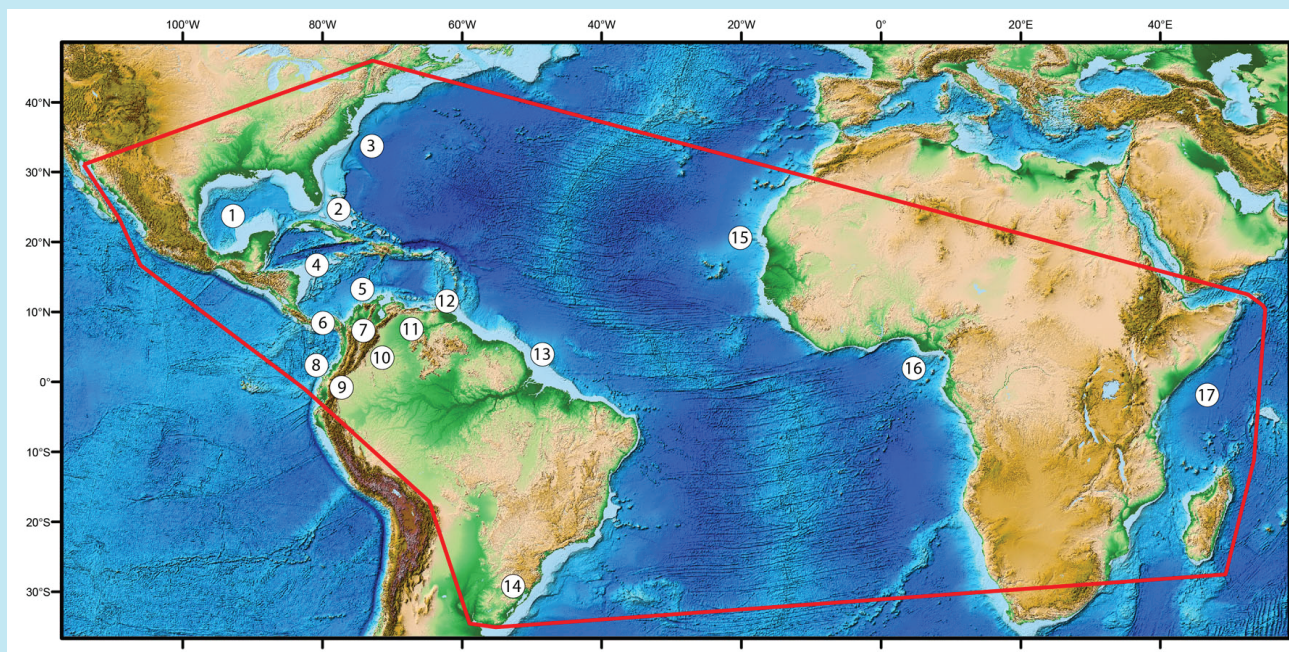


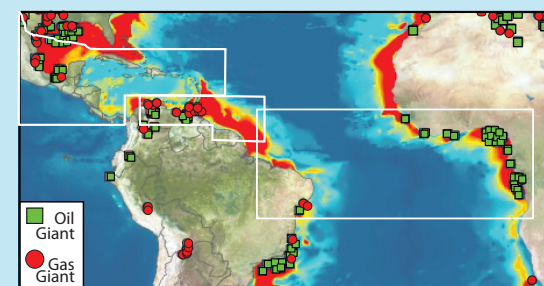
# CBTH Project: Caribbean Basins, Tectonics, and Hydrocarbons

## Overview:

The purpose of the CBTH consortium is to create a GIS-based digital and atlas synthesis of available seismic and well data to define the regional hydrocarbon potential of the unexplored Caribbean region, Atlantic margins, and West and East Africa. Our main objectives are to compile all the available digital seismic and published data on a regional basis to create an integrated geologic synthesis of tectonosequences, depositional systems, major structures, petroleum geology, and paleogeographic maps, and to create quantitative plate reconstructions for a better understanding of the hydrocarbon systems in the region.



Numbers on the map refer to areas of proposed work described in the text of the Phase IV proposal (revised in 2015): 1 = USA and Mexican Gulf of Mexico; 2 = Florida and Bahamas region; 3 = East Coast of the USA (conjugate rifted margin of NW Africa); 4 = Nicaraguan Rise in Jamaica, Honduras, Nicaragua, and ; 5 = Deepwater areas of Colombian and Venezuelan basins; 6 = Panama accretionary prism; 7 = Onland basins of Colombia; 8 = Pacific margin basins of Colombia, Ecuador and Peru; 9 = Foreland basins of Peru and Ecuador; 10 = Llanos foreland basin of Colombia; 11 = Venezuelan foreland basins; 12 = Trinidad, Barbados, and Barbados accretionary prism; 13 = Northeastern South America in Guyana, Suriname, and Brazil (conjugate rifted margin of Equatorial Africa); 14 = Southern Brazil and Uruguay (conjugate rifted margin of southwest Africa); 15 = Northwest margin of Africa; 16 = Equatorial margin of Africa; 17 = East African margin.



Oil and gas giants map by Mann & Dowla (2013)

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### Current Phase IV Sponsors:

