

CURRICULUM VITAE

PERSONAL DETAILS

Name	Sofia Basiouka
Degree	MSc Surveyor Engineer, PhD Candidate
Nationality	Greek
Date of Birth	05/06/1985
Gender	Female
E-mail	s.basiouka@gmail.com

EDUCATION

10/2010 – Ongoing: National Technical University of Athens – School of Rural and Surveying Engineering

PhD Candidate, Volunteered Geographic Information and Cadastre, 2010 – Ongoing.

PhD Thesis: “Development of a Model for integration of volunteered geographic information (VGI) into cadastral databases”. Supervisor, Ass. Prof. Dr. Chryssy Potsiou.

(The Ph.D. studies are supported by a scholarship awarded by the Greek State Scholarships Foundation.)

2008 – 2009: University College London – Department of Civil, Environmental and Geomatic Engineering

Msc, Geographic Information Science, 2008 - 2009

Grade: 2:1 Upper Second-Class Honors

Dissertation: “Evaluation of the OpenStreetMap quality”, Supervisor: Prof. Dr. M.M. Haklay

2003 – 2008: National Technical University of Athens – School of Rural and Surveying Engineering

MEng, Rural and Surveying Engineering, 2003 - 2008

Grade: 7.94 / 10 (4th out of 95 graduated students of 2008)

Dissertation: "The expropriation process in Greece and implementation in three main motorways". Supervisor, Ass. Prof. Dr. Chryssy Potsiou

1991 – 2003: Arsakeio School of Psychico

Primary, Secondary Education and General Lyceum (High School), 1991 - 2003

Grade: 18.6/20 (Award by the Ministry of Education for High School academic excellence)

TEACHING ASSISTANCE

2010 - 2013: Laboratory Support Staff and Assistant Teaching of two undergraduate modules; "Cadastral" of the 7th semester, "Cadastral and Land Policy" of the 8th semester. [Three academic semesters in total]

2011 - 2013: Assistant Teaching of "Cadastral Systems Development & Management" module of the 9th semester. [Two academic semesters in total]

2010 - 2012: Assistant Teaching of "Real Estate Valuation & Land Management" module of the 9th semester. [Two academic semesters in total]

PUBLICATIONS

Basiouka, S., Potsiou, C., 2013. "The Volunteered Geographic Information in Cadastral: perspectives and citizens' motivations over potential participation in mapping" *GeoJournal*, First view article: DOI 10.1007/s10708-013-9497-7

Sylaiou, S., **Basiouka, S.,** Patias, P., Stylianidis, S., 2013. "The Volunteered Geographic Information in Archaeology" *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, Volume II-5/W1, pp.301-306

Sylaiou, S., **Basiouka, S.,** Potsiou, C., Patias, P., 2012. "Inspection of VGI applications in Cultural Heritage". *Horografies Journal*, vol. 3, ar. 1, pp. 15 - 22, ISSN 1792-3913 (in greek). [1 citation]

Basiouka, S., Potsiou, C., 2012. "VGI in Cadastral: a Greek experiment to investigate the potential of crowd sourcing techniques in Cadastral Mapping". *Survey Review*, vol. 44 (325), April, 2012, pp. 153-161(9). [4 citations]

Potsiou, C., **Basiouka, S.,** 2012. "Security of ownership versus public benefit: a case study for land taking for infrastructure in Greece, as an EU member state". *Survey Review*, vol. 44 (325), April, 2012, pp. 111-123(13). [1 citation]

Basiouka, S., Potsiou, C., 2012. "Improving cadastral survey procedures using crowd sourcing techniques". *Coordinates Magazine*, vol. VIII, issue 10, October 2012

Kounadi, O., **Basiouka, S.,** 2010, "The phenomenon of Volunteered Geographic Information Science; The OpenstreetMap example in Athens and London". *Aeihoros Journal* 14, Special Issue, November 2010, pp 64 - 93 (in greek). [2 citations]

Haklay, M., **Basiouka, S.,** Antoniou, V., Ather, A., 2010. "How many volunteers does it take to map an area well? The Validity of Linus' Law to Volunteered Geographic Information" *The Cartographic Journal*, vol. 47 (4), November 2010, pp. 315-322(8). [69 citations].

PRESENTATIONS

Sylaiou, S., **Basiouka, S.**, Patias, P., Stylianidis, S., 2013. "The Volunteered Geographic Information in Archaeology", CIPA 2013 Symposium, Recording, Documentation and Cooperation for Cultural Heritage, XXIV International CIPA Symposium, 02 – 06 September, Strasbourg, France.

