

RESUME

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Solution-oriented **geophysicist** with 13 years of experience in the integration of geologic information with reflection seismic, gravity, magnetic, and remote sensing data, in the exploration for hydrocarbons. Strong interpersonal and teamwork skills, self motivated and avid for the application of innovative technologies.

EDUCATION

Doctor of Philosophy (Geology). University of South Carolina, Graduating December 2006.

- 1 *Research Title: Crustal definition of the Colombia Caribbean Basin and hydrocarbons generation implications.*
- 1 *Integrated interpretation of industry owned 2D seismic data, 2D gravity, magnetics and MT datasets, high resolution bathymetry, Radar and Landsat remote sensing data, recent field geology data and well logs.*
- 1 *Integration and modeling of data using Geographix, Geosec2D, Fugro-LCT and ArcMap software tools.*

Master of Sciences, Geophysics, Colorado School of Mines, Golden, CO. 1992.

- 1 *Thesis Title: Gravity modeling of the Honey lake basin, California.*
- 1 *Conducted absolute and gradient measurements of gravity in the U.S. Developed software for potential fields data processing and interpretation at the Center for Potential Fields studies of CSM.*

Professional Degree in Exploration Geophysics, Colorado School of Mines. 1988

Bachelor of Sciences in Civil Engineering, Military University, Bogotá, Colombia, 1985.

PROFESSIONAL EXPERIENCE

Summer Internships while at South Carolina University:

- 1 *West Africa data integration and interpretation (Houston).*
- 1 *Coalbed methane resources interpretation and development (West Virginia).*

Geophysicist, Specialist, ECOPETROL (Colombia), from 1992 to 2004.

- 1 *Responsible for the conceptualization, bidding and interpretation of solution-oriented regional and prospect-oriented studies, integrating geophysics, geology, geochemistry and GIS. Worked on each one of the sedimentary basins of Colombia.*
- 1 *Responsible for the design, contracting and supervision of marine geophysical surveys in the search for oil and gas in the Caribbean. Projects included MBES bathymetry, 2D & 3D seismic, gravity and magnetics, CSEM and MT surveys.*
- 1 *Leader/Senior geophysicist of interdisciplinary groups focused on the identification of Petroleum Systems in frontier areas such as Pacific Basin / Amazonas basin.*

Staff Geophysicist, LCT Inc. (Houston, TX). 1991 – 1992

Conducted prospect oriented interpretations, training and consulting for clients in-house and at client facilities in multiple domestic and international projects. Performed also gravity data acquisition. Projects in West Africa, Suez Rift, Salt Tectonics in the Gulf of Mexico and training for industry professionals in the use of gravity and magnetics tools.

SPECIAL SKILLS

Computer Skills:

- 1 Skilled in the use of instrumentation and software interpretation tools including: Landmark 2D, IESX (Geoframe), GEOGRAPHIX, Geosec, MESA, ProMax 2D, LCT-Fugro, Oasis-Montaj, ER-Mapper, ERDAS, ArcMap
- 1 Literate programming in FORTRAN, C, BASIC and PASCAL; Operational systems UNIX, Linux, VMS and DOS; Fast learning curve handling and applying new software tools.

Informal Training:

- 1 Bilingual (Spanish, English), some level of Portuguese.
- 1 Numerous short courses in Geology, Geophysics, Seismic Interpretation, Mapping, Geophysical Software, Business and Management.

SELECTED LIST OF PUBLICATIONS

- 1 Structure and Tectonics of the Sinu-San Jacinto accretionary prism in Northern Colombia. Kellogg, J., Toto, E. and Ceron, J., 2005, X Congreso Col. de Geologia, Bogota (Colombia)
- 1 The geometry of the basement in NW Colombia: Implications in the evolution of the Colombia basin. Ceron, J., 2005, 17th Caribbean Geological Congress, San Juan, Puerto Rico July 2005.

NATIONALITY, VISA STATUS:

Eligible to work in the United States under a J-1 Visa.

HONORS AND AFFILIATIONS:

- 1 Member of AAPG – SEG – AGU - GSA.
- 1 AAPG/SEG Spring Student Expo Best Poster Presentation, Norman, OK- 2006.
- 1 S.E.G Lucien LaCoste Scholarship Educational Award, 2005.
- 1 Chevron/Texaco Graduate Fellowship Award (First Place), Department of Geological Sciences, University of South Carolina, Fall 2004.
- 1 First place to the best Poster during the “X Congreso Colombiano de Geologia”, Medellin, March 2003.
- 1 Member of the SEG Gravity and Magnetics Committee since 1996.

(For a complete CV and List of Publications please visit the WEB page:
http://www.geol.sc.edu/agl/ceron/Ceron_Home.htm)