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Professional Summary August 2007

Education:

- B.A. Univ. Central de Venezuela, Caracas, Venezuela, 1995, Geophysical engineer
- Ph.D. The University of Texas at Austin, Austin, Texas, 2003, Geosciences

Languages: Spanish (native), English (fluent) and Norwegian (basic)

Areas of expertise

Expertise in basin analysis of continental margins, tectonics, regional to reservoir scale analysis to define petroleum systems, sequence/seismic stratigraphy, Landmark and Petrel based workstations and interpretations of both 2D and 3D seismic data integrated with well and core data, GIS Arc/Info database management and visualization techniques, and reservoir characterization knowledge for reconstruction of static and dynamic models. Lecturer in general geophysics, petroleum geology using workstations and regional stratigraphy and structural interpretation courses.

Employment experience

2007-present Associate professor in Petroleum Geology at the Department of Petroleum engineering, University of Stavanger, Norway
2004-2006 Postdoctoral researcher, Ins. for Geophysics, University of Texas at Austin. Technical leader in the CBTH consortium
2000-2003 Teacher and research assistant, Ins. for Geophysics, Dept. of Geological Sciences, Bureau of Economic Geology, University of Texas at Austin
1999 Lecturer at the Department of Geology, Mines and Geophysics, Univ. Central de Venezuela
1997-1999 Lecturer at the Department of Geodesy, Univ. del Zulia
1995-1999 Seismic interpreter-production geoscientist, Petróleos de Venezuela, S.A.

Memberships

American Geophysical Union
The American Association of Petroleum Geologists

Special training

Reservoir School at Lagoven (PDVSA), 1996-1997

Relevant publications

1. Soto, M., Mann, P., Escalona, A. and Wood, L., 2007, Late Holocene strike-slip offset of a subsurface alluvial channel interpreted from 3D seismic data, eastern offshore Trinidad. *Geology*, v. 35, p. 859-862

2. Gorney, D., Escalona, A., Mann, P., Magnani, M. and BOLIVAR Study Group, 2007, Chronology of Cenozoic tectonic events in western Venezuela and the Leeward Antilles based on integration of offshore seismic reflection data and on-land geology. *The American Association of Petroleum Geologists*, v. 91, p. 653-684
3. Mann, P., Escalona, A. and Castillo, V., 2006, Regional geology and tectonic setting of the Maracaibo supergiant basin, western Venezuela. *The American Association of Petroleum Geologists Bulletin*, v. 90, p. 445-478.
4. Escalona, A., and Mann, P., 2006, Tectonic controls of the right-lateral Burro Negro tear fault on Paleogene structure and stratigraphy, northeastern Maracaibo Basin. *The American Association of Petroleum Geologists Bulletin*, v. 90, p. 479-504.
5. Duerto, L., Escalona, A. and Mann, P., 2006, Deep structure of the Mérida Andes and Sierra de Perijá mountain fronts, Maracaibo Basin. *The American Association of Petroleum Geologists Bulletin*, v. 90, p. 505-528
6. Escalona, A., and Mann, P., 2006, Sequence stratigraphic analysis of Eocene clastic foreland basin deposits in central Lake Maracaibo using high-resolution well correlation and 3D seismic data. *The American Association of Petroleum Geologists Bulletin*, v. 90, p. 581-624.
7. Escalona, A. and Mann, P., 2006, An overview of the petroleum systems of Maracaibo Basin. *The American Association of Petroleum Geologists Bulletin*, v. 90, p. 657-678.
8. Escalona, A., 2006, Petrophysical and seismic properties of lower Eocene clastic rocks in the central Maracaibo Basin. *The American Association of Petroleum Geologists Bulletin*, v. 90, p. 679-696.
9. Escalona, A. and Mann, P., 2003, Three-dimensional structural architecture and evolution of the Eocene pull-apart basin, Maracaibo, Venezuela, *Marine and Petroleum Geology*, v. 20, p. 141-161.
10. Lucas, Carol MacDonald and Escalona, Alejandro, 1998, 3D Characterization of the upper sandstone, Member C2X, east flank of the North Dome, Centro Lago field, Lake Maracaibo. *The Leading Edge*, v. 12, 1748-1752.