



# **IOCARIBE-GOOS**

## **Cesar Toro IOC(UNESCO)**

**IV Reunion del Comite Editorial para la  
Carta Batimetrica Internacional del Pacifico Sudeste  
IBCSEP**

**Cartagena Colombia, Mayo 14-16 2008**



# Intergovernmental Oceanographic Commission

“Mecanismo especializado del sistema de Naciones Unidas para coordinar las investigaciones científicas y los servicios oceánicos a escala global.”

# UNITED NATIONS

WHO  
World Health Organization

UNDP  
United Nations Development Programme

FAO  
Food and Agricultural Organization

IMO  
International Maritime Organization

**UNESCO**  
**United Nations Educational, Scientific, and Cultural Organization**

Science sectors

HYD  
Hydrology

ECO  
Ecology

GEO  
Geology

CSI  
Coastal regions and  
Small islands

IOC

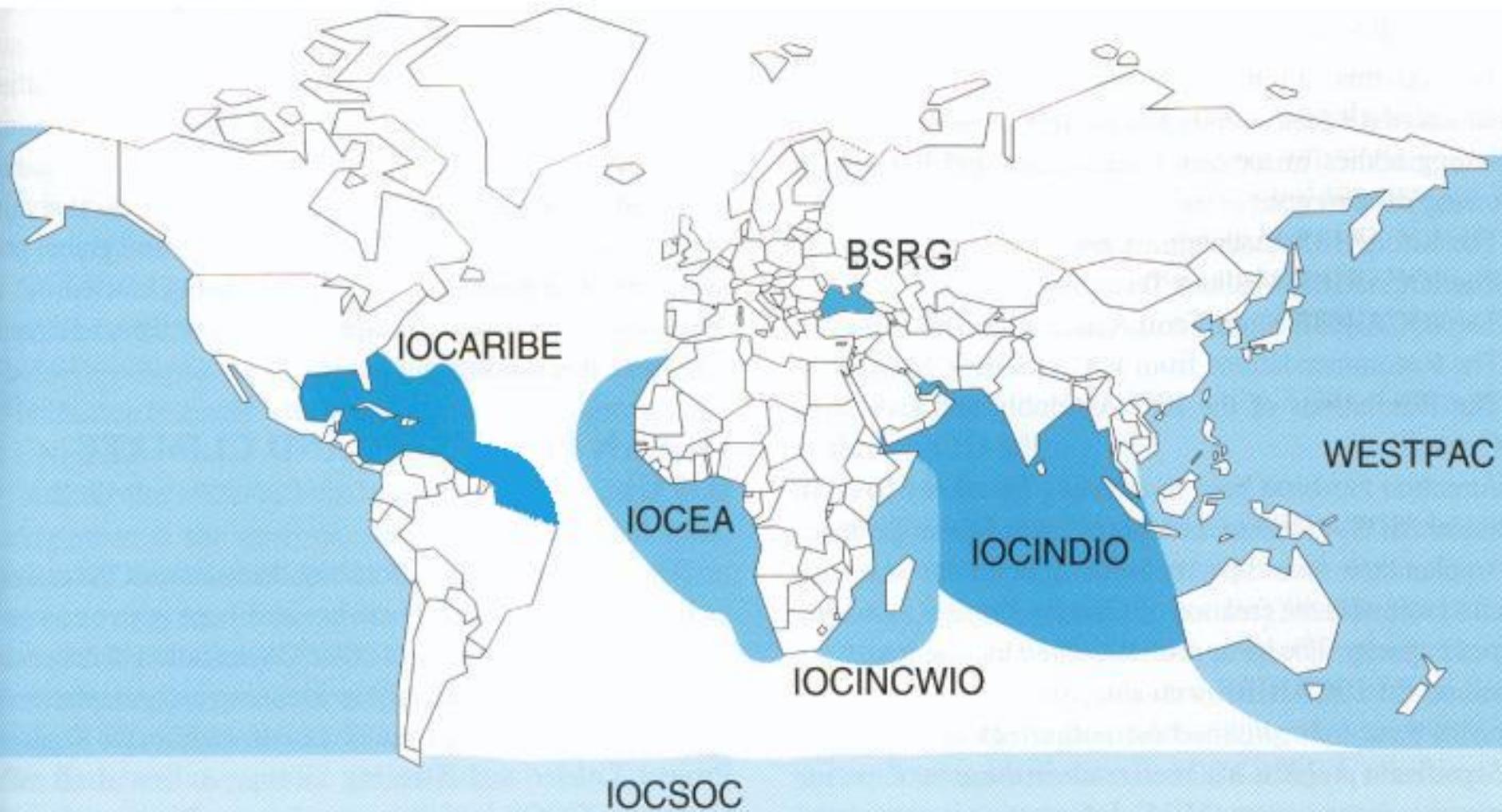
Ocean Services

Operational Observing

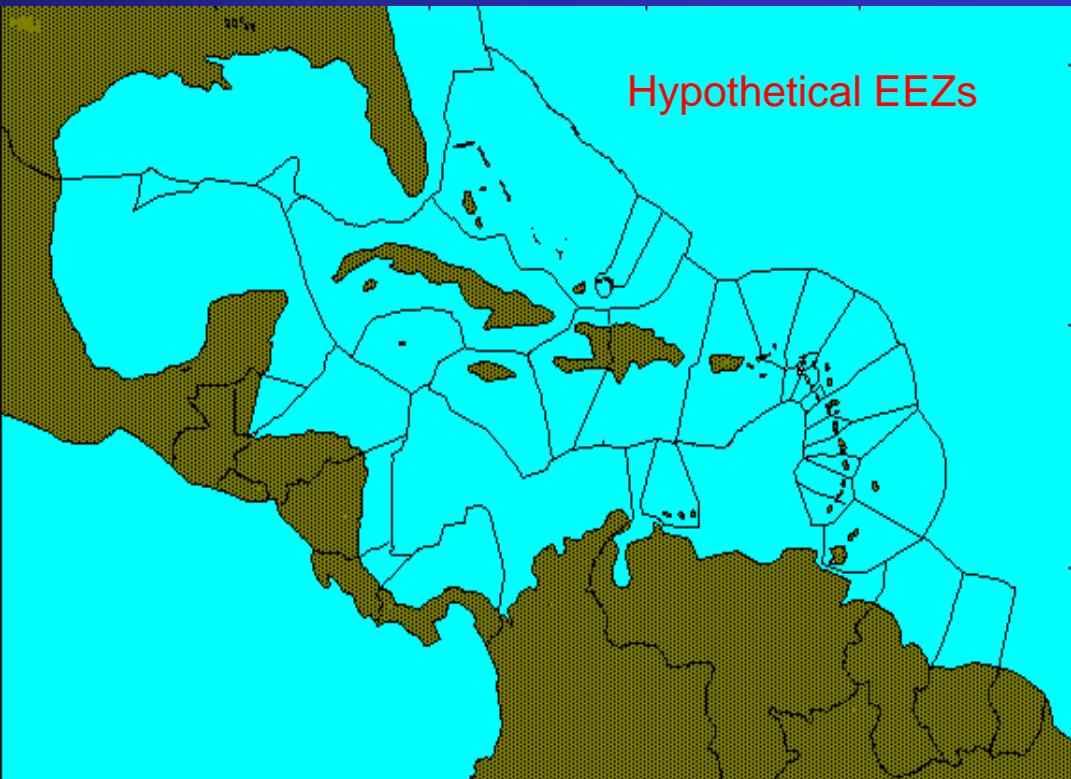
Ocean Science



# IOC Regional Subsidiary Bodies



# The Wider Caribbean Region is geographically and politically highly diverse and complex



- Geopolitical
  - 33 state entities
- Cultural
  - ethnicity, language
- Size
  - smallest to largest
  - poorest to most wealthy
- Development
- Critical Mass

# Hurricane Frances





60 of 67 Counties of Florida directly affected by Hurricane Frances.

Estimated 80-90 % of Citrus Industry destroyed  
after two hurricanes in three weeks





