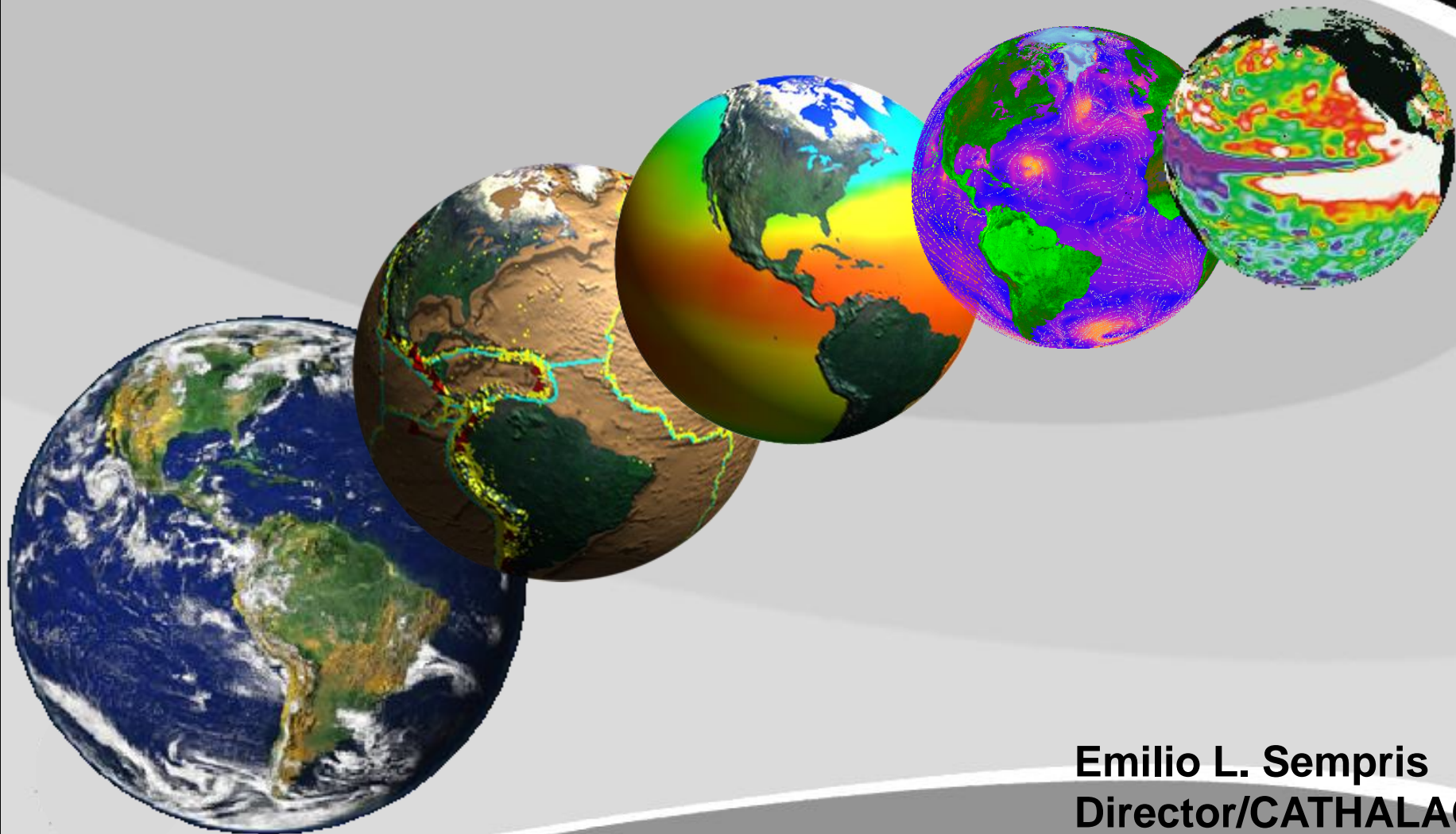


Please note that this presentation was given during the United Nations Climate Change Conference (COP-15) in Copenhagen, December 7-18, 2009 for more information please visit <http://www.cop15.state.gov/> .



The Regional Visualization and Monitoring System (SERVIR)



Emilio L. Sempris
Director/CATHALAC



What is SERVIR?

