

Name:	Miguel A. Chavez-Moncayo		
Academic Rank:	Emeritus Professor	FT	PT X
Professional Registration ID:	1021-02-314326		

EDUCATION			
Degree	Field	Institution	Graduating year
Doctorate (PhD)	Technical Sciences	Instituto Superior Minero Metalúrgico de Moa	2010
Master (MSc)	DEA in soil and rock mechanics	l'Institut National Polytechnique de Lorraine	1977
Bachelor	Civil Engineering	École des Ponts et Chaussées	1978
		Escuela Superior Politecnica del Litoral	1988
	Geology Engineering	Escuela Superior Politecnica del Litoral	1975

ACADEMIC EXPERIENCE		
Institution	Location	Date Range
Universidad L. Vicente Rocafuerte	Ecuador	1973 - 1974
Escuela Superior Politécnica del Litoral	Ecuador	1977 - Current

NON-ACADEMIC EXPERIENCE		
(Consulting, Industry, etc.)	Location	Date
MTOP. - Executor of the studies and designs to stabilize the landslides.	Guayaquil, Ecuador	2010
Portovelo Municipality. - Consultancy and analysis of projects related to the decontamination solution.	Portovelo, Ecuador	2010
UNESCO. - Studies and designs to stabilize the collapses and landslides.	Bolivia	2011
Aymesa. - Design and construction for Stabilization works.	Quito, Ecuador	2011
China Tiesiju Civil Engineering Group Co. Ltd. - Studies and designs for stabilization.	Chone, Ecuador	2011
ESPE, CENAGUA. - Author of the re designs of the Rio Grande Dam Project of Multi-purpose Chone.	Chone, Ecuador	2013
TBA ECUADOR S.A. - Technical Manager.	Guayaquil, Ecuador	2012 - 2015
Indepent Consulting	Ecuador	Current

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS
<ul style="list-style-type: none"> CIGMIPA, Geology, mines and petroleum Engineers Association of Guayas / Colegio de Ingenieros en Geología, Minas y Petróleos Del Guayas. CICE, (Civil Engineers Association of Ecuador) – headquarters Guayas / Colegio de Ingenieros Civiles del Ecuador – Sede Guayas.

- CCG, (The Construction of Guayaquil Chamber / Cámara de la Construcción de Guayaquil).
- SEMSIR, (Ecuadorian Society of Soil Mechanics and Rocks / Sociedad Ecuatoriana de Mecánica de Suelos y Rocas).
- SIMSIG, (International Society for Soil Mechanics and Foundation Engineering / Sociedad internacional de Mecánica de Suelos e Ingeniería de Fundaciones).
- ISRM, (International Society for Rock Mechanics / Sociedad Internacional de Mecánica de Rocas).
- IAEG, (International Association of Engineering Geology / Sociedad Internacional de Ingeniería Geológica).
- SEIS, (Earthquake Engineering Ecuadorian Society / Sociedad Ecuatoriana de Ingeniería Sísmica).
- IAEE, (Earthquake Engineering International Association / Sociedad Internacional de ingeniería Sísmica).
- SNGRD, (Regional Committee of management of natural disasters / Comité Regional de manejo de desastres naturales – Headquarters Costa Rica).
- DIHK, (Commerce German Ecuadorian Chamber / Cámara de comercio ecuatoriana alemana).

HONORS AND AWARDS

- Obtaining the highest grades, achieving 61 credits, in ISMM Moa, Cuba 2006
- Update tests in doctoral courses in France, 1977.

SERVICE ACTIVITIES (WITHIN AND OUTSIDE OF THE INSTITUTION)

- Associate Dean of the FICT College, ESPOL, from 1986 to 1992.
- Dean of the "Facultad de Ingeniería en Ciencias de la Tierra" ESPOL from 1992 to 2000.
- Vice - Rector in charge of ESPOL, 1998.
- Professor of Post-Grade in IIEA Geotechnics Department in Faculty of Civil Engineering, Guayaquil University, from 1978 to date.
- Masters Professor in Geotechnics in Faculty of Civil Engineering, Guayaquil University, since 2007.
- Events as an exhibitor from 1987-2003.
- Main vowel of "Geology, mines and petroleum Engineers Association of Guayas", 1982.
- Vice President of " (Ecuadorian Society of Soil Mechanics and Rocks", 1984-1986.
- President of "Ecuadorian Society of Soil Mechanics and Rocks" from 1986 to 1991.
- SEMSIR is the representative of the Ecuador at ISSFE and ISRM international societies.
- First Technical President meeting of the 1st Symposium South American of landslides in Colombia in August 1989.
- Main vowel, for South America of the Committee international of landslides.
- President of the Organizing Committee in the 1st symposium Pan-American Earth landslides, August 1994.
- Representative for Latin America, together with Dr. Willy Lacerda (Brazil) to the World Committee on landslides, based in Canada.
- General Vice Rector in charge of ESPOL, in several monthly periods, 1995-1999.
- Re-elected Sub-Dean and re-elected Dean of Facultad de Ingeniería en Ciencias de la Tierra (ESPOL), between 1986-1999.
- Civil works management for the project "Technology Park", July 2000 to May 2001.
- ESPOL Planning Unit Director, from June 2000 to October 2002.
- Principal Member of the National Disaster Prevention Committee, 2001-2003.
- Chairman of environmental engineering, Solambi S.A. solutions, 2002-2005.

