

Guisselle Adriana García Llinás Ph.D.

Universidad del Norte, Barranquilla, Colombia

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Education

Undergraduate Studies

- B.S in Industrial Engineering: Universidad del Norte, Barranquilla.

Graduate Studies

- Master of Science in Industrial Engineering: Universidad de los Andes, Barranquilla, 2005.
- Master of Science in Industrial and Systems Engineering: The State University of New York, 2011.
- Ph.D. in Industrial and Systems Engineering: The State University of New York, 2013.

Academic Experience

Undergraduate Level

- *Universidad del Norte, 2013-Present.*
 - *Discrete Simulation*
 - *Cuantitative Methods*

Graduate Level

- *Universidad del Norte, 2014-Present.*
 - *Integrated Business Management*

Professional Experience

- The Research Foundation, 2011 – 2013.
KDD Project; design and development of network flows optimization algorithms
- Universidad del Norte, 2006 – 2008.
Responsible for program development, monitoring progress, assuring adherence, evaluating performance of the program and student counseling

- Visión Software S.A, 2003 – 2005.
Responsible for modeling business processes for financial companies, and Functional Architect to design databases

Research Experience

Publications

- *"Network and QoS-based selection of complementary services". García, G., Nagi, R., IEEE Transactions On Services Computing. 2014.*
- *"Determining the Number of Cards for a Lean Production System of an Extrusion Process based on Resource Selection Criteria". Paternina, C., García, G., Salcedo, A. Ingeniería & Desarrollo. 2006.*

International Conferences

- *"Scenario-based approach to improve the resilience of Interdependent Civil Infrastructures". García, G., Nagi, R., Sudit, M. ISERC 2013 Conference. San Juan, Puerto Rico. 2013.*
- *"A Network Flow Approach for Design Improvements in Interdependent Civil Infrastructures". García, G., Nagi, R., Sudit, M. INFORMS Annual Meeting 2012. Phoenix, Arizona, USA. 2012.*
- *"Design of Robust Interdependent Infrastructures with a Limited Budget". García, G., Nagi, R., Sudit, M. ISERC 2012 Conference. Orlando Florida, USA. 2012.*
- *"New Solution Approach to the Discrete Network Design Problem (DNDP)". Nagi, R., García, G., Sudit, M. 17th Industrial Engineering Research Conference. Reno, Nevada, USA. 2011.*
- *"On-Line Decision Support Simulation Model for Contingency Planning in Passenger Transportation". Garcia, G., Paternina, C., Narducci, F. INFORMS Annual Meeting 2007. Seattle, Washington, USA. 2007.*
- *"The effect of distance approximations on vehicle routing in a grid-based city with numbered streets". Garcia, G., Riaño, G., Medaglia, A. INFORMS Annual Meeting 2006. San Francisco, California, USA. 2006.*