- SERVIR is a **Regional Visualization and Monitoring System** for environmental management, disaster preparedness and response, and climate change adaptation for sustainable development.
- **Low cost** system that capitalizes on existing space and ground based assets
- Leverages multiple **non-traditional partnerships**
- **Managed by host nations** who work with USAID, NASA, CATHALAC, and RCMRD to determine **applications** that meet their pressing needs
- Supported by **NASA Applied Sciences Program** and **USAID** with growing assistance from Interamerican Development Bank, European Union, and regional partners

What We Do at SERVIR

Mainstream EO into Decision Making for Sustainable Development



The screenshot shows the SERVIR website interface. At the top left is the SERVIR logo, and to its right is a language dropdown menu set to 'Español'. Below the header is a large banner featuring the SERVIR logo and the text 'Regional Visualization and Monitoring System'. To the right of the banner is a vertical navigation menu with the following items: 'About SERVIR', 'SERVIR Brochure', 'SERVIR Presentations', 'SERVIR Video', 'SERVIR Team', and 'SERVIR Highlights'. Below the banner is a section titled 'About SERVIR' with a brief description: 'SERVIR is a Regional Visualization and Monitoring System that integrates earth observations and forecast models together with in situ data and knowledge for timely decision-making to benefit society.' Below this is a section titled 'SERVIR Regional Portals' containing two globe icons labeled 'Mesoamerica' and 'Africa'. At the bottom of the page is a row of partner logos: NASA, USAID (with the tagline 'FROM THE AMERICAN PEOPLE'), CATHALAC, the United Nations logo, the GEO Group on Earth Observations, and a globe icon.

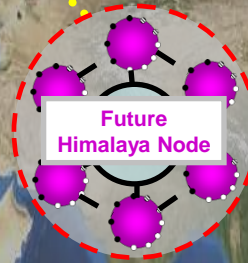
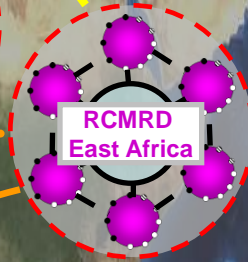
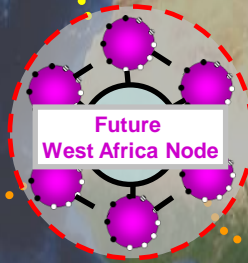
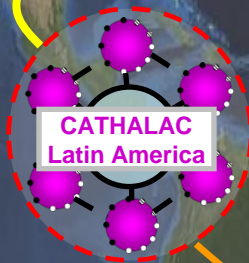
- Data and Models
- Online Maps
- Visualizations
- Rapid Assessments
- Training

