

CURRICULUM VITAE

Thomas Panagopoulos

Professor at Faculty of Science and Technology

University of Algarve, Portugal

Faro

February 2013

Thomas Panagopoulos born in Larissa, Greece, graduated in Forest Engineering at the Aristotle University of Thessaloniki, Greece, M.Sc. in Renewable Natural Resources, and PhD in Forestry and Natural Environment. His main research fields are “*landscape reclamation*”, “*GIS in landscape assessment*” and “*sustainable development*”.

He has been Department Head and *Landscape Architecture* Master Degree Director at the University of Algarve, Portugal and in the Doctoral Program “*Innovation and Land Management*”. He is vice-president of the Centre of Spatial Research and Organizations (CIEO). Invited Academic Lecturer of various Universities and Research Organizations like: Michigan State University, USA, Huelva University, Spain, Agriculture University of Latvia, Jelgava, and Aristotle University of Thessaloniki, Greece. Author of more than 150 publications, he organized 15 International conferences related to *Landscape Architecture, Information and Technology, Urban Development, Environment and Sustainability*. He is coordinator or participant at various EU financed projects and national research projects.

He is at the editorial board of various national and international scientific journals: “*WSEAS Transactions on Environment and Development*”, “*Revista Ibérica de Sistemas e Tecnologias de Informação*”, “*Spatial and Organizational Dynamics - Discussion Papers*”, “*International Journal of Systems Applications, Engineering & Development*”, “*International Journal of Sustainable Agricultural Management and Informatics*”. He is member of the UNISCAPE (the European Network of Universities for the implementation of the European Landscape Convention) where he currently preparing the European Master in Landscape Conservation.

Personal data:

Full name: Thomas Panagopoulos

Date of birth: June 2, 1966

Place of birth: Larissa, Greece

Nationality: Greek and Portuguese.

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Area of scientific activity

Forestry and Environmental Science

Landscape Architecture.

Domain of specialization

Environmental/Landscape Reclamation

Landscape conservation

Land Planning and Management

Sustainable Development.

Present research interests

Brownfields. Mine reclamation. Derelict industrial land recovery. Desertification. Landscape evaluation. Decision support systems. Risk assessment, Forest externalities. Environmental impact assessment of landscape change. Geographic Information Systems in Sustainable Land Management. Causes and consequences of landscape degradation. Principles, methods and techniques of conservation, reclamation and rehabilitation of degraded areas. Sand dune restoration and conservation. Wetland restoration. River reclamation with bio engineering techniques. Post fire reforestation and forest management. WebGIS. 3D GIS. Renewable energy. Thermal comfort and energy efficiency of open spaces. Urban planning, Information and Communication Technology.

Academic degrees:

1995: PhD in Forestry and Natural Environment - Geotechnical Sciences, "*Assessment of the afforestation potentiality in the lignite mines of Ptolemaida; contributions to environment and landscape improvement*", Aristotle University of Thessaloniki, Greece.

1993: Master of Science in Renewable Natural Resources. *Early growth of Pinus nigra and Robinia pseudoacacia stands; contributions in soil genesis and landscape improvement on the lignite mine spoils of Ptolemaida*", Mediterranean Agronomic Institute of Chania, Greece (belonging to the International Centre for Advanced Mediterranean Agronomic Studies, CIHEAM).

1989: Licentiate in Forestry. Department of Forestry and Natural Environment, *Rehabilitation-revegetation of a magnesite quarry in Gerakini, Chalkidiki*, Aristotle University of Thessaloniki, Greece.

Employment:

Since 2000 Professor at the University of Algarve.

1999: Invited Professor at the University of Algarve.

1997-1999: Researcher contracted for two International research projects at the University of Algarve with subjects related to reclamation of rural areas.

1995-1997: Two years of military service in Greece, starting as soldier and finishing as Lieutenant in armoured vehicles type Leopard A1.

1993-1997: Researcher contracted for International research projects at the "Aristotle University of Thessaloniki" with subjects: 1) "Alternative uses of the abandoned arable lands". 2) "Improvement of Mediterranean rangelands". 3) "Reforestation after fire in Chalkidiki-Greece".

