

ENRIQUE MORENO-GOMEZ

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EDUCATION

Northwestern University – Evanston, IL. McCormick School of Engineering Sep/2014 to Dec/2015

Master in Engineering Management (MEM) Project and Process Management concentration
Optional summer internship: Willis Re Inc. - Latin America case studies

Universidad de los Andes – Bogota, Colombia. Business Administration Jan/2013 to Dec/2013

Diploma in Financial Administration. Modeling and Financial Strategy

Pontificia Universidad Javeriana – Bogota, Colombia. Civil Engineering Jan/2003 to Sep/2008

BS, Civil Engineering. Ranked first place among fifteen undergraduate civil engineering students

Continuing Education

Risk Analysis Course. Universidad de los Andes

Property Seminar: Risk Assessment and Management of an Insured Portfolio. Swiss-Re

Risk Analysis of Renewable Energy and Insurance Course. ITSEMAP MAPFRE RE

WORK EXPERIENCE

Willis Re Inc., Broker Jan/2016 to Current

Broker for Latin America and the Caribbean

- Developed and implemented reinsurance solutions and risk management advisory services to the major clients in the region in order to adapt them to the new practices of Solvency II regulatory framework in Latin America

Willis Re Inc., Graduate Summer Intern Jul/2015 to Sep/2015

Latin America Case Studies (part of the MEM Program)

- Analyzed the tendering mortgage portfolios in Colombia to guide the Peruvian clients in future regulation challenges; ensuring a long-term relationship with the company
- Assessed the impact of a new catastrophe probabilistic estimation in Costa Rica in order to quantify the level of reinsurance, reserves and capital for local clients. The assessment was presented to the main client, ensuring the renewal of their contracts with Willis Re

Seguros Comerciales Bolivar S.A., Assistant Vice-President Jul/2008 to Jul/2014

Catastrophe Events and Reinsurance

- Established a methodology based on real estate market variations to determine annual increments for the mortgage portfolio's value of insurance increasing annual income by 8%
- Implemented a methodology aimed at specifying economic losses due to extreme events, facilitating the quantification of loss projections, retention analysis, and the transferable risk to reinsurers. Contributed to the financial rating upgrading from AA+ to AAA by Fitch Ratings in 2013
- Enriched the Synergic Catastrophe Logistics Plan by implementing the experience acquired in the 2010 Chilean earthquake and the 2011 Bogota's urban floods. Plan won the Holding Bolivar's Synergy Innovation Award among 218 projects in 2012
- Conceived and enforced a synergic IT process that facilitates managing information of residential-units which are guarantees of a bank-loan and insured by the company; patent pending
- Developed an on-line platform to establish the appropriate insured-rate premium of residential buildings exposed to different geospatial-hazards resulting in reduced sales time as well as a 7% increase in annual revenue
- Actively participated with the local regulator and the Insurance Association to change the Colombian catastrophe reserve. Revising Latin America insurance regulations, alternative risk transfer solutions and estimate the impact for the local market
- Planned and implemented an early on-line warning system to estimate economic losses of an insured portfolio if a seismic event occurs in the Colombian territory

Ingetec S.A., Junior Engineer Jan/2008 to Jul/2008

Structural Design Section

- Collaborated in the structural design and revision of different hydraulic and transportation projects across Latin America

RELEVANT SKILLS

- Microsoft Office Suite, Tableau, R, 2R-soft, Weka, Visual Basic, Matlab, Python, PostgreSQL, MySQL, ArcGis, QGIS, RMS, RN-COL.
- Languages: Native Spanish speaker; fluent in English