

CURRICULUM VITAE

CAREER ANNOTATION

DESCRIPTION OF SCIENTIFIC ACTIVITY

ANDRONIKI TSOUCHARAKI

June, 2018

BRIEF NOTE OF PERSONAL INFORMATION

- **Personal data**

FULL NAME	Androniki Tsouchlaraki
DATE OF BIRTH	July 5, 1966
PLACE OF BIRTH	Athens
NATIONALITY	Greek
WORKPLACE ADDRESS	Technical University of Crete School of Environmental Engineering Kounoupidiana 73100 Chania Tel., 28210 37787 Fax., 28210 37887
ADDRESS OF RESIDENCE	Sternes, Akrotiri 73100 Chania Tel., 28210 63866
CURRENT POSITIONS	Member of the Faculty and Research personnel, at the position of the Assistant Professor, (Official Government Gazette 701/21-7-2016/ is.3), Environmental Hydraulics & Geoenvironmental Engineering Division, School of Environmental Engineering, Technical University of Crete.

- **Synoptic Presentation of my Academic Career.**

Oct. 1986 – Apr. 1991	Pregraduate studies at the School of Rural and Surveying Engineering (SRSE) at the National Technical University of Athens (NTUA).
Sept. 1991 – Mar. 1997	Doctoral Research at the SRSE, NTUA, Department of Geography and Regional Planning .
Nov. 1991 – Dec. 1991	Attended a seminar on “ Integrated Land Information Systems, Methods, Technical Applications, Geographic Information Systems” , organized by the Technical Chamber of Greece (TCG).
Jul. 1992 – Aug. 1992	SUNY, College of Environmental Science and Forestry, Syracuse N.Y., educational visit as PhD

	candidate, on the subject of Environmental Simulation Models and Geographic Information Systems, funded by the project of the Geography and Regional Planning Department, SRSE, NTUA.
Jan. 1999	Attended a seminar on “Fundamental and Technical analysis”.
Oct. 1991 – 1997	Participated in the teaching of four courses of the Undergraduate Studies Program at the SRSE, NTUA, one course of the Postgraduate Studies Program, at the Mediterranean Agronomical Institute of Chania, keynote speaker in eight educational seminars for postgraduate students of various disciplines, both in Greek and English.
Sept. 1991 – Nov. 2006	Professional cooperation with research and technical companies on various development, environmental, and topographic projects.
Oct. 91 – 2002	Participated in 12 projects of the SRSE, NTUA.
Sept. 2000 – Febr.2001	Teaching of “Geodesy” and “Geographic Information Systems”, School of Environmental Engineering, TUC (Presidential Degree. 407/1980).
Nov.2001 – Mar.2003	Postgraduate Research at the NTUA, SRSE.
Jan. 2002 – Jul.2009	Consulting Professor on the Thematic Unit “Introduction on the Natural and Man-made Environment”, and on the Postgraduate project “Environmental Planning of Works of Infrastructure” at the Hellenic Open University.
Oct.2003 – Sept.2001	Supervisor of Postgraduate theses at the NTUA, as research assistant.
Oct.2002 – Jul.2004	Attended the Thematic Unit EKP65 – Open and Distant Learning, at the HOU, Postgraduate Learning for Consulting Professors.
Oct.2005 – Jul.2006	Scientific and Laboratory Coordinator at the Surveying Department, School of Technological Applications, Technological Educational Institute of Athens, for the teaching of the subject “Error Theory and Adjustment of Observations”.
Sept.2006 – Apr.2011	Lecturer, (OGG 258/31-8-2006/is.3), Department of

Environmental Hydraulics and Geoenvironmental Engineering, TUC, on the field of “ Computational Analysis of Spatial Information (Geodesy, GPS, GIS).

- Jul.1st,2008 – Oct.31st, 2011 Scientific supervisor of a basic research project of the TUC, on “Development of Indices for the recording of the environmental quality of urban streets, using GIS – GPS”.
- Sept 2006 – today supervisor of Undergraduate and Postgraduate dissertations at the TUC, as Assistant Professor.
- Sept.13 – Febr.14 Academic Sabbatical at the Harocopion University of Athens, Geography Department.
- July 2016 Tenure Assistant Professor, (OGG 701/21-7-2016, is. 3).
- Oct. 2018 Organizational supervisor of the Workshop “Capabilities of the ArcGIS platform”, 21/10/16, TUC.
- Jan 2017 Scientific supervisor and Coordinator of the seminar “Surveillance Technologies and Environmental Protection – an interdisciplinary approach”, co-organized by the TUC, TCG – Department of Western Crete, Law Association of Chania.