Other academic and professional activities

1986-1988: Member of the Senate at the Aristotle University of Thessaloniki elected as student representative.

1990-1991: Elected president of the students at the Mediterranean Agronomic Institute of Chania, Greece, representing all nationalities in the directive of the Institute.

2000/2009: Member of the scientific council of the Faculty of Natural Resources of the University of Algarve.

2001-2003: Director of the departmental area of Landscape Architecture of the Faculty of Natural Resources of the University of Algarve.

2001/2009: Member of the scientific board of the Master in Water Resources.

2001-2002: Organizer of three FULBRIGHT scholarships for distinguished professors of USA to teach in Landscape Architecture. They were selected: J. Barley, Michigan State University, L. Valência from Temple and B. Sharky, Luisiana State University.

2002/2008: Coordination of the undergraduate final thesis of the Landscape Architecture

2002/2005: Member of the coordination of the Regional Forest Plan (Plano Regional de Ordenamento Florestal do Algarve PROF) representing the University of Algarve.

2003: Membro da Comissão da criação do curso "Cinegética e gestão ambiental".

2003/2010: Member of the International Union of Forest Research Organizations (IUFRO). Member number: A-631. IUFRO Unit 1.17.01. Reclamation of mining lands. Responsável: Prof. Dr. Reinhard F. Huettl.

2003/2006: Responsible professor for the bilateral agreements of the ERASMUS SOCRATES program signing 4 agreements. Various successful exchanges occurred:

1. Aristotle University of Greece, School of Forestry and Natural Environment, (Kostas Grivas, Anthi Kopouki Papathanasiou, Maria Tompoulidou, Kostas Grivas, Giorgos Montesantos, Georgios Pasalis).
2. Mustafa Kemal University Dept. of Landscape Architecture Antakya-Hatay Turkey (Aziz Bahadır Akar, Ummuhan Demir).
3. Slovak University of Agriculture, Dept. of Landscape Architecture (Lenka Gresova, Marcela Sobcakova, Lucia Hazyova, Nina Kastelyova, Stanislava Harisová, Jana Hlavová, Petra Kozáčiková).
4. Latvia University of Agriculture. Jelgava, Latvia. (Inga Straupe, Ilze Jankovska).

2004/2010: Member of the Team-UALG - Gabinete de Relações Externas da Universidade do Algarve, with objective to transmit science to schools of the region for children target: 7-12th year. 1. Cláudia Guedes (Geografia) da E.B.2,3 das Naus-Lagos. 2. Prof. Rui Rego, Escola Internacional do Algarve, Lagoa. 3. Basic School Pinheiro e Rosa, highschool of Faro.

2004-2005: Member of the comition for the acquisition of informatics equipment for the faculty building UCTA/UCEE , Campus de Gambelas.

2004/data: Member of the World Association of Soil & Water Conservation – WASWC

2005/data: Member of the international research network minesite recultivation" (ReNet) Brandenburg University of Technology Cottbus Research Center Mining Landscapes Konrad-Wachsmann-Allee 6, D-03046 Cottbus, Germany. Prof. Dr. Werner Gerwin.

2005/data: Member of the Global Network for Environmental science and Technology. University of the Aegean, Lesvos, Greece. Prof. Dr. Th. Lekkas.

2005: Participation in a pedagogic action related with pedagogic evaluation, UALG.

2005: President of the electorate commission for the election of the Faculty Direction.

2000/2006: Member of the Master course “Dirección, Gestión y Mantenimiento Sostenible de Campos de Golf” University of Huelva, Spain. Responsible to organize “Sistemas de información geográfica (SIG) en los campos de golf”.

2006-2008: Member of the commission to adequate the course of Landscape Architecture to Bologna process.

2006-. Protocol of cooperation between University and the private enterprise SOBIOEN (TECNEIRA – Tecnologias Energéticas, S.A e a FORESTECH – Tecnologias Florestais, S.A), with objective to develop projects related to forest biomass and renewable energy.

