



Msc María Hallo  
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#### EDUCATION:

- Notre Dame University of Belgium, Namur, Belgium.  
Facultés Universitaires Notre Dame de la Paix .  
Licencié et Maître en Informatique. Current equivalence: Master's Degree.  
October 1984.
- Escuela Politécnica Nacional (EPN), Quito, Ecuador.  
Bachelor's Degree in Chemical Engineering (5 years program).  
April 1981.
- PhD Student, University of Alicante from 2013 until now.

#### LANGUAGES:

- Speaks, read and write fluently Spanish, French and English.

#### WORKING EXPERIENCE:

- National Polytechnic University of Ecuador, Quito, Ecuador University  
Professor from 1984 until now.
- Teaching computer science courses to engineering students: Database,  
Information Systems Planning, Geographical Information Systems, Systems  
Analysis and Design, Business Intelligence.
- Advising more than 50 computer science students in the preparation of their  
thesis.
- Managing several information systems projects for public enterprises 1984 to  
Present.

#### SPECIAL PROJECTS:

Escuela Politécnica Nacional, Quito, Ecuador

Project Manager of the following projects:

- Design, Development and Deployment of a Human Resource Management  
System for the Ecuadorian Navy.
- Design, Development and Evaluation of Medical Audit System for Public  
Hospitals.
- Information Systems Planning for the National Council of Disabilities.
- Information Systems Planning for the Pichincha Province Health Office.
- Design, Development and Evaluation of a Spatial Planning Information System  
for the Local Governments.
- Portal development for entrepreneurs at national level for the Ministry of  
Industries of Ecuador.

- Versioning Model for Legislative text using Linked Data.
- Evaluating digital libraries using Linked Data technologies.

#### PUBLICATIONS:

1. Hallo, M., Luján-Mora, S. and Maté, A. (2016). Evaluating Open Access Journals using Web Semantic Technologies and Scorecards, *Journal of Information Science*. DOI: 10.1177/0165551515624353.
2. Hallo, M., Luján-Mora, S. and Maté, A. (2015). Current State of Linked Data in Digital Libraries. *Journal of Information Science*, 42(2), 117-127. DOI: 10.1177/0165551515594729.
3. Hallo, M., Luján-Mora, S. and Maté, A. (2015). Data model for storage and retrieval of legislative documents in Digital Libraries using Linked Data. *EDULEARN15 Proceedings*. Barcelona, Spain, IATED, 7423-7430.
4. Hallo, M., Luján-Mora, S. and Trujillo, J. (2015). An Approach to Publish Statistics from Open-access Journals using Linked Data Technologies.
5. Hallo, M., Luján-Mora, S. and Maté, A. (2015). Publishing a Scorecard for Evaluating the Use of Open-Access Journals Using Linked Data Technologies. *Proceedings of the 2015 International Conference on Computer, Information and Telecommunication Systems (CITS 2015)*. Gijón, Spain, IEEE: 105-109.
6. Hallo, M., Luján\_Mora, S. and Chavez, C. (2014). An Approach to Publish Scientific Data of Open-access Journals using Linked Data Technologies. *Proceedings of the 6th International Conference on Education and New Learning Technologies (EDULEARN14)*. Barcelona, Spain, IATED, 5940-5948.
7. Hallo, M., Luján-Mora, S. and Trujillo, J. (2014). Transforming Library Catalogs into Linked Data. *Proceedings of the 7th International Conference of Education, Research and Innovation (ICERI2014)*. Sevilla, Spain, IATED, 1845-1853.
8. Hallo, M. (2014). Sistemas de Bases de Datos NoSQL. En: *Tópicos avanzados de bases de datos*. Proyecto Latin. URL: <http://escritura.proyectolatin.org/topicos-avanzados-de-bd-version-autor-jpg/bases-de-datos-nosql/>.
9. Hallo, M. and Mosquera L. (2014). Data Mart para el Sistema de Servicios Sociales del Conadis : Consejo Nacional de Discapacidades, *Revista Politécnica*, 33(2), 1-9.
10. Hallo, M., Luján-Mora, S. (2014). An architecture and process to publish scientific data using Linked Data technologies Poster presented at the event Web Intelligence Summer School, 25-29 August 2014, Saint Etienne, France.
11. Hallo, M, Luján-Mora, S., Maté, A., Tubón D. (2015). Evaluación del uso de la Revista Politécnica usando analíticas de Google y tecnologías de Linked Data. *Memorias de las VI Jornadas de Ingeniería de Sistemas Informáticos y de Computación (JISIC 2015)*, Quito, Ecuador, 203-207. ISBN: 978-9978-383-34-6.
12. Hallo, M., Luján-Mora, S. and Trujillo, J. (2015). An Approach to Publish Statistics from Open-access Journals using Linked Data Technologies. *Proceedings of the 9th International Technology, Education and Development Conference (INTED2015)*. Madrid, Spain, IATED, 5940-5948.
13. Hallo, M., De la Fuente, P. and Martínez-González, M. (2013). Data models for version management of legislative documents. *Journal of Information Science*, 39(4), 557-572.

14. Hallo, M., De la Fuente, P. and Martínez-González, M. (2012). Las Tecnologías de Linked Data y sus aplicaciones en el gobierno electrónico. *SCIRE*, 18(1), 49-61.