2. Studies

• Degrees and Dissertations

- - 1991 Diploma of Rural and Surveying Engineering, NTUA
Graduation date – April, 1991
Grade point average – 7.73 (Very Well)
Dissertation “Digitization and Documentation of the Fotodotis Christos Monastery in Danako, Naxos.
Grade – 10
Supervised by Professor D. Balodimos
Granted the Certificate of Professional Competence by the TCG in June 1991
- - 1997 Doctoral thesis in the SRSE, NTUA, on “Observation and planning of the Natural Environment – Assessment Method of the Visual

Value of Natural Relief”, supervised by Prof. C. Cassios. Date of being awarded the title of Doctor of Engineering- March 1997.

(Since 1994, according to the NTUA Senate Resolution, doctoral diplomas are not given a grading).

- 2001 -2003 Postgraduate Research at the SRSE, NTUA, on “Investigating and planning of measurement indices for the assessment and classification of landscape quality using terrestrial digital images”, supervised by Prof. A. Georgopoulos and D. Argialas, Associate Professor.

2.2 Educational Seminars

Athens, November – December 1991

Technical Chamber of Greece

Seminar “Integrated Systems of Land Information, Methods – Technical Application – Geographical Information Systems” .

Length – 150 hours

July – August 1992

State University of New York

College of Environmental Science and Forestry

Professors: Richard Hawks, Richard Sardon, James Palmer,

Lee Herrington

Athens, January 1999

Seminar – “Fundamental and Technical Analysis”

Length 25 hours

Athens, October 2003 – July 2004

Hellenic Open University

Postgraduate education – Thematic Unit EKP65, Open and Distant Learning

Length – one academic year

2.3 Scholarships – Distinctions

1987 Scholarship (on award) for outstanding performance in the undergraduate studies program, during the 1986 – 1987 academic year, by the State Scholarship Foundation (SSF)

1987 Scholarship (on award) for outstanding performance in the undergraduate studies program, during the 1987 – 1988 academic year, by the State Scholarship Foundation (SSF)

- 1991 Due to the completion of studies in 4.5 years – less than the expected length of 5 years - I was awarded the Diploma of Rural Surveying Engineer by Resolution of the NTUA Senate.
- 1991 Fourth best graduate in the SRSE out of 75 graduates.
- 1991 – 1994 Scholarship by the SSF, following written exams, for the undertaking of a Doctoral Dissertation on specialization 73085, “Urban and Regional Planning”.
- 1994 – 1997 NTUA Scholarship, by approval of the General Assembly of the SRSE, for the continuation of the Doctoral Dissertation.
- 2001- 2002 SSF Scholarship for undertaking postgraduate research on Scientific Discipline 007 “ Geography , Geology, Oceanography”, Scientific subdiscipline 007 060 “ Geodesy, Mapping, Photogrammetry and Telescopy”.
- 2003 `Hellenic Diploma of Patent, OBI, 20030100417, N.Uzuloglou, C.Cassios, S.Mougiakakou, A.Tsouchlaraki, K.Nikita, G.Matsopoulou, “Metric Arrangement of Landscape Category with Artificial Neural Networks.”

3. Educational Activities

Teaching and other educational activities in Higher Education Institutes and Technical Education Institutes.

1990 – today participated in the teaching of undergraduate courses in the School of Rural and Surveying Engineering.

Teaching of postgraduate course at the Mediterranean Agronomical Institute of Chania.

Teaching of undergraduate courses at the Geography Department of the Aegean University.

Teaching of undergraduate and postgraduate courses at the Department of Environmental Engineering, TUC.

Teaching of a Thematic unit of the postgraduate program, HOU.

Teaching of undergraduate course, Department of Surveying, School of Technological Applications, TEI of Athens.