2006-. Cooperation between University and various local associations of the forest sector and rural development with objective to help the local society:

1. CUMEADAS – Associação de Proprietários Florestais das Cumeadas do Baixo Guadiana (Nuno Lourenço).
2. Associação de Produtores Florestais da Serra do Caldeirão (APFSC) “Gestão Florestal Sustentável e Certificação na Serra do Caldeirão” (Ana Frutuoso – Técnica).
3. Associação de Industriais e Exportadores de Cortiça - AIEC/drbaa (Paula Caetano).

September 2007. Member of the panel of specialists to evaluate Innovation Research Proposals at National Level promoted from Banco Espírito Santo, S.A. and Fundação Ilídio Pinho and Siemens Portugal.

2008-. Protocol of cooperation between University and the private enterprise SAPEC Parques Industriais S.A., with objective to transform it to Eco-Industrial Park.

2005-2009: Member of the University of Algarve Senate elected to represent the professors with PhD.

2009-2011: Member of the coordination committee of the Master course in Landscape Architecture, University of Algarve.

2009-: Director of the Master course in Landscape Architecture, University of Algarve.

2009-2014. Director Delegate in the Doctoral program: Gestão de Inovação e do Território, Faculty of Economics, University of Algarve.

2010-2013: Selected member of the panel of experts for the ERASMUS MUNDUS programme, selected from “The Education Audiovisual Culture Executive Agency”, European Commission.

Editorial Board of International Journals:

1. *WSEAS Transaction on Environment and Development* (ISSN: 1790-5079), WSEAS press, Athens Greece. Indexed in SCOPUS, ect.
2. *International Journal of Systems Applications, Engineering & Development*. University Press, London, UK (<http://www.universitypress.org.uk/journals/saed/>) ISSN: 2074-1308
3. *RISTI - Revista Ibérica de Sistemas e Tecnologias de Informação*, Porto, Portugal (ISSN: 1646-9895). Indexed in ISI, LatinIndex and IEEE.
4. *Spatial and Organizational Dynamics - Discussion Papers*, University of Algarve, Faro Portugal (ISSN: 1647-3183).

5. International Journal of Sustainable Agricultural Management and Informatics. Inderscience Publishers (ISSN: 2054-5819).

International Conference Organization

- 1^a Conferência Ibérica de Sistemas e Tecnologias de Informação. 21-23 June 2006, Ofir, Portugal.
- 2nd International Conference on Energy, Environment, Ecosystems & Sustainable Development, July 11-13, 2006 Athens, Greece.
- 3rd International Conference on Energy, Environment, Ecosystems and Sustainable Development Agios Nikolaos, Crete Island, Greece, July 24-26, 2007
- 1^a Conferência sobre Edifícios Eficientes, Faculdade de Ciências do Mar e do Ambiente, Universidade do Algarve, 25 de Janeiro de 2008.
- 1st WSEAS International Conference on Landscape Architecture, Faro, Portugal, June 11-13, 2008.
- 4th International Conference on Energy, Environment, Ecosystems and Sustainable Development, Faro, Algarve, Portugal, June 11-13, 2008
- 1st Int. Conference on Knowledge management in small and medium sized towns, Faro, Portugal, December 4-5, 2008.
- 2nd Conf. on Urban Planning and Transportation, Rhodes, Greece, July 22-24, 2009.
- Land Management for Urban Dynamics, Faro, Portugal, 12-15 October, 2009.
- 3rd Conf. on Materials Science (MATERIALS '10), Faro, Portugal, November 3-5, 2010.
- 3rd Conf. on Urban Rehabilitation and Sustainability, Faro, Portugal, November 3-5, 2010.
- 12th Conf. on Mathematical and Computational Methods in Science and Engineering (MACMESE '10), Faro, Portugal, November 3-5, 2010.
- 3rd Conf. on Climate Change, Global Warming and Biological Problems, Faro, Portugal, November 3-5, 2010.
- 3rd Conf. on Natural Hazards (NAHA '10), Faro, Portugal, November 3-5, 2010.
- 7th Conf. on Data Networks, Communications, Computers (DNCOCO '10), Faro, Portugal, November 3-5, 2010.
- 3rd Conf. on Sensors and Signals (SENSIG '10), Faro, Portugal, November 3-5, 2010.