SERVIR Network

Ames &
JPL
NASA

GSFC
NASA

NASA
MSFC



Current Links 
Future Links 

SERVIR @ NASA'sMSFC

Huntsville, Alabama, USA



SERVIR @ CATHALAC

Panama City, Panama



SERVIR-Africa @ RCMRD

Nairobi, Kenya



Dedicated on
November 21, 2008



Daniel
Database Mgt
Specialist



Erick
Project Lead
at
RCMRD



Catherine
Remote
Sensing
Analyst



Tesfaye
Senior Scientist



Lawrence
RCMRD
Database
Manager

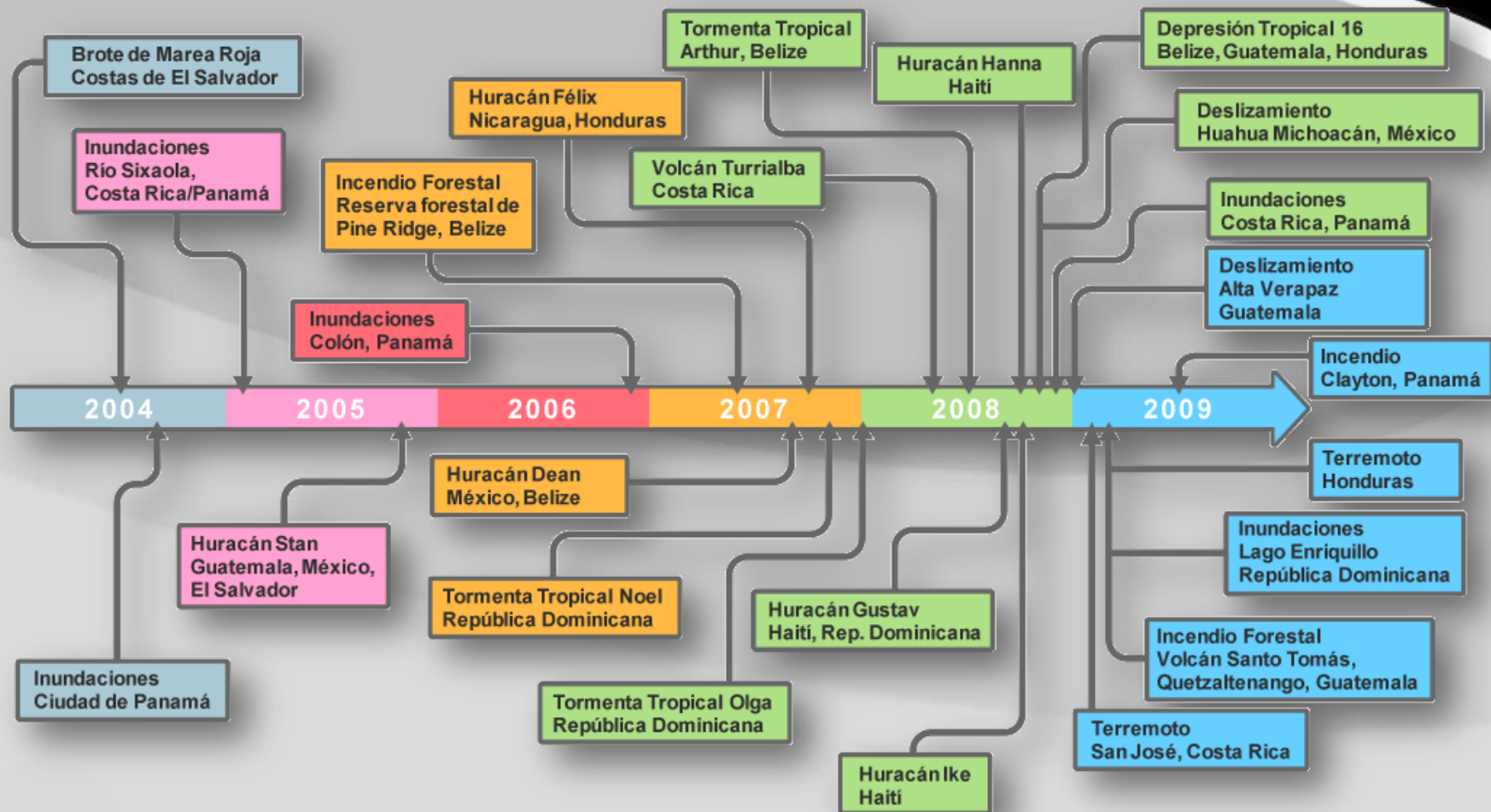


Wafula
IT System