Tutorial responsibilities include theoretical lectures and organizing – supervising of tasks, laboratories, written papers and semester assignments, in classes of 30 - 160 students, as well as the supervising of dissertations. In detail,

2006 to today, was assigned the teaching of the course “Environmental System Using Computer Aided Design”, at the School of Environmental Engineering, TUC, as Assistant Professor.

2006 to today, was assigned the teaching of the postgraduate course “Advanced Application of Geographic Information Systems in Environmental Engineering”, as Assistant Professor.

2001 to 2009 Consulting Professor in the Thematic Unit “Introduction in the Natural and Man-made Environment”, of the postgraduate program “Environmental Planning and Infrastructure Development”, at the HOU, as Consulting Professor.

2003 to 2011 Supervision of 39 postgraduate theses at the HOU, in the postgraduate program “Environmental Planning of Infrastructure Development”.

2008 to today supervision of 27 diploma and postgraduate dissertations at the TUC, School of Environmental Engineering.

2015 to today supervision of V. Dimitrakis doctoral thesis on “Analysis of seismic activity using GIS” (pending).

3.2 Teaching in Educational Seminars

Teaching in 8 educational seminars at postgraduate level, for various disciplines, held by a number of bodies, in cooperation with the Department of Geography and Regional Planning, SRSE, NTUA, on issues pertaining natural resources management, methods and techniques of assessing the environmental impact, landscape analysis and management, applications using GIS. The teaching included the theoretical presentation lecture as well as the assignment and supervision of tasks using computers.

4. Research Activities

Participation in NTUA projects.

1991- 2002 participated in 12 SRSE NTUA projects, including a full range of activities, from collecting , processing and analysis of data, to the organizing, coordinating and supervising of the scientific team.

Scientific supervisor of research projects at the TUC

July 2008 – October 2011 “Development of Indices for the recording of the Environmental Quality of city streets, using GIS – GPS”, Basic Research project, 2008, TUC.

Organizational and Scientific Supervisor of Workshops.

“the Capacities of the Arc GIS platform”, 21/10/16, TUC. In cooperation with representatives from the Data Marathon Systems company.

“Surveillance technologies and environmental protection, an interdisciplinary approach”, 13/01/17, co organized by the TUC, TCG – Department of Western Crete, and the Law Association of Chania.

Professional co operations.

1991-2004 cooperated with 12 bodies of the private and public sector, in my capacity as Rural and Surveying Engineer.

Administration Activities.

5.1 Committee member

2010-2018 membership in several committees at the TUC

5.2 Participation in general assemblies of the School.

Taking place once a month or whenever necessary.

5.3 Participation in assemblies of a special committee.

Taking place once a month or whenever necessary

Other qualifications

Foreign languages

English – TOEFL, First Certificate in English

Information Technologies

Geographic Information Systems: IDRISI, ArcGIS

Design software programs: AutoCad

Statistics software programs: SPSS

Image processing programs: CorelDraw, Photostyler

Scientific projects

A. Dissertations – Monographs

A.1 G.Achilleos, A.Tsouchlaraki, M.Savidou, Dissertation “Digitization and Documentation of the Fotodotis Christos Monastery in Danako, Naxos.”, diploma dissertation , SRSE, NTUA, 1991, 54 pages

A.2 A.Tsouchlaraki on “Observation and planning of the Natural Environment – Assessment Method of the Visual Value of Natural Relief”, Doctoral thesis, SRSE, NTUA, Department of Geography and Regional Planning, 1997, 235 pages.

- A.3** A.Tsouchlaraki, “Investigating and planning of measurement indices for the assessment and classification of landscape quality using terrestrial digital images”, Postgraduate Research at the SRSE, NTUA, 2003, 140 pages.

B. Books

- B.1a** A.Tsouchlaraki, G.Achilleos, “Hands – on learning of the GIS – the ArcGIS 9.3”, 2ND edition, 2015, Disigma Public., ISBN : 978-960-99048-4-1

- B.1b** A.Tsouchlaraki, G.Achilleos, “Hands – on learning of the GIS – the ArcGIS 9.3”, 2ND edition, 2015, Disigma Public., ISBN : 978-960-99048-4-1. (there has been a revision of the publication and the addition of one more chapter in the book

C. Chapters in Books

- C.1** Androniki Tsouchlaraki, Andreas Nikolidakis and Georgios Achilleos, “*Evaluating Environmental Quality of Urban Roads through a GIS*”, **Natural Environment and Culture in the Mediterranean Region II**, chapter twenty six, Editors: Recep Efe, Munir Ozturk and Ibrahim Atalay, Cambridge Scholars Publishing, 2011, ISBN (10): 1-4438-2986-2, ISBN (13): 978-1-4438-2986-1, pp. 339-356.

