

OSCAR MANCO LÓPEZ / PhD

Address1: Calle 1 sur # 32 – 61, Apartament 601 Medellín – Colombia

Identification: 3.481.752 – **Birth date:** 30/09/1981

Cellular phone: (+57) 301 2377640

osmalo@gmail.com; oscar.manco@tisas.co, www.tisas.co

TRUST INVESTMENT S.A.S Financial Solutions – Medellín, Colombia, Miami – EEUU.

CEO – HEAD MARKETS RESEARCH

Jun 2011 – Currently

- Financial structuring, restructuring, financial quantification, integration in financial statements (corporate value at risk – VaR).
- Assessment and implementation of schemes for financial planning in companies, projects and risk valuation.
- Asset allocation, studies for risk aversion, financial and economic risk publications and financial innovation.
- Research in topics related (economics, financial markets, corporate finance), and publications in international congress.
- Information provider for companies of international information.

Principal Achievements:

- ✓ Development of a financial platform to measure corporate risk in real time, called “ScoRe” (liquidity, solvency, operative and market). And another application called “RisKeR” to measure systemic risk.
- ✓ Significant investment savings thanks to our recommendations in risk management, and by applying the financial restructuring we saved 3 companies from bankruptcy.
- ✓ Construction of a financial model for a multinational company that manages USD 6 billion in assets.
- ✓ Opening of a subsidiary in Miami (United States) in order to make an international presence, looking for integral financial solutions.

TEACHER

UNAL – EAFIT – UDEA – UPB – UCO – UPEC

August 2007 – Currently

Master classes – courses – including bachelor and postgraduate programs, courses as: financial management, financial mathematics, asset allocation, corporate finance, risk modeling, risk management, working capital, enterprises valuation, financial derivatives, technical analysis, fixed income, financial markets.

INTERCONEXIÓN ELÉCTRICA S.A. (ISA) – Medellín, Colombia

FINANCIAL ANALYST (CORPORATE FINANCE)

April 2009 – Jun 2011

- Evaluation and definition of the guidelines for development the short – term financial perspective.
- Financial planning and integration of financial statement consolidated, in order to recommend actions.
- Quantification of the volatility for business, using metrics and simulations for risk variables.
- Projections for the implementation and monitoring the financial outlook for short and medium term. Financial modeling.
- Evaluation of the financial viability necessary for new business.

ADACAP S.A. – BROKERAGE COMPANY – Medellín, Colombia

EQUITY RESEARCH ANALYST

February 2008 – April 2009

- Equity and markets analysis (Research).
- Fundamental review of financial statements in local and international companies.
- Application of methodologies for valuation (DCF, Peers, transactions, real options) and asset allocation.
- Publications and investments recommendations.
- Road shows and public presentations with investment strategy.

NATIONAL UNIVERSITY OF COLOMBIA – COLCIENCIAS – ISA E.S.P – Medellín, Colombia

RESEARCHER

March 2007 – January 2008

“Application of methodologies for modeling systems in the quantification of risks in companies of energy Transmission”

- Accomplishment of system for the corporate risk control
- Modeling variables with respective impact (macroeconomics’ measures)
- Validation of the system through tests inside the real financial model
- Preparation of final document and publication.

BBVA (Banco Bilbao Vizcaya Argentaria) RESEARCH S.A. – Madrid, Spain

EQUITY RESEARCH AND ANALYSIS – EUROPE

April 2006 –February 2007

- Frequent reports, study and modeling applied in commodities and utility companies (sector).
- IPO’s (Initial Public Offering) preparation.
- Preparation of Road Shows for the investors.
- Determination of target prices using Bloomberg and Reuters.

NATIONAL UNIVERSITY OF COLOMBIA – EPM E.S.P – Medellín, Colombia

RESEARCHER

January 2005 – August 2005

“Fuzzy Inference System for assign financial resources to brokerage companies”.

- Feasibility study in the implementation of new technologies (financial innovation).
 - System developed in order to measure the risk of brokerage companies.
 - Programming and presentation of integrated platform.
-

FORMAL STUDIES

UNIVERSITÉ PARIS – EST CRETEIL – Paris, France PhD – Economic Sciences Thesis: <i>Applied modelation to electricity markets, as a financially unstable complex system</i>	November 2016
NATIONAL UNIVERSITY OF COLOMBIA – Medellin, Colombia PhD – Engineering, Industry and Organizations	November 2016
INSTITUTO DE ESTUDIOS BURSÁTILES (IEB) UCM – Madrid, Spain MASTER – Corporate Finance & Investment Banking	Jun 2007
INSTITUTO DE ESTUDIOS BURSÁTILES (IEB) – Madrid, Spain SPECIALIZATION advanced program in quantitative and technical analysis	February 2007
INSTITUTO DE ESTUDIOS BURSÁTILES (IEB) – Madrid, Spain SPECIALIZATION advanced program in Financial Derivatives (Options & Futures)	July 2006
NATIONAL UNIVERSITY OF COLOMBIA – Medellin, Colombia Manager Engineer – National Faculty of Mines PROFESSIONAL	September 2005

OTHER STUDIES

PARIS SCHOOL OF ECONOMICS (PSE) – Paris, France Summer School: Development in Economy	Jun 2016
LONDON SCHOOL OF ECONOMICS (LSE) – London, England Executive program: International Financial Markets	September 2006
INSTITUTO DE ESTUDIOS BURSÁTILES (IEB) – Madrid, Spain <i>The new architecture in the global financial systems</i>	March 2006

COMPUTER SKILLS

Microsoft Office: (Word, Excel (Advanced), Access, PowerPoint)
Financial Software, Simulation: Bloomberg, Reuters, Crystal Ball, @Risk, Power Sim, Visual Chart.
Programming and specific programs: Visual Basic, SAS, Lingo, Mat Lab, Stat Graphics, R, LaTeX.

LANGUAGES

Native Language: Spanish
Language 1: English Professional competence
Language 2: French (90%)
Language 3: Italian (50%)

SOCIAL NETWORKS

- 1: <https://co.linkedin.com/in/oscarmanco>
 - 2: [@osmalo10](https://twitter.com/osmalo10)
 - 3: https://www.researchgate.net/profile/Oscar_Manco_Lopez/stats
-

INTERNATIONAL PRESENTATIONS & PAPERS

Journal: Complex system modeling and platform implementation for financial risk management in energy markets. Journal of Ubiquitous Systems & Pervasive Networks Volume 3, No. 1 (2016) – Canada

Paper: Risk assessment methodology: implementation of Duration GAP in corporate portfolios in order to reduce the systemic risk: World Finance & Banking Symposium – Dubai (December 2016) Approved.

Poster: Financial complexity in the electricity markets: Determination of systemic risk in order to ensure the operation: Energy Systems Conference: 21st Century Challenges – London – England (Jun 2016).

Paper: Risker: Platform Implementation of Complex System Model for Financial Risk Management in Energy Markets: The 7th International Conference on Ambient Systems, Networks and Technologies (ANT 2016) – Madrid Spain (May 2016).

Journal: Design of a fuzzy expert system: Credit risk assessment of stock brokerage firms in order to grant financial resources: Estudios Gerenciales. Vol. 23 No. 104 Jul – Sept 2007. Colombia (2007).