Administrator

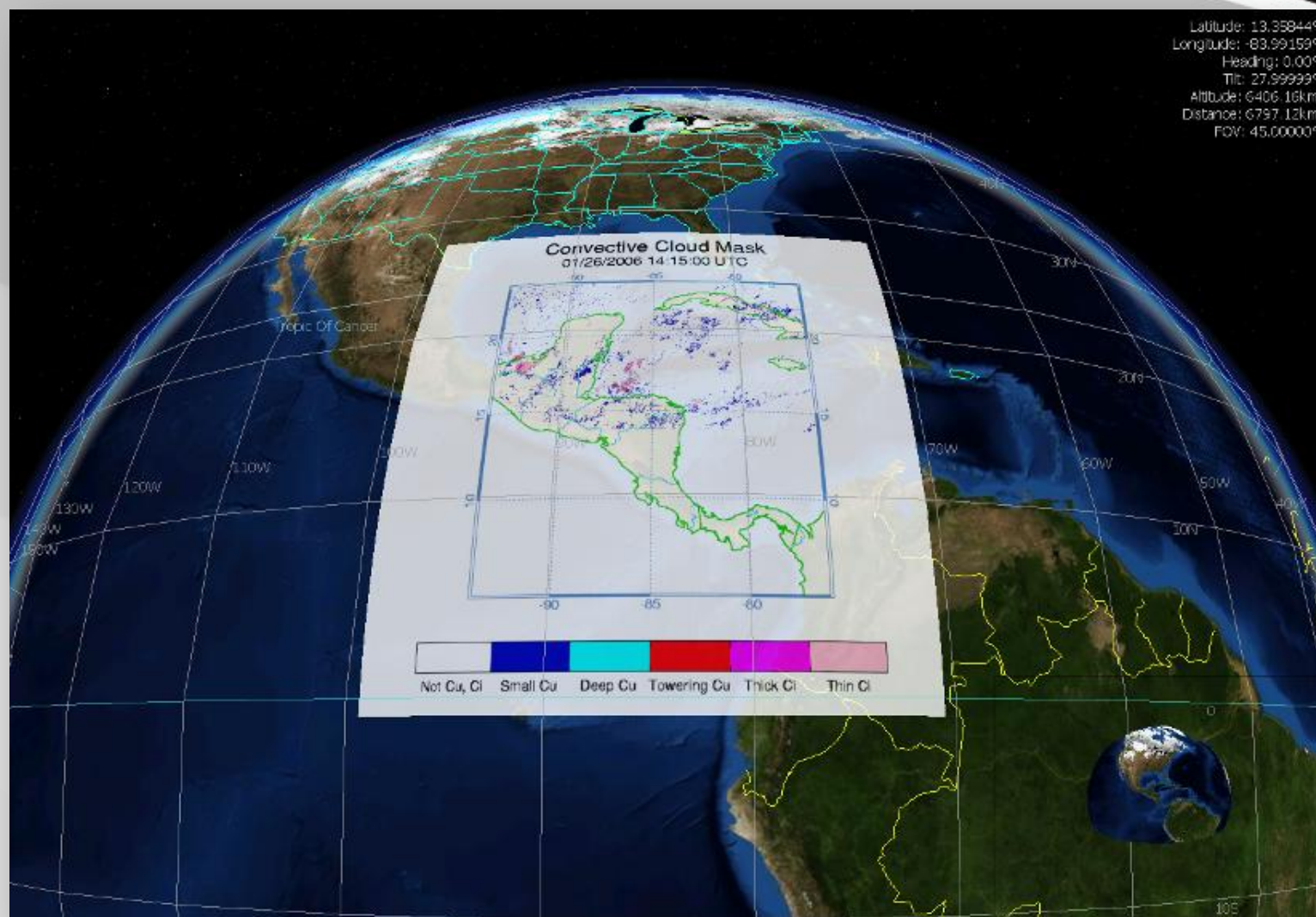


John
Web services
Specialist

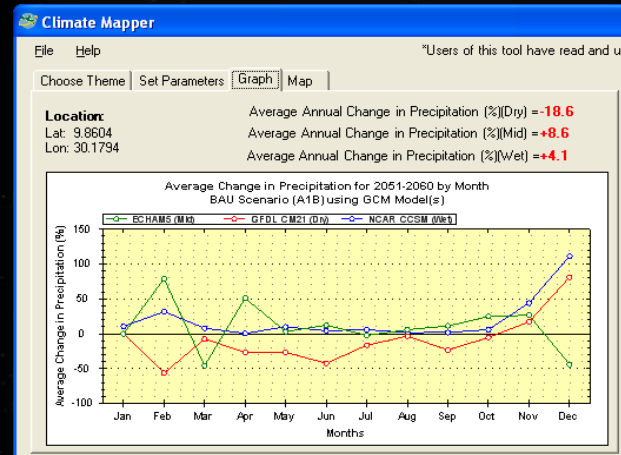
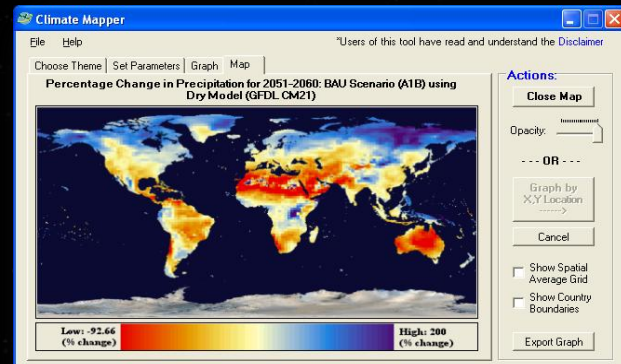
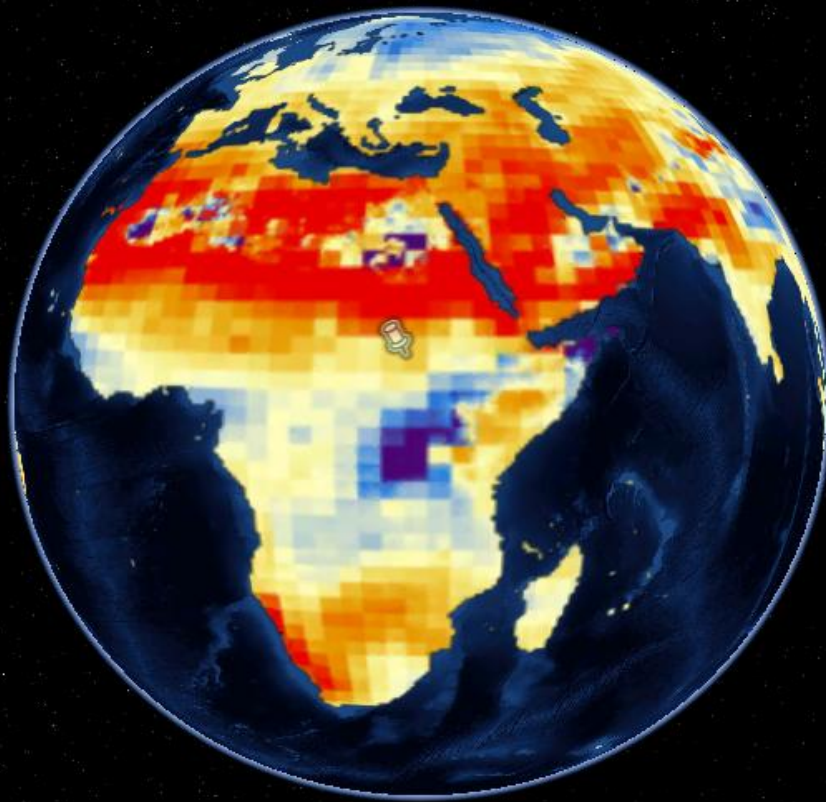
Rapid Assessment Support