- C.2** Androniki Tsouchlaraki, Christina Gioti, Evaggelos Gidaracos, Georgios Achilleos, “*A GIS analysis of landscape categories and sensitivity levels for evaluating visual impacts of N.I.M.B.Y Technical projects*”, **Natural Environment and Culture in the Mediterranean Region II**, chapter twenty eight, Editors: Recep Efe, Munir Ozturk and Ibrahim Atalay, Cambridge Scholars Publishing, 2011, ISBN (10): 1-4438-2986-2, ISBN (13): 978-1-4438-2986-1, pp. 375-394.

- C.3** A. Tsouchlaraki, G. Achilleos, V. Mantadaki, “*Statistical Analysis of Environmental Quality Indices in an Urban Street Network*”, **Advances in Spatial Planning**, Edited by Dr. Jaroslav Burian, *INTECH*, 2012 ISBN 978-953-51-0377-6, 201, pp.197-220.

D.Publications in peer review journals

- D.1** G. Achilleos, A. Tsouchlaraki, M. Savidou, “Digitization and Documentation of the Fotodotis Christos Monastery in Danako, Naxos.”, *Technical Chronicles*, A94, vol.14, issue 3, p. 287- 305

- D.2** A.Tsouchlaraki, “Digital Virtual Relief Representation in Landscape analysis”, Technical Chronicles, TCG Public. I, issue 3, 1996, p. 27-37
- D.3** Mougiakakou S.G., Tsouchlaraki A., Cassios C., Matsopoulos G., Nikita K.S., Uzunoglou N., “*SCAPEVIEWER: Preliminary Results of a Landscape Perception Classification System based on Neural Network Technology*”, Ecological Engineering: The Journal of Ecotechnology, Vol. 24, Issues (1-2), 30 January 2005, pp.5-15, Elsevier Science Publishers BV.
- D.4** Tsouchlaraki A., “*A Quantitative Model for Evaluating Landforms Visual Value*”, International Journal of Environmental Studies, Vol.62, No. 3, June 2005, pp. 341-351, Routledge -Taylor & Francis Group.
- D.5** Tsouchlaraki A., “*A method for digital relief visualization based on terrestrial photogrammetry using GIS technology*”, International Journal of Sustainable Development and Planning, Vol. 1, No 1, 2006, pp. 110-121, WIT Press.
- D.6** Tsouchlaraki A., “*An algorithm for digital relief visualisation capable for extracting measurement information and using GIS technology*”, Geocarto International: A Multi-disciplinary Journal of Remote Sensing and GIS, Vol. 21, No 1, March 2006, pp. 71-76, Geocarto International Centre.
- D.7** Tsouchlaraki A., “*Fragmentation and complexity measures for the classification of landscape scenic beauty using digital ground photographs*”, International Journal of Ecodynamics, Vol. 1, No. 2 (2006), pp. 186-203, WIT Press.
- D.8** Tsouchlaraki A., “*Investigation of Indices for the Automated Quantification of Landscape Qualitative Characteristics using Digital Ground Photographs*” International Journal of Sustainable Planning and Development, Vol. 1, No. 2 (2006), pp. 233-249, WIT Press.
- D.9** Tsouchlaraki A., “*A landform classification method using GIS for perspective prediction and landscape visual analysis*” International Journal of Ecodynamics, Vol. 1, No. 3 (2006), pp. 298-312, WIT Press.
- D.10** Tsouchlaraki A., “*Exploring the effect of demographic elements on the evaluation of the scenic beauty of various landforms-Preliminary results*” International Journal of Design & Nature, vol. 1, No. 3 (2007), pp. 247-257, WIT Press.
- D.11** Androniki Tsouchlaraki, Eleftheria Zoaki, “*Investigation of Environmental Quality of Roads in Heraklion, Crete*”, Wseas Transactions on Environment and Development, Issue 12, Volume 4, December 2008, pp. 1131-1151.
- D.12** Theocharis Tsoutsos, Androniki Tsouchlaraki, Manolis Tsiropoulos, Michalis Serpetsidakis, “*Visual impact evaluation of a wind park in a*

Greek island”, Applied Energy, Vol. 86, Issue 4, April 2009, pp. 546-553, Elsevier.

