

TANNIA MARGARITA MAYORGA TORRES

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**Personal Data**

Date of birth: September 10 1975

Place of birth: Ambato, Ecuador

Passport Number: 1802816098

Education**1. University:**

2005-2007 International Institute for Geo-Information Science and Earth Observation-ITC, GIM Department, Enschede, The Netherlands. Degree: **MASTER IN SCIENCE IN GEO-INFORMATION SCIENCE AND EARTH OBSERVATION, SPECIALIZATION: GEO-INFORMATION MANAGEMENT**. Title of the final dissertation: Evaluation of common data and usefulness of a national SDI to confront multi-risk in Ecuador. September 2005-March 2007, 18 months included the final research. Final grade: 72/100.

2004 National Institute of Space Research-INPE, XVII International Course in Remote Sensing and Geographic Information Systems, São José dos Campos, Brazil. Degree: **SPECIALIST IN REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEMS**. Title research: Application of a Tourist Geographic Information System in the city of São José dos Campos, using the techniques of Geo-processing and Remote Sensing. March-December 2004, 10 months included the final project. Final grade: 9.2/10.

2002-2005 Universidad Técnica de Ambato, College of Education Sciences, Ambato, Ecuador. Degree: **MASTER IN TECHNOLOGY OF THE INFORMATION AND MULTIMEDIA EDUCATION**. Title research: Geo-processing and Remote Sensing of spatial information in the province of Tungurahua to improve the learning in students of Tourism and Hotel Management at College of Education Sciences, level March-August 2005. June 2002-August 2005, 12 levels more the thesis.

1993-2002 Universidad Técnica de Ambato, College of Computer Science, Ambato, Ecuador. Degree: **SYSTEM ENGINEER**. Title research: Application of Geographic Information Systems in the management of urban cadaster of the village Marcos Espinel of canton Pillaro, province of Tungurahua. 10 levels more the thesis. Final grade: 9.0/10.

2. High School:

1987-1993 Colegio Nacional de Señoritas Ambato, Ambato, Ecuador. Degree: Bachelor in Sciences, Specialization Physic-Mathematics. Final grade: 18/20.

Work Experience

2007 Consultant in: Geographic Information Systems, Remote Sensing, Natural Disasters. Computer Science. Continuing presently.

2007 Teacher at Universidad San Francisco de Quito: College Polytechnic. Quito, Ecuador. August-December 2007. Continuing presently.

- 2005 Teacher at Universidad Técnica de Ambato: College of Civil Engineer, College of Education Sciences, Academic Center of Computer Training. Ambato, Ecuador February-August 2005.
- 2003 Digitizer at City Hall of Ambato-Architect College of Tungurahua. Ambato, Ecuador May-September 2003.
- 1999-2004 Universidad Técnica de Ambato-UTA, Vicerrectorado-Assistant, Ambato, Ecuador December 1999-February 2004.

Publications

- 2004 National Institute of Space Research-INPE, Brazil. "Application of a Tourist Geographic Information System in the city of São José dos Campos, using techniques of Geoprocessing and Remote Sensing".
- 2002 IX Latin-American Conference of Users of ESRI and ERDAS, Mexico. "Application of Geographic Information Systems in the management of urban cadaster of the village Marcos Espinel of canton Pillaro, province of Tungurahua".

Honours

- 2007 Speaker in the "First International Journal about Risk Management-Analysis, Evaluation and Risk Mapping in debris food, landslides and flooding"- Ecuador, Quito, July 17-21. The CIGMYP, City Hall of Quito, PNUD, Red CYTED, FIGEMPA of the Universidad Central del Ecuador, Universidad San Francisco de Quito, CGVG and Fundación Prevención.
- 2007 Speaker in the "Academic Journals to celebrate XVI Anniversary of Creation"- Ecuador, Ambato, June 18-20. Universidad Técnica de Ambato, Collage of Computer Science, Electronic and Industrial.
- 2002 Speaker in the "First Ecuadorian Congress about GIS and Teledetection: GIS ECUADOR 2002", into the subject "GIS and Urban Planning"- Ecuador, Quito, julio 10-12. Escuela Politécnica Nacional, Department of Computing Sciences- Unit of Artificial Intelligence and GIS.
- 2002 Speaker in the "IX Latin-American Conference of Users of ESRI and ERDAS"- México, D.F., September 25-27. GEOGRAPHIC INFORMATION SYSTEMS, S.A. de C.V.

Training

- 2007 First CRECTEALC Course - Ecuador Node "Geotechnologies applied to the management and prevention of natural disasters"- Ecuador, Quito, August 20-24. CRECTEALC, United Nations, CLIRSEN, INPE.
- 2006 Workshop "Incorporation of Risk Management in the Provincial and Local Planning Process" - Ecuador, Quito, September 19-20. Nacional Secretary of Planning and Development SENPLADES, Italian NGO CISP, European Commission Europea-Humanitarian Aid.
- 2004 Course "Statistic Applied to the Processing of Remote Sensing Images"- Brazil, São Leopoldo, RS, August 9-10. 4ª Jornada de Educação em Sensoriamento Remoto no Âmbito do Mercosul, SELPER-Brazil Chapter.
- 2004 Technical Visit to the installations of "BASE aerofotogrametria and project s/a"- Brazil, São Paulo, SP, September 13.
- 2002 Course "Introduction to ArcGIS"- Mexico, D.F., September 23-24. Geographic Information Systems, S.A. de C.V.

Languages

1. Spanish: Native speaker
2. English: Very good conversation and writing comprehension
3. Portuguese: Good conversation
4. Dutch: Beginner

1996-2005 Universidad Católica del Ecuador, English Language, Ambato, Ecuador.
Degree: Proficient in English.

Personal References

1. Kees Bronsveld, Eng. M.C., Programme Director GIM Programme, International Institute for Geo-Information Science and Earth Observation-ITC. The Netherlands. E-mail: bronsveld@itc.nl
2. C.J. van Westen, Dr., Director UNU-ITC School on Disaster Geo-Information Management, Associate Professor in Geoinformation for Natural Hazard Studies, International Institute for Geo-Information Science and Earth Observation-ITC. The Netherlands. E-mail: westen@itc.nl
3. Tania Maria Sausen, Drs., Pesquisadora da Coordenadoria de Ensino, Documentação e Programas Especiais, National Institute of Space Research-INPE. Brazil. E-mail: tania@ltid.inpe.br
4. Luis Amoroso Mora, Ing. MSc., Rector Universidad Técnica de Ambato. Ecuador. Telephone: +593 3 2822960 . E-mail: rector@uta.edu.ec