- 3rd Conf. on Visualization, Imaging and Simulation (VIS '10), Faro, Portugal, November 3-5, 2010.
- 4th COST Action TU0801 meeting on: Semantic enrichment of 3d city models for sustainable urban development. Faro, 4-5 November 2010.
- 7th International Conference on Energy, Environment, Ecosystems & Sustainable Development, Angers, France, November 17-19, 2011.
- 4th WSEAS International Conference on Landscape Architecture, Angers, France, November 17-19, 2011.
- 8th International Conference on Energy, Environment, Ecosystems & Sustainable Development, May 2-4, 2012, Faro, Portugal.
- 5th WSEAS International Conference on Landscape Architecture, May 2-4, 2012 Faro, Portugal.

Reviewer in scientific journals and conferences:

- *Journal of Environmental Management* (8)
- *Environmental Management* (3)
- *Landscape and Urban Planning* (1)
- *Scientia Agricola* (1)
- *Transactions on Environment and Development*, WSEAS press Athens, Greece (9).
- 7th WSEAS International Conference on Mathematics and Computers in Business and Economics (1).
- 1^a Conferência Ibérica de Sistemas e Tecnologias de Informação. Ofir, Portugal (3).
- International Conference on Energy, Environment, Ecosystems & Sustainable Development, July 11-13, 2006 Athens, Greece (3).
- International Conference on Energy, Environment, Ecosystems & Sustainable Development, July 24-26, 2007, Agios Nicolaos, Greece (7).
- 2^a Conferência Ibérica de Sistemas e Tecnologias de Informação. 21-23 Junho de 2007, Porto, Portugal, (3).
- American Society of Mining and Reclamation, Richmond VA, New Opportunities to Apply Our Science, June 14-19, 2008 (1).
- 3^a Conferência Ibérica de Sistemas e Tecnologias de Informação. Ourense, Espanha, 19-21 de Junho de 2008 (9).
- 4th International Conference on Energy, Environment, Ecosystems & Sustainable Development, June 11-13, 2008, Faro, Portugal (30).
- 1st WSEAS International Conference on Landscape Architecture, June 11-13, 2008 Faro, Portugal (21).
- International conference on Knowledge in Small and Medium Sized Towns, Faculdade de Economia, Ualg, Faro, Portugal, December 4-5, 2008 (2).
- 4^a Conferência Ibérica de Sistemas e Tecnologias de Informação. 17-20 de Junho de 2009, Póvoa de Varzim, Portugal (5).