- D.13** Tsoutsos T., Tsouchlaraki A., Tsiropoulos M., Kaldelis J., ‘*Visual impact evaluation methods of wind parks: application for a Greek Island*’, Wind Engineering, 33 (1), January 2009, pp.83-92.
- D.14** Androniki Tsouchlaraki, George Achilleos, Zoi Nasioula, Andreas Nikolidakis, “*A System for Monitoring Environmental Quality of Urban Road Network and for Supporting Decision Makers*”, Wseas Transactions on Environment and Development, Issue 3, Volume 6, pp. 208-224, March 2010.
- D.15** Zina Mitraka, Nektarios Chrysoulakis, Yiannis Kamarianakis, Panagiotis Partsinevelos, Androniki Tsouchlaraki, “*Improving the estimation of urban surface emissivity based on sub-pixel classification of high resolution satellite imagery*”, Urban Environments Special Issue of Remote Sensing of Environment, Elsevier, vol.117, pp.125-134, 2012.
- D.16** A. Tsouchlaraki, G. Achilleos, “*An extended Urban Street Network Classification Methodology: Defining the Environmental Quality Classes using Remotely Sensed Multispectral Data*”, Special Issue of Civil Engineering and Environmental Systems, Taylor & Francis, vol.29, issue 4, pp.239-254, 2012.
- D.17** Vasileios Dimitrakis, Tsouchlaraki Androniki, “*Seismic Activity Analysis Using GIS in the Western Part of Crete Island, Southern Greece*” Frontiers in Geosciences, American V-King Scientific Publishing, issue 3, vol.2, pp.41-52, 2014.
- D.18** Vasileios Dimitrakis, Tsouchlaraki Androniki, “*Using GIS in Highlighting Seismic – Safe Sites for Large Scale Buildings in the Western Part of Crete Island, Southern Greece*”, Frontiers in Geosciences, American V-King Scientific Publishing, volume 3, number 1, pp.1-10, 2015.

E. Publications in peer review Conference Proceedings

- E.1** A.Tsouchlaraki, C.Cassios, “*Assessment Model for the Visual Value of the Relief – a first approach*”, proceedings of a two day international conference on “*Methodology and research in Environmental Impact studies.*”, 4-5 Oct. 94, Delphes, p. 154-165
- E.2** C. Cassios, A.Tsouchlaraki, “*Model for Massifs management, the case of Lefka Ori*”, proceedings of a two day conference by the TCG on Tourism and Environment, 17-19 March, 1995, Heraklion, Crete, p. 168-174
- E.3** C.Cassios, K.Akrivos, G.Manouris, A.Tsouchlaraki, “*Methods and techniques of evaluating the environmental impact of roadworks and a*