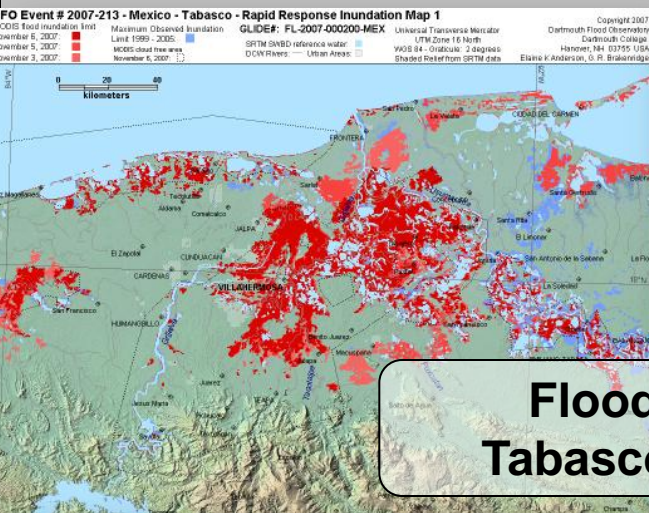
Severe Storms Monitoring



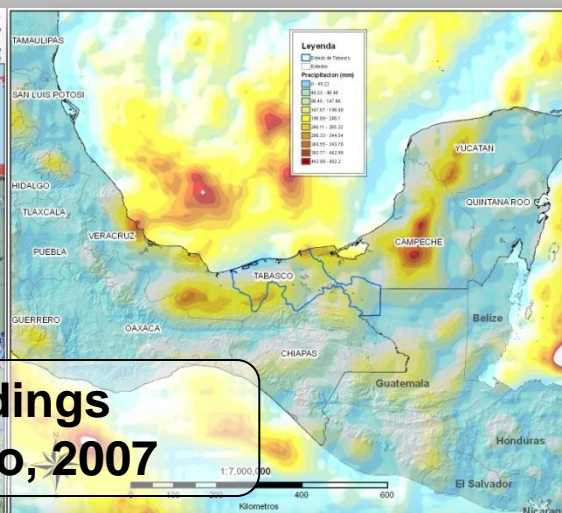
Climate Mapper



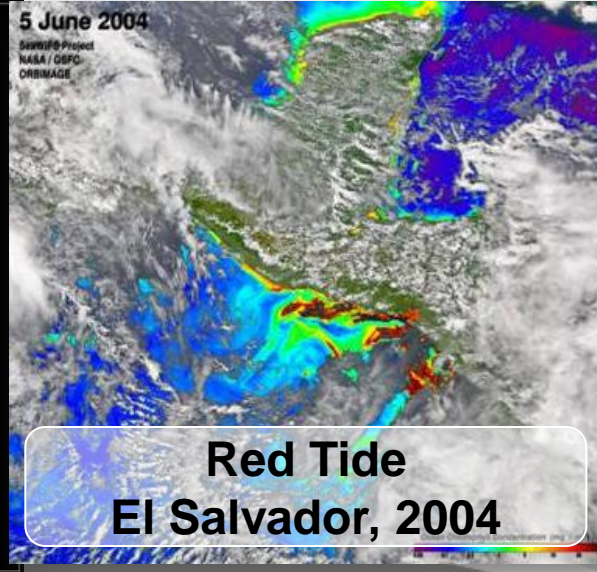
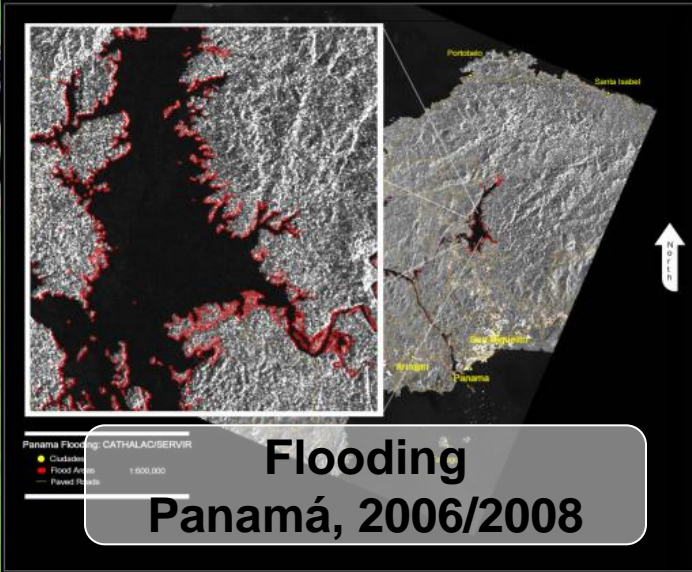
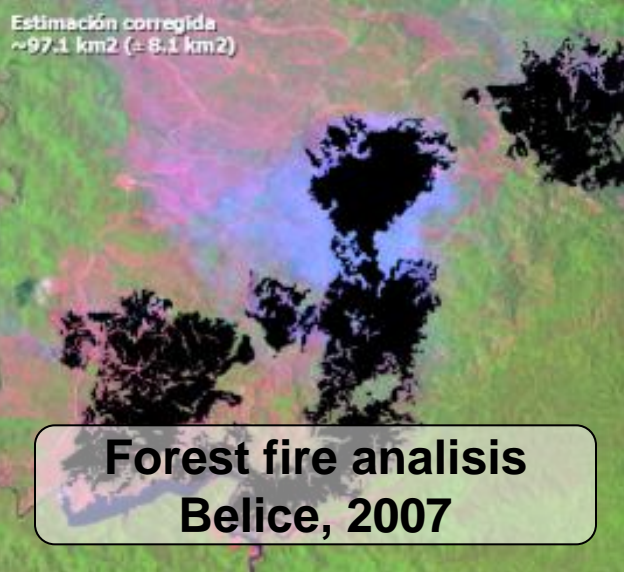
Example of Disaster Support