Scientific committee in conferences

- 1ª Conferência Ibérica de Sistemas e Tecnologias de Informação. 21-23 Junho de 2006, Ofir, Portugal.
- 2nd International Conference on Energy, Environment, Ecosystems & Sustainable Development, July 11-13, 2006 Athens, Greece.
- 2ª Conferência Ibérica de Sistemas e Tecnologias de Informação. 21-23 Junho de 2007, Porto, Portugal.
- 3rd International Conference on Energy, Environment, Ecosystems and Sustainable Development Agios Nikolaos, Crete Island, Greece, July 24-26, 2007
- 1ª Conferência sobre Edifícios Eficientes, Faculdade de Ciências do Mar e do Ambiente, Universidade do Algarve, 25 de Janeiro de 2008.
- 3ª Conferência Ibérica de Sistemas e Tecnologias de Informação, Ourense, Espanha, 19-21 de Junho de 2008.
- The 1st WSEAS International Conference on Landscape Architecture, Faro, Algarve, Portugal, June 11-13, 2008.
- 4th International Conference on Energy, Environment, Ecosystems and Sustainable Development, Faro, Algarve, Portugal, June 11-13, 2008.
- International conference on Knowledge in Small and Medium Sized Towns, Faculdade de Economia, Ualg, Faro, Portugal, December 4-5, 2008.
- 4ª Conferência Ibérica de Sistemas e Tecnologias de Informação. 17-20 de Junho de 2009, Póvoa de Varzim, Portugal.
- The 2nd International Conference on LANDSCAPE ARCHITECTURE (LA'09) Athens, Greece, September 28-30, 2009.
- The 5th International Conference on ENERGY, ENVIRONMENT, ECOSYSTEMS and SUSTAINABLE DEVELOPMENT (EEESD'09), Athens, Greece, September 28-30, 2009.
- 1st International Conference on Land Management and Urban Dynamics (LMUD'09) Faro, Portugal, 7-11 October 2009.
- 3rd Conf. on Urban Rehabilitation and Sustainability, Faro, Portugal, November 3-5, 2010.
- 12th Conf. on Mathematical and Computational Methods in Science and Engineering (MACMESE '10), Faro, Portugal, November 3-5, 2010.
- 3rd Conf. on Climate Change, Global Warming and Biological Problems, Faro, Portugal, November 3-5, 2010.
- 3rd Conf. on Natural Hazards (NAHA '10), Faro, Portugal, November 3-5, 2010.
- 7th Conf. on Data Networks, Communications, Computers (DNCOCO '10), Faro, Portugal, November 3-5, 2010.
- 3rd Conf. on Visualization, Imaging and Simulation (VIS '10), Faro, Portugal, November 3-5, 2010.
- 4th COST Action TU0801 meeting on: Semantic enrichment of 3d city models for sustainable urban development. Faro, 4-5 November 2010.
- 7th International Conference on Energy, Environment, Ecosystems & Sustainable Development, Angers, France, November 17-19, 2011

- 4th WSEAS International Conference on Landscape Architecture, Angers, France, November 17-19, 2011
- 8th International Conference on Energy, Environment, Ecosystems & Sustainable Development, May 2-4, 2012, Faro, Portugal
- 5th WSEAS International Conference on Landscape Architecture, May 2-4, 2012 Faro, Portugal

Supervision of undergraduate and Post-graduate studies:

Member of the Coordination board of the PhD program: Innovation and Land Use Management, in the Faculty of Economics, University of Algarve.

The PHD Programme in Innovation and Land Use Management has a scholar training with four trimesters and two years of seminars and thesis development.

Specific Goals

»» To form researchers able to promote a scientific research in the area of the spatial dynamics and organization, taking in consideration the creation of multidisciplinary scientific knowledge related with innovation, sustainability and spatial organization;

»» To transmit the most recent knowledge and best-practices in the area of strategic management, human resources and entrepreneurship, in a constant relationship with Land Use;

»» To stimulate Innovation and the development of new processes and products with the help of planning processes and knowledge management;

»» To intensify the general comprehension of the main stakeholders of the economic activity and their ability to interact with the surrounding environment;

»» To intensify training in methods and advanced techniques of spatial analysis;

»» To take advantage from the excellence, in terms of specialization in the area of Economy and Management of Innovation and Regional Development, that exists in the Research Centre for Spatial and Organizational Dynamics (CIEO) at the University of Algarve, promoting the development of the center;

»» To benefit from the existing skills of CIEO and other affiliated centres and to spread the existent scientific knowledge, together with strategic management, human resources and entrepreneurship;

»» To improve partnership with Universities and with entrepreneurial platforms such as Platform to the Entrepreneurial Development of Algarve for scientific advances.

Participation as supervisor in Program Leonardo da Vinci

PROYECTO DE MOVILIDAD EUROPASS (Nº ES/10/2009/07-150182/006/PT/10),
Proposal: Desarrollo Sostenible y Medio Ambiente – DEMA.

1. Villanueva Mejías Maria, 2008. Enquadramento paisagístico de novos parques industriais. CIEO, UALG.

2. Barragán Andrade Esther, 2008. Valorização dos Recursos Silvestres do Mediterrâneo, CIEO, UALG.

3. Martín Sánchez Silvia, 2008. Monitorização do estudo de impacte ambiental do Parque Industrial da Santa Margarida, Tavira. CIEO, UALG.
4. Pérez Vásquez Andrés, 2009. Enquadramento paisagístico e gestão eco-industrial de novos parques industriais. CIEO, UALG.

