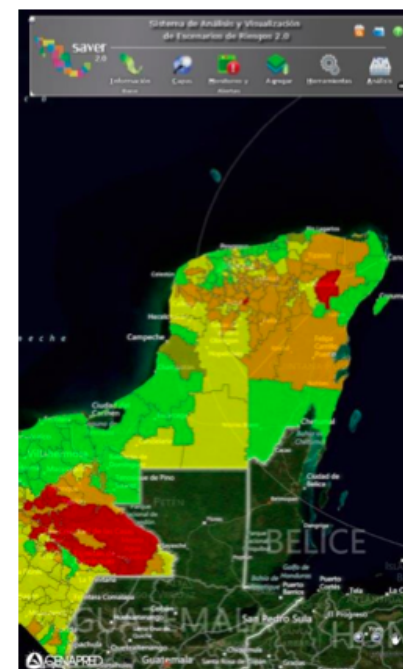


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- Financial support
- Technical support
- Hard data
- - - - - Data with clause of confidentiality


INTEGRATION



SAVER



Gulf of Mexico Alliance






Home About the Alliance News & Events Governors' Action Plan Priority Issues Regional Initiatives State-by-State Resources Get Involved Contact Information

Welcome to the Gulf of Mexico Alliance!

The Gulf of Mexico Alliance is a **PARTNERSHIP** of the states of **Alabama, Florida, Louisiana, Mississippi, and Texas**, with the goal of significantly increasing regional collaboration to enhance the ecological and economic health of the Gulf of Mexico. GOMA has identified **PRIORITY ISSUES** that are regionally significant and can be effectively addressed through increased collaboration at local, state, and federal levels.


In addition, GOMA partners are engaged in **REGIONAL INITIATIVES** such as the Mississippi River-Gulf of Mexico Watershed Nutrient Task Force (Hypoxia Task Force), the Gulf Coast Ecosystem Restoration Task Force, and National Ocean Policy Issues.

YOUR GATEWAY TO GOMAI Resources for specific audiences are available at the following sites:



Events


2012 GOMA All Hands meeting



2012 GOMA All Hands Meeting presentations available soon. Check back often.

PARTNER EVENTS

SAVE THE DATE: 2012 RAE Conference




**October 20-24, 2012
Tampa Convention Center
Tampa, Florida**

News

EPA Awards \$100,000 to LA Coastal Protection and Restoration Authority to Reduce Hypoxia in the Gulf


August 6, 2012



EPA Region 6 recently awarded the Louisiana Coastal Protection and Restoration Authority (CPRA) \$100,000 to reduce hypoxia in the Gulf of Mexico. With the grant, CPRA will develop a statewide nutrient reduction strategy, adopting strategic elements identified in the GOMA's *Action Plan II* and the Gulf Hypoxia

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Partnerships:

- State
- Federal
- Non-Governmental Organizations
- Business & Industry

Priority Issues:

- Water Quality
- Habitat Conservation and Restoration
- Ecosystem Integration and Assessment
- Nutrients & Nutrient Impacts
- Coastal Community Resilience
- Environmental

Coastal Community Resilience Index

- Provide a simple, inexpensive method for community leaders to perform a self-assessment of their community's resilience to coastal hazards
- Identify weaknesses a community may want to address prior to the next hazard event; highlights strengths a community possesses
- For use within a community, not for comparison between communities

REPORTE MEXICANO DE CAMBIO CLIMÁTICO



**To be released on
October 5th 2015**



<http://www.pincc.unam.mx>

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