- comparative investigation on legislative procedures”, proceedings of the 1st pan-Hellenic road works Conference, 4-7 Oct, 1995, Larissa, p.696- 707.
- E.4** S.G. Mougiakakou, A. Tsouchlaraki, C. Cassios, K.S. Nikita, G. Matsopoulos, N. Uzunoglu, A. Leka, "SCAPEVIEWER: A Semi-Automatic System for Landscape Quality Classification and Landscape Indices Selection," Proceedings of the Inter. Conf. on Sustainable Development Indicators in the Mineral Industries (SDIMI 2003), 21-23 May, Milos, Greece, 2003 pp. 335-340.
- E.5** A. Tsouchlaraki, G. Achilleos, “Visual Elements Inventory in Urban Landscapes: Collecting Data for a Visual Environmental G.I.S.”, Proceedings of the Fourth Inter. Conf. on Management Information Systems, incorporating GIS and Remote Sensing, 13-15 September 2004, Malaga, Spain, pp. 275-286.
- E.6** G. Achilleos, A. Tsouchlaraki, “Visibility and viewshed algorithms in an information system for environmental management”, Proceedings of the Fourth Inter. Conf. on Management Information Systems, incorporating GIS and Remote Sensing, 13-15 September 2004, Malaga, Spain, pp. 109-121.
- E.7** A. Tsouchlaraki, G. Achilleos, “Managing Visual Impacts through a GIS.; Visibility analysis for designing a Sanitary Landfill Site”, Proceedings of the Second Inter. Conf. on Waste Management and Environment, 29 September – 1 October 2004, Rhodes, Greece, pp. 439-448.
- E.8** G.A. Achilleos, A. Tsouchlaraki, “A Decision Support Indices Set (DE.S.I.S.). A primary Quantitative Evaluation Tool for Road Networks Sustainability”, Proceedings of the 11th Inter. Conf. on Urban Transport and the Environment in the 21st Century (Urban Transport 2005), 12-14 April 2005, Algavre, Portugal, pp.361-370.
- E.9** A. Tsouchlaraki, “Investigation and design of a classification and mapping system for landscape scenic quality, using digital photographs, GIS and GPS”, Proceedings of the Fifth International Conference on Ecosystems and Sustainable Development, 3-5 May 2005, Cadiz, Spain, pp. 571-579.
- E.10** A.Kotsonis, A.Tsouchlaraki, K.Arhontaki, “ Environmental Impact assessment of the P.A.Th.E highway- section of wide detour for Patra” Proceedings of the 2nd pan-Hellenic road works Conference, 18-20 May 2005, Volos.
- E.11** A. Tsouchlaraki, “Image textural measures as indices for the development of an evaluation and classification model of landscape scenic quality, using GIS”, 8th AGILE Conference on GIScience, 26-28 May 2005, Estoril, Portugal (www.agile-online.org).
- E.12** G. Papoutsakis, A. Tsouchlaraki, “Water supply management in self-governed areas with complex activity- The case of the Hellenic Naval Academy”, Proceedings of the 9th International Conference on

Environmental Science and Technology, 1-3 September 2005, Rhodes island, Greece, pp. 694-699.

- E.13** A. Tsouchlaraki, “A landform classification method with GIS for landscape visual analysis purposes”, Proceedings of the Second International Conference on Sustainable Development and Planning, 12-14 September 2005, Bologna, Italy, pp. 825-835.
- E.14** A. Tsouchlaraki, G. Achilleos, “Spatial Analysis of Visual Environmental Information in Urban Landscapes. Attempting to Detect Homogeneous Areas through a GIS”, Proceedings of the Second International Conference on Sustainable Development and Planning, 12-14 September 2005, Bologna, Italy, pp. 1599-1611.
- E.15** A. Tsouchlaraki, “An evaluation model of landforms visual value”, Proceedings of the International Workshop in Geoenvironment and Geotechnics, 12-14 September 2005, Milos island, Greece, pp. 157-162.
- E.16** A. Tsouchlaraki, “Exploring the effect of demographic elements on the evaluation of the scenic beauty of various landforms – Preliminary results” Second International Conference on Evolution, Monitoring, Simulation, Management and Remediation of the Geological Environment and Landscape, 6-8 June 2006, Rhodes island, Greece.
- E.17** Theocharis Tsoutsos, Androniki Tsouchlaraki, Manolis Tsiropoulos & John K. Kaldellis, “*The aesthetic integration of wind parks in the environment; Application in a Greek insular wind park*”, Proceedings of World Renewable Energy Congress X, Glasgow, Scotland, 19-25 July 2008.
- E.18** Androniki Tsouchlaraki, Eleftheria Zoaki, “*Environmental Quality of Roads in Heraklion, Crete*”, Proceedings of the WSEAS International Conference on Urban Planning and Transportation (UPT ‘08), July 22-24, 2008, Heraklion, Crete Island, Greece, pp. 47-55.
- E.19** N. Zois, A. Tsouchlaraki, “*Creating a database for the recording and evaluating the species of vegetation in the county of Athens, Greece*”, Proceedings of fifth International Conference on Urban Regeneration and Sustainability – The Sustainable City V, 24-26 September 2008, Skiathos, Greece, pp. 131-140.
- E.20** G. Achilleos, A. Tsouchlaraki, “*Extracting watersheds and runoff networks through digital elevation models – The influence of elevation uncertainty on the results*”, Proceedings of the 11th International Conference on Environmental Science and Technology (CEST 2009), 3-5 September 2009, Chania Crete, Greece.
- E.21** A. Tsouchlaraki, G. Achilleos, Z. Nasioula, A. Nikolidakis, “*Designing and creating a database for the environmental quality of urban roads, using GIS*”, Proceedings of the 7th WSEAS International Conference on

Environment, Ecosystems and Development (EED '09), 14-16 December 2009, Puerto De La Cruz, Canary Islands, Spain, pp. 109- 113.