Orientation of Erasmus Mundus - External Cooperation Window

Professor Avezbaev Sadulla short duration course in CIEO from Professor Thomas Panagopoulos for Erasmus Mundus - External Cooperation Window. Uzbekistan, Tashkent Institute of Irrigation and Melioration, Dean of faculty “Land management and Land cadastre”.

Pos-doctoral coordination

2007: Jorge Jesus: "Geographic Information System and Fuzzy Logic for environmental pathogen modelling" (candidatura na FCT: SFRH/BPD/34993/2007). FCT, Universidade do Algarve.

2009: Sort term Scientific mission of Elena Berte from Trento University, Italy to CIEO for the COST grand: Land Management for Urban Dynamics.

2010: Elena Berte. FP7-PEOPLE-2010-IEF: Supporting contemporary cultural landscapes development through renewable energies and social support.

PhD coordination

1. Luís Carlos Loures. PhD Title: “Planning and design in postindustrial land transformation: east bank Arade river, Lagoa” Scientific area: Architecture and Urbanism.
2. Bibiana Ramos. PhD Title: “Aesthetics and visual impact assessment in landscape reclamation projects”. Scientific area: Environmental Planning
3. Vera Ferreira. PhD Title: “Erosion risk assessment based on climate change and renewable energy scenarios”. Scientific area: Environmental Planning
4. Antonio Xavier. PhD Title: “A model for sustainable management of the Mediterranean forests for fire risk prevention and renewable energy from biomass production”. Scientific area: Agriculture and Environment.
5. Lourdes Martínez Núñez-Universidade de Vigo. PhD Title: Scientific area: Agriculture and Environment.

6. Jose Antonio Gonzales Duque-Universidade de Huelva. PhD Title: Desarrollo de Módulos Paisajísticos para la Valoración del Paisaje Vegetal Urbano. Scientific area: Environmental Planning

Director of Master Degree in Landscape Architecture

Registered in DGES (Portugal) with the number R/B-Cr 81/2009

Degree Director: Prof. Thomas Panagopoulos

The Master in Landscape Architecture is a two-year degree with 120 ECTS. The curriculum includes an organized set of curricular units corresponding to 75 ECTS plus a dissertation corresponding to 45 ECTS.

The optional curricular units may be chosen from the Bachelor degree in Landscape Architecture in order to compensate deficiencies from basic formation or from other courses of the University of the Algarve or from another University of the European space. This will be determined in accordance with the advice of the Master degree director.

Objectives

The main objective of the Master in Landscape Architecture is to form professionals with wide technical and scientific background in Landscape Architecture and with the necessary abilities to exercise the profession in Portugal and Europe, as demanded from the Portuguese Association of Landscape Architecture (APAP) and the European Foundation of Landscape Architecture (EFLA) and capable to innovate and to strengthen the scientific research in the key areas of analysis and representation, landscape design project, management and planning of landscape and land. More specific objectives include:

- Compliance with the Bologna principles, including teaching methodologies, duration, employability, and mobility;
- To enable a seamless integration in companies and organizations, by introducing topics such as economical aspects in landscape architecture project management, and atelier organization;
- To develop the interest by research activities and provide some of the required background for subsequent PhD programs.

Supervision of Master level students

2008: Martin Sebastian Lassen. Master title: “Water Use and Conservation at the Environmental Protection Area of Brilhante, Santa Catarina - Brazil”. Erasmus Mundus Joint Master in Water and Coastal Management.

2008: Maria José Moreira. Master title: Reabilitação da rede dos corredores verdes da Serpa como instrumento de desenvolvimento sustentável. Instituição responsável: Faculdade de Economia, University of Algarve.

2009: Marques Afonso. Master title: Land use and vegetation cover changes and its impact on erosion in the Alqueva dam watershed. Mestrado em recursos Hídricos.