GENERAL BATHYMETRIC CHART OF THE OCEANS (GEBCO)  
WORLD OCEAN BATHYMETRY

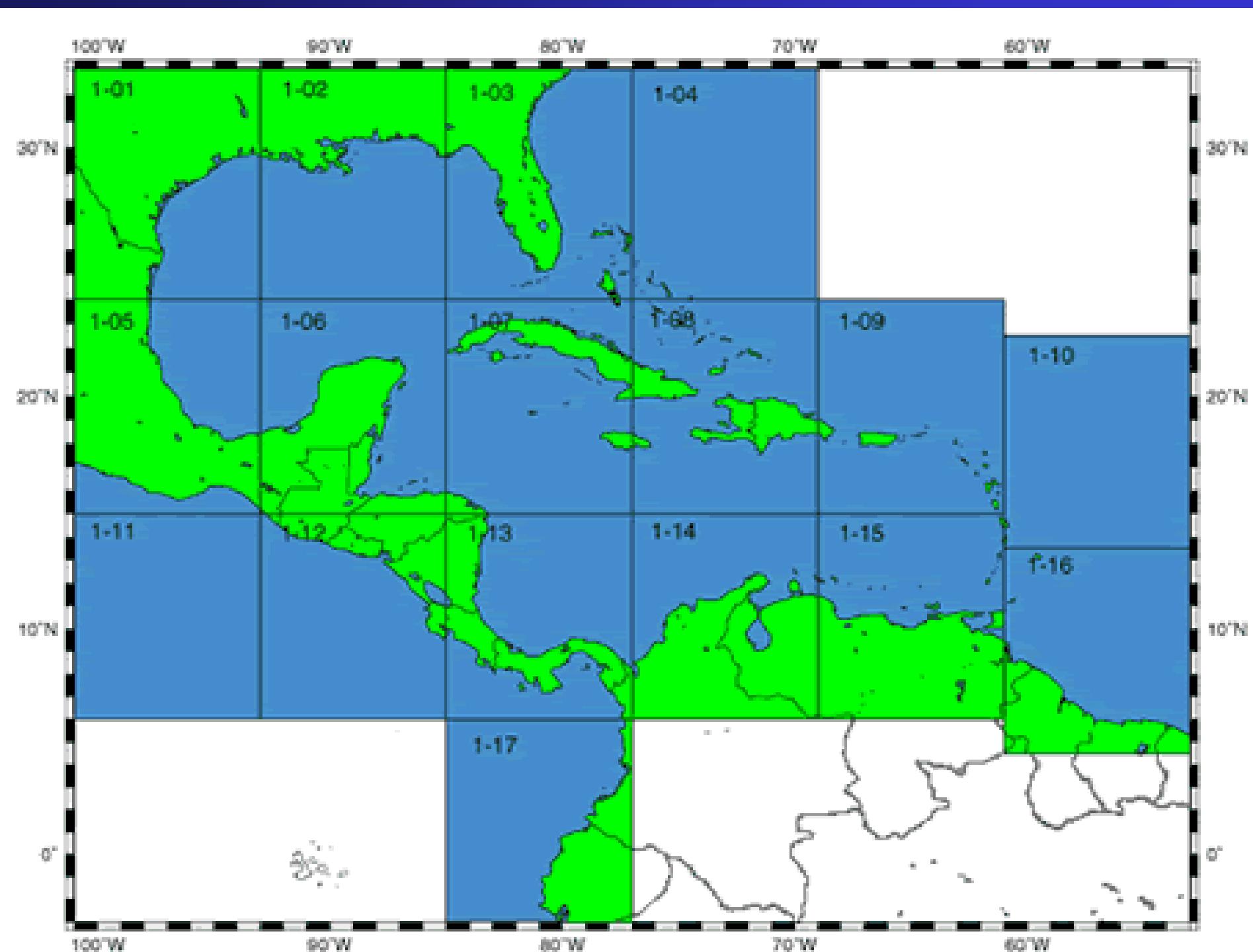
General Bathymetric Chart of the Oceans  
Version 2.0  
Produced by the International Hydrographic Organization  
and the National Oceanic and Atmospheric Administration  
of the United States  
in cooperation with the International Hydrographic Bureau  
and the Hydrographic Services of the United Nations  
and the Hydrographic Services of the United States  
National Oceanic and Atmospheric Administration  
and the National Geospatial-Intelligence Agency



# **The International Bathymetric Chart of the Caribbean Sea and the Gulf of Mexico (IBCCA)**

## **Countries**

- **Colombia**
- **Costa Rica**
- **Cuba**
- **France**
- **Mexico**
- **United States of America**
- **Venezuela**



- Mas del 90% de las hojas han sido finalizadas.
  - Tan solo dos cartas faltan por finalizar.
  - Una serie de productos ha sido desarrollada que incluye cartas geofisicas
  - Cartas en version digital.
  - Mayor Informacion en:

<http://www.ngdc.noaa.gov/mgg/ibcca>.