- E.22** A. Tsouchlaraki, Patatoukou Maria, “*Development of Tourism and environmental impact on the Municipality of Kallithea, Rhodes*”, International Conference on Sustainable Tourism: Issues, Debates & Challenges, 22 – 25 April, 2010, Crete & Santorini.
- E.23** Tsouchlaraki A., Nikolidakis A., Achilleos G., “*Evaluating Environmental Quality of Urban Roads through a GIS*”, The 2nd International Geography Symposium – Mediterranean Environment, 2-5 June 2010, Kemer Antalya Turkey.
- E.24** Tsouchlaraki A., Gioti Ch. Gidaracos E., Achilleos G., “*A GIS analysis of Landscape Categories and Sensitivity Levels for Evaluating visual impacts of N.I.M.B.Y Technical Projects*”, The 2nd International Geography Symposium – Mediterranean Environment, 2-5 June 2010, Kemer, Antalya, Turkey.
- E.25** A. Tsouchlaraki, D. Venieri, G. Dimos, G. Achilleos, “*Spatiotemporal and qualitative analysis and evaluation of urban green, using a Geographic Information System*”, 3rd International Conference on Cartography and GIS, 15-20 June 2010, Nessebar, Bulgaria.
- E.26** A. Tsouchlaraki, G. Achilleos, A. Nikolidakis, Z. Nasioula, “*Building a Geo-Database for Urban Road Network Environmental Quality*”, 3rd International Conference on Cartography and GIS, 15-20 June 2010, Nessebar, Bulgaria.
- E.27** A. Tsouchlaraki, T. Daras, I. Apostolakis, V. Mantadaki, “*Statistical investigation of the environmental quality parameters of the Municipality of Chania urban streets*”, Third International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference, Skiathos Island, Greece, 19-24, June 2011.
- E.28** A. Tsouchlaraki, G. Achilleos, Ch Karavas, “*Surveying and Analyzing Parking Conditions in the Campus of the Technical University of Crete*”, Proceedings of the WSEAS International Conference on Urban Planning and Transportation (UPT '12), February 25-27, 2012, Cambridge, United Kingdom.
- E. 29** A. Tsouchlaraki, G. Achilleos, K. Atsalakis, “*Street Lighting in the Technical University of Crete Campus*” Proceedings of International Scientific Conference on People, Buildings and Environment 2012, November 7-9, 2012, Lednice, Czech Republic, vol.2, pp. 436-444, ISSN: 1805-6784.
- E. 30** A. Tsouchlaraki, F. Zagoritou, “*Mountainous environment enhancement and protection – The example of the mountainous village Nymphaio in*

Greece” 3rd International Geography Symposium-GEOMED2013, 10-13 June 2013, Kemer, Antalya, Turkey.

- E.31** A. Tsouchlaraki, M. Megaloikonomos, “*The contribution of GIS to the examination and definition of suitable areas for urban planning and development*”, 5th International Conference on Cartography and GIS, 15-21 June 2014, Riviera, Bulgaria, pp. 477-487.
- E32** Androniki Tsouchlaraki and Virginia Bariotaki, “*Recording and Analysis of the Reforested Areas in the Municipall Section of Akrotiri, Using GIS*”, Geomapplica Conference 2014, 8-11 September 2014, Skiathos Island, Greece, pp. 95-101.
- E33** Dimitrakis Vasileios, Tsouchlaraki Androniki, “Using GIS in estimating seismic hazard statistics in Crete island, Southern Greece”, Proceedings, 6th International Conference on Cartography and GIS, 13-17 June 2016, Albena, Bulgaria, ISSN: 1314-0604, EDS: Bandrova T., Konecny M.