PUBLICATIONS AND PRESENTATIONS FROM THE PAST FIVE YEARS
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Publications (5 more relevant)

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| <ul style="list-style-type: none">• SOLUCIONES PARA EL MANEJO DEL NIVEL FREÁTICO EN LA ESTABILIDAD DE TALUDES. Memorias de la Segunda Convención de las Ingenierías de las Geociencias y Química, La Habana Cuba, marzo 2010. |
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RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES IN DESIGN COURSES IN CE PROGRAM

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| <ul style="list-style-type: none">• Lecturer of the course FICT04341 (Capstone course), at ESPOL, since 2015.• Lecturer of the course FICT02295 (Foundation Engineering), at ESPOL from 2010 to 2014. |
| <ul style="list-style-type: none">• CE in charge of the studies and designs of the Sanitary Landfill of Quinde. Contracting Entity: Corporation Regional Studies of Guayaquil. From: February 2008, until March 2008. |
| <ul style="list-style-type: none">• CE in charge of geological studies, hydrogeological, geotechnical and specialized designs of the different elements of the sanitary landfill. Project: technical closure of the Junkyard of Quinde. Contracting Entity: Corporation Regional Studies of Guayaquil. From: March 2008, until June 2008. |
| <ul style="list-style-type: none">• CE in charge of geological studies, hydrogeological, geotechnical and specialized designs of the different elements of the technical closure. Project: Sanitary Landfill of Muisne. Contracting Entity: Corporation Regional Studies of Guayaquil. From: May 2008, to: July 2008. |
| <ul style="list-style-type: none">• CE in charge of geological, hydrogeological, and geotechnical studies and specialized designs different from the landfill. Project: Closing the landfill of Muisne technician. Contracting entity: Corporation of regional studies Guayaquil. From: June 2008 to: July 2008. |
| <ul style="list-style-type: none">• CE in charge of geological, hydrogeological, and geotechnical studies and specialized designs of the different elements of the technical closure. Project: Filling health Eloy Alfaro. Contracting entity: Corporation of regional studies Guayaquil. From: May 2008, up: July 2008. |
| <ul style="list-style-type: none">• CE in charge of geological, hydrogeological, and geotechnical studies and specialized designs different from the landfill. Project: Closing the Bourbon dump technician. Contracting entity: Corporation of regional studies Guayaquil. From: June 2008 to: July 2008. |
| <ul style="list-style-type: none">• CE in charge of geological, hydrogeological, and geotechnical studies and specialized designs of the different elements of the technical closure. Project: Integrated management of solid wastes from the canton General Villamil Playas. Contracting entity: Program of coastal resources. Since: July 2005 until: September 2005. |
| <ul style="list-style-type: none">• CE in charge of the studies and designs to stabilize the landslides that occurred between the multiple axis 1 200 to 1 1700, the San Vicente Pedernales road. Contracting Entity: Consulting and Technical Studies - MTOPS. Guayaquil. From: March 2010 to: May 2010. |
| <ul style="list-style-type: none">• Studies and designs to stabilize the landslides in the Urban Development Project The countryside, as a result of the rainy season of the year 2008. Contracting Entity: Property development company LFG. La Campiña Cuenca Urbanization. From: May 2008, to: July 2008. |
| <ul style="list-style-type: none">• Studies and designs of the stabilize works in critical building areas, landslides, etc. Project: Studies and designs for stabilizing slopes slipped in the urban project 'Bosque Real'. Contracting entity: Property development company LFG. Address: Centro Comercial Albán Borja Guayaquil. From: February 2008, until: May 2008. |

<ul style="list-style-type: none"> • Studies and designs to solve Step along the branch F exchanger km 4.5 Contracting Entity: Hidalgo and Hidalgo. Guayaquil. From: March 2008, to: April 2008.
<ul style="list-style-type: none"> • Exxon Mobile studies and designs of stabilization of new landslides at the service station in Ceibos Guayaquil, 2008.
<ul style="list-style-type: none"> • Furoiani S.A. Studies designs and works of slope stabilization along the storages of Boyaca Department Stores. Route Perimetral, Guayaquil. 2009.
<ul style="list-style-type: none"> • ESPOL, Designer and Inspector of the Dam Construction in Project PARCON, Gustavo Galindo Campus - 2008-2009.
<ul style="list-style-type: none"> • ESPOL, bridge designer and submerged dike of the new access road to Gustavo Galindo Campus, 2008.
<ul style="list-style-type: none"> • CYTED, sanitary landfill designer in Huancavelica City, Peru. 2008
<ul style="list-style-type: none"> • CYTED, technical solutions to stabilize designer the landslides multiple, large dimensions that affect the Huancavelica City and mercury mines, Peru. 2009.
<ul style="list-style-type: none"> • Portovelo Municipality ,consultancy and analysis of projects related to the decontamination solutions by the intense action mining and land management through reports, 2010.
<ul style="list-style-type: none"> • UNESCO, studies and designs to stabilize the collapses and landslides that occur in Cerro Rico (silver mines and other precious minerals) of Potosi Bolivia, May to July 2011.
<ul style="list-style-type: none"> • UNESCO, studies and designs to repair colonial reservoir dams and tailings dams nearby, in Potosi Bolivia , since June to July 2011.
<ul style="list-style-type: none"> • China Tiesiju Civil Engineering Group Co., Ltd, Studies and designs for the stabilization of two landslides of the shipping Chone channel. Analysis of the foundations and Dam underrides Chone. August to December 2011.
<ul style="list-style-type: none"> • ESPE, CENAGUA, author of the re designs of the Rio Grande Dam Project of Multi-purpose Chone, May 2013.