

CURRICULUM VITAE

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Education

2009 PhD from the National Technical University of Athens, Greece. PhD Thesis: "Combination of Satellite and Inertial Positioning in Road Mapping"

1998 Dipl-Eng, School of Rural and Surveying Engineering, National Technical University of Athens, Greece

Professional Activity

2007-present, Research Associate, School of Rural and Surveying Engineering, National Technical University of Athens, Greece

2004-2007, in charge of the GPS department of Tree Company CO, sole representative for distribution of Topcon products in Greece

Participation in Research Programs

2009 "Digital Survey of 1000km of the Greek National Road Network", for the National Technical University of Athens in collaboration with the Ministry of Environment Planning and Public Works

2008 "Digital Survey of the Geometric Features of Parts of the Greek National Road Network, Using Geodetic Sensors", for the National Technical University of Athens in collaboration with the Ministry of Environment Planning and Public Works

- 2004 "Study and Radio Measurements for the System TETRA-OTE", for the National Technical University of Athens in collaboration with the Hellenic Telecommunications Organization
- 2004 "Crustal Deformations along Aegean in the region of Alkyonides - Atalanti - Parnitha", for the National Technical University of Athens
- 2003 "Evaluation of the Horizontal and Vertical Labeling of the Northern Road Axis of Crete", for the National Technical University of Athens in collaboration with the Ministry of Environment Planning and Public Works
- 2001 "Digital Survey of the Northern Road Axis of Crete Using Satellite Positioning", for the National Technical University of Athens in collaboration with the Ministry of Environment Planning and Public Works
- 2000, 2001 "Tectonic Movements of the Gulf of Corinth", for the National Technical University of Athens in collaboration with the Department of Sismologie de la Institute de Physique du Globe de Paris
- 1999 "Earth Crust Displacements and Seismic Hazard in Greece (SING)", for the National Technical University of Athens in collaboration with the University of Oxford, the Newcastle University and the University of Zurich
- 1997 "Digital Survey of the Main Road Axis of Crete Using Satellite Positioning", for the National Technical University of Athens in collaboration with the Ministry of Environment Planning and Public Works
- 1997 "HellNet '97". Geodetic measurements for the detection of crustal deformations in Greece, for the National Technical University of Athens in collaboration with the University of Oxford
- 1996 "Aegean '96". Geodetic measurements in the Aegean region for the detection of crustal deformations, for the National Technical University of Athens in collaboration with Columbia University

Educational Activity

Participation in the educational process of the following courses:

Pre-graduate:

- "Higher Geodesy", 1999-2004, 2007-present
- "Higher and Satellite Geodesy Applications", 2007-present
- "Exercises of Higher and Satellite Geodesy", 2008-present
- "Least Squares Method I", 1999-2004, 2007-present
- "Least Squares Method II", 1999-2004, 2007-present
- "Introduction in Programming", 2003, 2004, 2007, 2008
- "Programming Techniques", 2004, 2007

Post-graduate:

- "Advanced Systems in Geoinformatics", 2000
- "Collecting Spatial Data and Positioning", 1999

Scholarships-Awards

- PhD Scholarship from the Greek State Scholarship Foundation, 1999-2001
- Scholarship from the Technical Chamber of Greece (TEE) for the Academic Year 1996-97
- Scholarship from the Greek State Scholarship Foundation for the Academic Years 1993-94, 1995-96 and 1996-97

Publications

"Evaluating the performance of an Integrated INS/GNSS System", A.Gkegkas, A.Karamanou, K.Papazissi, D.Paradissis, Honorary Volume in honor of D.Arabelo, Professor of the Aristotle University of Thessaloniki, 2010

- "Tide gauges and continuous GPS in Crete: On the way to Detecting Vertical Movements", P.Milas, A.Karamanou, D.Paradissis, K.Palamatchouk, Poster, IGS Workshop and Vertical Rates Symposium, Newcastle, June 28-July 2, 2010
- "Mapping Rural Roads Using Satellite and Inertial Positioning", A.Karamanou, K.Papazissi, D.Paradissis, B.Psarianos, Honorary Volume in the memory of P.Vythoulkas, Professor of the National Technical University of Athens, 2010
- "Precise Estimation of Road Horizontal and Vertical Geometric Features Using Mobile Mapping Techniques", A.Karamanou, K.Papazissi, D.Paradissis, B.Psarianos, Boletim de Ciencias Geodesicas, Vol.15, Issue 5, pg. 762-775, 2009
- "Precise Estimation of Road Horizontal and Vertical Geometric Features Using Mobile Mapping Techniques", A.Karamanou, K.Papazissi, D.Paradissis, B.Psarianos, 6th International Symposium on Mobile Mapping Technology, SãoPaulo, July 21-24, 2009
- "A ten years analysis of deformation in the Corinthian Gulf via GPS and SAR interferometry", P.Briole, A.Avallone, E.Agatza-Balodimou, H.Billiris, O.Charade, H.Lyon-Caen, Ch.Mitsakaki, K.Papazissi, D.Paradissis, G.Veis, A.Karamanou, A.Marinou, Proceedings of the 11th General Assembly of the Wegener Project, Athens, June12-14, 2002
- "Road Mapping Using Satellite Technology", A.Karamanou, K.Papazissi, D.Paradissis, B.Psarianos, Proceedings of the 3d Symposium of the National Technical University of Athens in Metsovo, Greece, June 7-10, 2001
- "Height Determination Using Kinematic GPS", A.Karamanou, P.Briole, K.Papazissi, D.Paradissis, B.Psarianos, Proceedings of the GPS and SAR Interferometry on Volcanoes Conference, Catania, June 12-13, 2000

Languages

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| English | " <i>Certificate of Proficiency in English</i> ", University of Cambridge, 1996 |
| French | " <i>Certificat pratique de langue Française (1er degré)</i> ", Université de Paris – Sorbonne, 1991 |