2009: Joana Carina Louzeiro Nunes Ribeiro. Master title: O Aproveitamento Energético Sustentável da Biomassa Florestal – O Caso da Herdade da Parra. Mestrado em Gestão Sustentável em Espaços Rurais. Instituição responsável: IP Beja.

2009: Christina Grilo. Master tile: Sistemas de informação geográfica na gestão das pedreiras do Algarve. Mestrado em Inovação e Empeendorismo. Instituição responsável: Faculdade de Economia.

Supervision of undergraduate student Thesis

1. Jesus, Jorge S., 2002. Aplicação da geoestatística e de sistemas de informação geográfica à experimentação em regadio. Curso de Engenharia Agronómica –Ramo Hortofruticultura, FERN, UALG.
2. Frutuoso, Ana L.M., 2003. Caracterização do aproveitamento de cogumelos silvestres, em S. Marcos da serra e Monchique. Estudo das condições para uma gestão sustentável. Curso de Engenharia do Ambiente, FCMA, UALG.
3. Grivas, Kostantinos 2004. Environmental impact assessment of a riverside meadow landscape conversion to a Golf site. Curso de engenharia Florestal e Ambiente, Aristotle University, UALG (ERASMUS bilateral agreement).
4. Ramos Bibiana M.B.R. 2004. Recuperação ambiental e paisagística de pedreiras. Curso de Arquitectura Paisagista, FERN, UALG.
5. Oliveira Pais, Anabela, 2004. Mapeamento das características qualitativas da laranja ‘Navelina’ e efeito de tratamentos pós-colheita na capacidade de conservação. Curso de Engenharia Agronómica - Ramo Hortofruticultura, FERN, UALG.
6. Kopouki Papathanasiou, Anthi 2005. Landscape reclamation of sand dunes, the case study of Faro barrier islands of Ria Formosa. Curso de engenharia Florestal e Ambiente, Aristotle University, UALG (ERASMUS bilateral agreement).
7. Tompoulidou, Maria 2005. Landscape renaturalization: the case study of Faro barrier islands of Ria Formosa. Curso de engenharia Florestal e Ambiente, Aristotle University, UALG (ERASMUS bilateral agreement).
8. Costa Cruz, Sergio 2005. Sistemas de apoio de decisão na optimização da produtividade e qualidade de Kiwis. Curso de Engenharia Agronómica - Ramo Hortofruticultura, FERN, UALG.

9. Gomes S., Laura 2005. Caracterização e análise biofísica das dunas litorais da mata Nacional de Vila Real de Santo António: estudo prévio do parque de lazer de Monde Gordo. Curso de Arquitectura Paisagista, FERN, UALG.
10. Pedro Miguel Graça de Medonça Vargues 2006. Avaliação de impacte visual do campo de golfe da Quinta da Ombria - Querença. Curso de Arquitectura Paisagista, FERN, UALG.
11. Tzimas Kostantine 2006. Slope reclamation with bioengineering techniques in Querença, Loulé. Curso de Arquitectura Paisagista, FERN, UALG.
12. Montesantos Georgios 2006. Landscape reclamation with bioengineering techniques in Quinta da Ombria. Curso de Arquitectura Paisagista, FERN, UALG.
13. Dina Isabel Rodrigues de Horta 2006 Estratégias de design na recuperação de paisagens industriais degradadas. Curso de Arquitectura Paisagista, FERN, UALG.
14. Andreia Santos 2006. Contributos da caracterização biofísica, estética e sócio-cultural no processo de avaliação, planeamento, concepção e recuperação da paisagem industrial da foz do rio Arade. Curso de Arquitectura Paisagista, FERN, UALG.
15. Rita Alexandra Correia Matias 2006. Recuperação paisagística de pedreiras de calçada no Algarve, Funchais, São Brás de Alportel. Curso de Arquitectura Paisagista, FERN, UALG.
16. Lopes, Natércia 2006. Recuperação paisagística de linhas de água no Algarve em zonas peri-urbanas. Curso de Arquitectura Paisagista, FERN, UALG.
17. Marina Vidic, 2007. Avaliação da estética e do impacto visual dos campos de golfe na paisagem Mediterrânea, medidas de mitigação. Curso de Arquitectura Paisagista, FERN, UALG.
18. Vera Lúcia Guerreiro dos Santos 2007. Paisagem florestal. Que futuro? Curso de Arquitectura Paisagista, FERN, UALG.
19. Ana Patrícia Santos Oliveira, 2007. Recuperação da Paisagem Protegida da Serra de Montejunto. Curso de Arquitectura Paisagista, FERN, UALG.
20. Simões, Ana Rita, 2007. Recuperação da Paisagem Ribeirinha da Freguesia de Ferragudo. Curso de Arquitectura Paisagista, FERN, UALG.
21. Sequeira Coelho Nunes, Rui Pedro, 2007. Flora e vegetação do Algarve com interesse paisagístico. Curso de Arquitectura Paisagista, FERN, UALG.
22. Maria Cristina Almeida Marques das Dores Carraça, 2007. Desenvolvimento sustentável do parque industrial da SAPEC bay, Tróia, Setúbal. Curso de Arquitectura Paisagista, FERN, UALG.

