

<b>Name:</b>	Francisco Grau-Sacoto		
<b>Academic Rank:</b>	NTT Lecturer	<b>FT</b>	<b>PT X</b>
<b>Professional Registration ID:</b>	1028-11-1082407		

<b>EDUCATION</b>			
<b>Degree</b>	<b>Field</b>	<b>Institution</b>	<b>Graduating year</b>
Master (MSc)	Science in Civil Engineering	Louisiana State University (LSU)	2014
Bachelor	Civil Engineering	Escuela Superior Politecnica del Litoral	2011

<b>ACADEMIC EXPERIENCE</b>		
<b>Institution</b>	<b>Location</b>	<b>Date Range</b>
Escuela Superior Politecnica del Litoral	Ecuador	2015 - Current
ICC Colombia	Colombia	2017

<b>NON-ACADEMIC EXPERIENCE</b>		
<b>(Consulting, Industry, etc.)</b>	<b>Location</b>	<b>Date</b>
<b>Geocimientos S.A.</b> - Project Engineer.	Guayaquil, Ecuador	2010 - Current
<b>Louisiana State University (LSU), Baton Rouge, USA.</b> - Postgraduate researcher.	USA	2013 - 2014
<b>Geocimientos S.A.</b> - Geotechnical Analyst	Guayaquil, Ecuador	2010 - 2012
<b>Secretaria de Comunicaciones y Transportes (SCT) de México</b> - Intern	México	2011
<b>Holcim Ecuador, Centro Técnico del Hormigón</b> - Intern	Guayaquil, Ecuador	2010

<b>CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b>
<ul style="list-style-type: none"> <li>• Associate Member, American Society of Civil Engineers (ASCE)</li> <li>• Affiliate Member, ASCE Geotechnical Institute (Geo-Institute)</li> <li>• Affiliate Member, International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)</li> </ul>

<b>SERVICE ACTIVITIES (WITHIN AND OUTSIDE OF THE INSTITUTION)</b>
<ul style="list-style-type: none"> <li>• Oral Presentation in Workshop: Behavior of Deltaic Estuarine clays. ASCE Ecuador. Ecuadorian Construction Institute. Universidad Católica de Santiago de Guayaquil. 2016.</li> <li>• Poster Presentation in Graduate Student Research Conference at Louisiana State University. Department of Civil and Environmental Engineering. 2014.</li> </ul>

<b>PUBLICATIONS AND PRESENTATIONS FROM THE PAST FIVE YEARS</b>
Publications (5 more relevant) <ul style="list-style-type: none"> <li>• Andrade, H., Grau-Sacoto, F., Soriano, C., Grau-Sacoto, C. (2017). Projeto de estabilização de uma encosta em Montanita Equador mediante técnica de ancoragem. VII Conferencia Brasileira sobre Estabilidade de Encosta.</li> </ul>

- Grau, F., Choo, H., Hu, J.W. & Jung, J. (2015). Engineering Behavior and Characteristics of Wood Ash and Sugarcane Bagasse Ash. *Materials*, 8(10), 6962-6977.
- Jung, JW., Grau, F., Ahn, J. (2014). Characterization of Environment-Friendly Soils Stabilized with Biomass Wood Ash. *Journal of the Korean Society of Hazard Mitigation*, Vol. 14, No. 3, 99.143-149.
- Grau, F. (2014). Engineering behavior and characterization of Biomass ashes using Geotechnical measurement techniques. Master Thesis. Louisiana State University.

**RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES IN DESIGN COURSES IN CE PROGRAM**

- [2018] Internacional Course "Ingeniería Geotécnica Sísmica". Geosísmica.
- [2017] Internacional Course: Temas selectos en vías terrestres: "Diseño Mecanicista de Pavimentos con espectro de carga y daño". Universidad Católica de Santiago de Guayaquil.
- [2016] Curso – Taller de Diseño de Geopier Foundation Company. Panamá
- [2016] Curso "Geofísica Aplicada a daños producidos por el terremoto de Pedernales". HGS Engineering S.A.C.
- [2015] Curso / Taller "Requisitos Generales para la Competencia de los Laboratorios de Ensayo y de Calibración" Norma NTE INEN ISO/IEC 17025:2006
- [2012] Diseño y Construcción de Cimentaciones Profundas. Universidad Católica de Santiago de Guayaquil.
- [2011] Curso de Certificación en Diseño de Mezclas Asfálticas de alto desempeño. Secretaría de Comunicaciones y Transportes (SCT) de México.
- [2010] IX Programa de Gobernabilidad y Gerencia Política, Corporación Andina de Fomento (CAF), George Washington University, Universidad Católica de Santiago de Guayaquil.
- [2004] Bénédicte School of Languages. Advanced English Graduation