



Luis A. Sanchez-Barreda, PhD

SENIOR AFFILIATE SCIENTIST

EGI Senior Affiliate Scientist, Dr. Luis A. Sanchez-Barreda, Owner and Senior Consultant of Barreda & Associates, Navasota Texas (1988-Present), has been involved in preparing numerous geological studies based on field work and evaluation of stratigraphic and geophysical data from the Gulf Coast, southern Mexico, and Central and South America. Work has involved extensive field mapping and major reconnaissance studies of Mexico, Guatemala, Belize and Honduras. He has established contacts for energy companies entering Latin America for U.S., European and Asian petroleum companies in Argentina, Ecuador, Brazil, Honduras, Dominican Republic, Costa Rica, Guatemala, Belize, Mexico, and Spain. Numerous basin studies have been prepared for much of Latin America, which involved evaluation of hydrocarbon systems, reserves, seismic stratigraphy, and geochemical analyses.

Luis as Senior Geologist and Project Coordinator worked, in cooperation with ARC Group (Austin, Texas), on numerous projects for Pemex E&P. His role has involved securing and negotiating projects, supervising projects, regional geology and data interpretation. Principal study areas have been in South East Mexico (2007-2012).

- Studies in Coatzacoalcos, Veracruz involved developing reservoir characterization analyses for the Salina del Istmo Basin fields;
- Studies in Villahermosa, Tabasco involved play analyses for the Salina del Istmo, Comalcalco, and Macuspana Basins.

Luis also was the Program Coordinator for Latin American Projects at the Bureau of Economic Geology and Jackson School of Geosciences, The University of Texas at Austin (August, 1994–August 2013). He was responsible for developing and negotiating new projects in Mexico and other Latin America countries, acting as liaison between UTBEG and foreign companies and countries, and developing seismic interpretation and regional geologic interpretations. He was also responsible for organizing and developing the Latin American Forums from 2005–2013 on behalf of the University of Texas at Austin, which concentrated on energy and environmental assessments in Latin America and involved Ministries of Energy and Environment throughout Latin America.

Luis began his professional career as an Exploration Geologist with Shell-Pecten International, Houston, Texas (September, 1981–February, 1988). His responsibilities included establishing contacts for Pecten in Latin America, work in the Bahamas Platform, Cuba, Guatemala, Belize, Panama, Ecuador, Brazil, and Argentina and involved stratigraphy, seismic mapping, field mapping, basin sedimentation and structural development, prospect mapping for lease sales and well site geology. Previously he worked as a marine technician at Scripps Institution of Oceanography, and Field Geologist in Spain and Libya.

Luis received his B.S., in Oceanography from the Universidad Autonoma de Baja California (1972), a M.A., in Geology from Rice University (1976) and a Ph. D., in Geology from The University of Texas at Austin (1981).

Research Interests

- Exploration of Frontier Basin in Latin America
- Regional and Field Studies in Latin America
- Development of research projects and liaisons between foreign Governments and Universities throughout Latin America.

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