**Floodings
Tabasco, 2007**

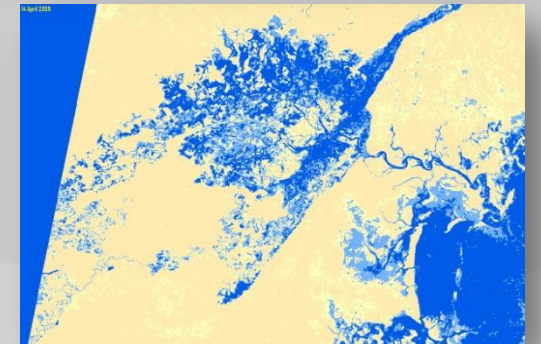
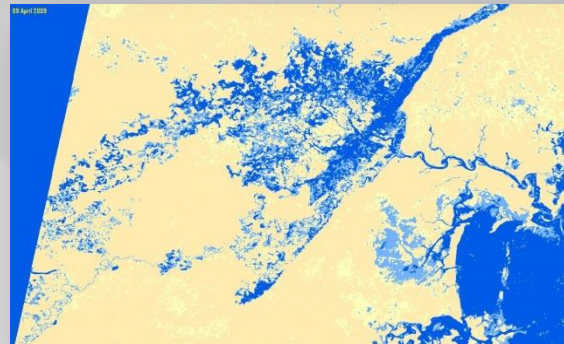
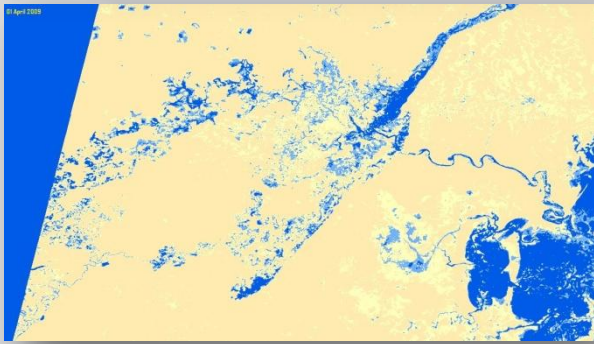
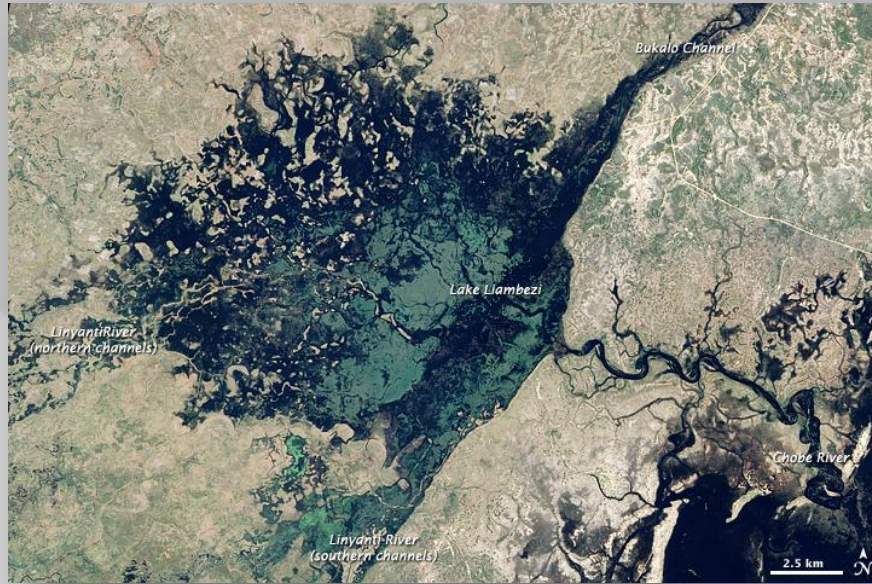


**Landslides
Rep. Dominicana, 2007**



Mapping Floods in Africa

Lake Liambezi Area

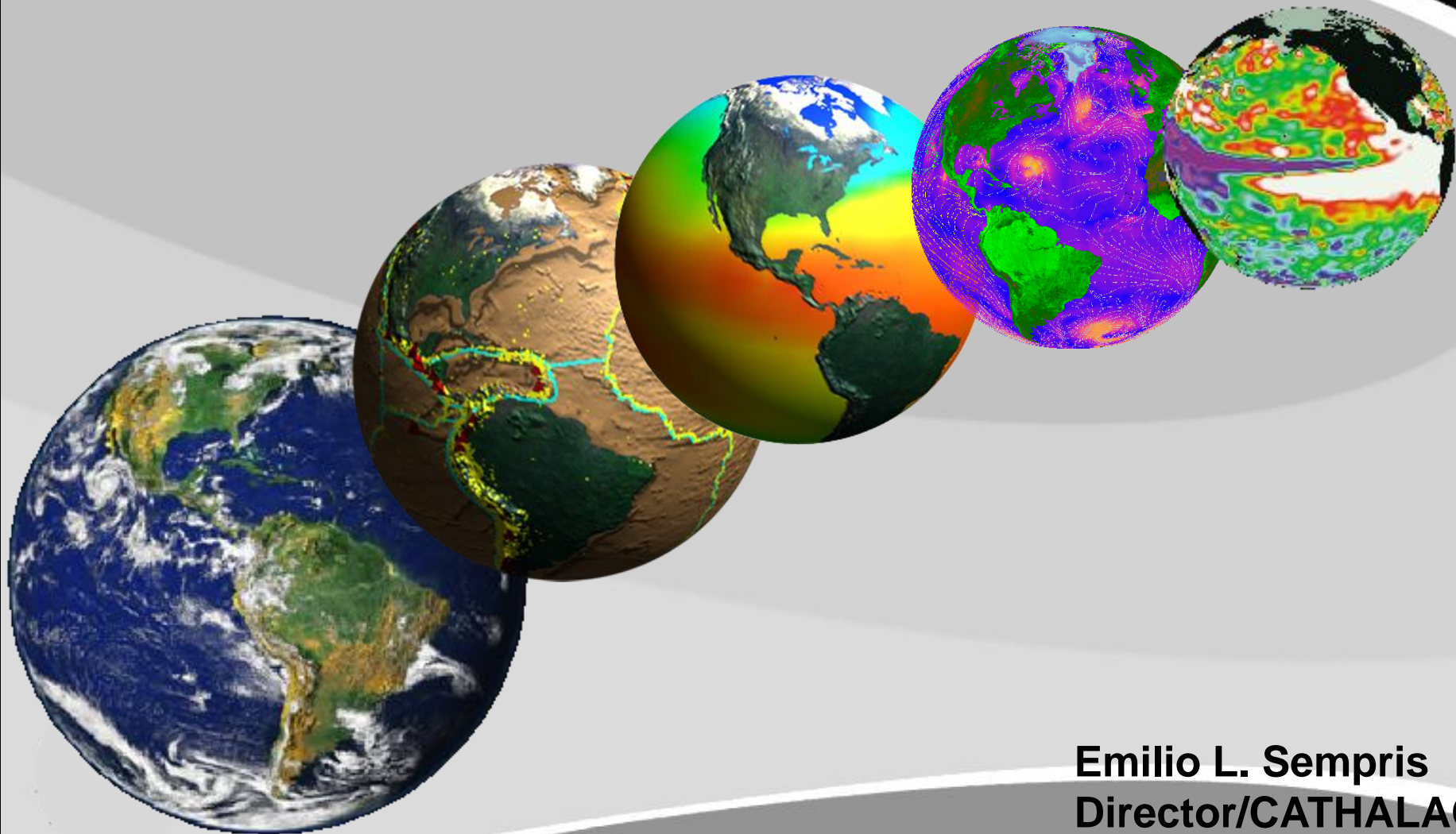


NASA EO1 SATELLITE DATA FOR 01, 09 and 14 APRIL 2009

Training & Capacity Building



The Regional Visualization and Monitoring System (SERVIR)



Emilio L. Sempris
Director/CATHALAC

Climate Change and Biodiversity

Potential Impacts of Climate Change on Biodiversity

in Central America, Mexico and the Dominican Republic



Executive Summary 2008