Basiouka, S., Potsiou, C., 2012. "Citizens' Motivations for introducing Crowdsourcing in the Cadastral Procedure". *Proceedings (CD) of the FIG Commission 3 και UN ECE/WPLA Workshop on "Informal Development, Property and Housing"*, 10-14 December, Athens, Greece.

Yiouroussis, A., Vavouranakis, G., Vradis, C., **Basiouka, S.**, Sylaiou, S., 2012. " Archaeological Cadastre ", *Proceedings (CD) of the 7th HellasGIS Conference*, 17 – 18 May, Athens, Greece.

Basiouka, S., Potsiou, C., 2012. "The Voluntary Contribution of Citizens in Cadastre. Crowdsourcing in Cadastre", *Proceedings (CD) of the FIG Working Week on "Knowing to manage the territory, protect the environment, evaluate the cultural heritage"*, 06 – 10 May, Rome, Italy.

Potsiou, C., **Basiouka, S.**, 2012. "The Use of Volunteered Geospatial Information and crowd sourcing techniques to improve cadastral survey procedures", *Proceedings (CD) of the Annual World Bank Conference on Land and Poverty*, 23 – 26 April, Washington D.C. U.S.A.

Basiouka, S., Potsiou, C., 2011. "A First Attempt for Using Volunteered Geographic Information and Crowd Sourcing Techniques in Cadastre" *Proceedings (CD) of the FIG Commission 3 Workshop on "The Empowerment of Local Authorities: Spatial Information and Spatial Planning Tools"*, 24 – 28 October, Paris, France

Demetriou, G., **Basiouka, S.**, Potsiou, C., Hanos, M., 2010. "Expropriations and New Motorways; Necessary Improvements of expropriations' procedures in combination to cadastral process". *Proceedings (CD) of the 3rd Hellenic Conference of Rural and Surveyor Engineers*, 17 – 18 December, Athens, Greece.

Kounadi, O., **Basiouka, S.**, 2010, "The phenomenon of Volunteered Geographic Information Science; The OpenstreetMap example in Athens and London". *Proceedings (CD) of the 6th HellasGIS Conference*, 02 – 03 December, Athens, Greece.

Potsiou, C., **Basiouka, S.**, 2010. "Land expropriation in Greece. A case study for Road Networks" *Proceedings (CD) of the FIG Commission 3 Annual Meeting on "Information and Land Management. A Decade after the Millennium"*, 14 – 17 November, Sofia, Bulgaria.

[The presentation has been awarded a prize in academic year 2010 from Thomaidio Bequest as a result of the competition entitled "Thomaidia Awards for the Progress of Science and Art"].

Basiouka, S., 2010. "The use of dynamic maps and Volunteered Geographic Information in Greece" *Proceedings (CD) of the FIG Commission 3 Annual Meeting on "Information and Land Management. A Decade after the Millennium"*, 14 – 17 November, Sofia, Bulgaria.

Haklay, M., Ather, A., **Basiouka, S.**, 2010. "How many volunteers does it take to map an area well?" *Proceedings of the GIS Research UK 18th Annual Conference GISRUK 2010*, 14 – 16 April, London, UK.

RESEARCH INTERESTS

- Implementation of Geographic Information Science in Land Administration Systems.
- Investigation of Volunteered Geographic Information in Cadastral procedures.
- Use of Open Source Data in Land Administration.
- Documentation of public and private ownership practically in terms of proper Land Management.
- Spatial Tools for preservation of Cultural Heritage.

PARTICIPATION IN RESEARCH PROJECTS

2012 – Ongoing: MC Member of the IC 1203 ENERIGIC COST ACTION (European Network Exploring Research into Geospatial Information Crowdsourcing): software and methodologies for harnessing geographic information from the crowd.

TRAINING COURSES

2008: Online Courses of “Learning ArcGIS Desktop” & “Turning Data into Information using ArcGIS 9” provided by ESRI.

2008 – 2009: Attendance of weekly CASA Seminars at the Centre for Advanced Spatial Analysis, University College London, United Kingdom.

LANGUAGES

Greek: Native

English: Fluent (Certificate of Proficiency in English from the University of Michigan in 2007, IELTS (2008), MSc in English.

French: Professional Working Level (Delf 1er Degré)