

Ali Ricardo Gomez Ramos

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Education

Texas Christian University, Fort Worth, Texas

Masters of Science in Geology, May 2017

Research: *Detrital Zircons in Basin Analysis: Provenance Reconstruction from Barinas Basin, Venezuela*

Universidad Central de Venezuela, Caracas, Venezuela

Bachelors of Science in Geological Engineering, July 2011

Research: Geological mapping and tectonostratigraphic characterization of Paleocene turbidities in western Venezuela.

Relevant experience

Lhoist North America, Fort Worth, Texas.

May 2017 - August 2017

Geologist intern

- Assessment of a new methodology for identification of industrial clay minerals, using X-ray diffraction and X-ray fluorescence facilities in the Spinks clay plant in western Tennessee.

Venezuelan Foundation for Seismological Research (FUNVISIS), Caracas, Venezuela

July 2012-July 2015

Research Geoscientist

- Driven a GIS-geological integration, working in an extensive field mapping and involving remote sensor and GPS data
- Participated in large Seismic acquisition campaigns to reveal the deep crust structure of Venezuelan Andes
- Worked with Neo-tectonic and paleo seismological data to perform Geo-hazard assessment in major cities

Universidad Central del Venezuela (UCV), Caracas, Venezuela.

January 2013-April 2015

Adjunct professor in Geology department

- Full semester courses to undergrads as Introductory Geology and Field methods.

Universidad Central de Venezuela (UCV), Caracas, Venezuela

September 2011 – July 2012

Teacher assistant

- *Teach and graded Sedimentology labs.*

Geochemistry and petrology laboratory, Universidad Central de Venezuela, Caracas.

August 2008 - April 2011

Research Intern

- Performing geochemical and mineralogical analysis using XRD, XRF, Gamma ray and petrographic techniques.
- Researched expandable clay mineral characterization through XRD analysis.

Skills & Abilities

- Wide experience in GIS software, performing spatial analysis and geostatistics with ArcGIS, ERDAs, Global Mapping.
- Complete manage of XRD, XRF techniques and commons databases.
- Proficient in Graphic design and Multimedia Edition. (Corel Draw, Photoshop, Final Cut)
- Working experience with IT software: SQL servers, Altiris Agent.
- Working experience with Subsurface analysis software as Petrel, Kingdom and Opendtech
- Language proficiency in Spanish and English

Memberships

- Geological Venezuelan Society. 2012- Present
- Member of the Venezuelan commission for the South American Geological map. COMMISSION FOR THE GEOLOGICAL MAP OF THE WORLD (CCGM) 2014 - Present
- Student Member of American Association of Petroleum Geologist, AAPG 2013 - Present
- Student Member of Geological Society of America, 2015 – Present

Relevant Coursework

Sequence stratigraphy

Subsurface Methods

Sandstone Diagenesis

Clay Minerals characterization

RESEARCH OUTCOMES

- Gomez Ali & Xie, Xiangyang, 2016. U-Pb detrital zircon and heavy mineral signatures of Cenozoic clastic sediments in the Táchira saddle, western Venezuela. Geological Society of America. Abstracts with Programs. Vol. 48, No. 7 doi: 10.1130/abs/2016AM-280769
- Urbani F., Grande S., Gómez A. & Mendi. D. 2015. Descripción estratigráfica actualizada de algunas unidades geológicas de la región comprendida entre Carora y Cabo Codera, Venezuela. Revista Venezolana de Ciencias de la Tierra, 47: 1-19.
- Gómez A., Reategui W. & Urbani F. (2014) *Overview of Venezuelan Geology*. Memories of Geological map of southamerica workshop. Commission for Geological Map of the World (CGMW). Villa de Leyva, Colombia.
- Urbani, F. & Gómez, Ali (2014) *Una Década de Cartografía Geológica en el Norte de Venezuela: 2003-2013*, Boletín 27. Academia Nacional de Ingeniería y Hábitat. Caracas.
- Gómez, Alí & Urbani, Franco (2013). *Atlas geológico de la parte septentrional de los estados Lara y Yaracuy, Venezuela*. Memorias del V simposio de Geociencias en rocas ígneas y metamórficas. GEOS 45
- Avila Jesus, Oropeza Javier, Gomez Alí, Schmitz Michael & Garcia Kenny, 2013. *Integración de datos geofísicos y geológicos para la microzonificación sísmica de Carora, estado Lara*. GEOS 43
- GOMEZ Alí, ICHASO Andrei, RICCI Daniel & SANCHEZ Andrés. 2011. *Caracterización de la Formación Matatere en la región de Siquisique - Padre Diego, estado Lara, Venezuela*. Geos 41: 30-31

COURSES

- Workshop "Geological Map of South America", Villa de Leyva, Colombia. Commission for the Geological Map of the World-CGMW & Colombian Geological Service. July -2014
- Geographic Information Systems (SIG ESRI-GEODINOS). "Fundación Instituto ingeniería para la Investigacion y Desarrollo Tecnológico" (*Engineering Institute Foundation for research and technological development*). Valle de Sartenejas. Caracas. Venezuela. June 2012.
- Clay minerals characterization through physical-chemical treatment & X-ray Diffraction". Geology & Geochemistry lab. 330. Geology department, School of Geology, Mines y Geophysics. "Universidad Central de Venezuela". Agus - Sep 2000