23. Eugénio Guerreiro, 2007. Planeamento, Ordenamento e Gestão Florestal Sustentável. O Caso da Zif do Arade. Curso de Engenharia Agronómica - Ramo Hortofruticultura, FERN, UALG.
24. Ana Almeida Nunes 2007. Requalificação do acesso e entrada da Fortaleza de Sagres em Vila do Bispo. Curso de Arquitectura Paisagista, FERN, UALG.
25. Patrícia S. P. Duarte Pedro Mouga Gomes, 2008. Oportunidades para um novo design sustentável Recuperação e revitalização do parque urbano, Stanaway Park, Dublin. Curso de Arquitectura Paisagista, FERN, UALG.
26. Suse Paula Silvestre Dias 2008. Recuperação da Paisagem: Análise comparativa entre a Estonia e Portugal. Curso de Arquitectura Paisagista, FERN, UALG.
27. Passalis, Georgios 2008. Environmental monitoring at the new industrial area of Sta Margarida, Portugal. Curso de engenharia Florestal e Ambiente, Aristotle University, UALG (ERASMUS bilateral agreement).
28. José Artur Teixeira Vanzeler de Melo, n.º241. 2009. Sistemas de Informação Geografica na Gestão Sustentável de Campos de Golfe Curso de Engenharia Agronómica - Ramo Hortofruticultura, FERN, UALG.
29. Rita dos Reis Andrade, 2009. Recuperação de Zonas Industriais Degradadas: o caso de Vila Real de Santo António. Curso de Arquitectura Paisagista, FCT, UALG.
30. Pedro Bernal Gil. Nº 38157. 2009. Recuperação Dunar. Praia de Ancão- Garrão. (ERASMUS, Huelva, Espanha) Curso de Arquitectura Paisagista, FCT, UALG.
31. Francisco Rojas Parrilla Nº 38156. 2009. Percurso Pedestre na Ria Formosa, Praia de Faro. (ERASMUS, Huelva, Espanha) Curso de Arquitectura Paisagista, FCT, UALG.
32. Javier Castrillon Sanchez, 2010. Urban Forestry Planning and Management of Urban Green Spaces. (ERASMUS, Huelva, Espanha) Curso de Arquitectura Paisagista, FCT, UALG.

Supervision of fellows in ignition of research

Telma Martins. BII/UNI/4020/SADG/2009

Filipa Freitas. BII/UNI/4020/SADG/2009

Vera Ferreira. BI/PTDC/AAC-AMB/102173/2008

Research Unit

In 2007 cofounded the Research Centre for Spatial and Organizational Dynamics (CIEO - Centro de Investigação sobre o Espaço e as Organizações).

International evaluation FCT (2008): Very good.

Vice-president of this research center and leader of the group A: Spatial organization/Innovation/Sustainability (with 33 members from which 16 are PhD members).

CIEO aim to stimulate and develop multidisciplinary scientific research in: Geography, Sociology, Economy, Management and Sustainable Development; diffuse scientific knowledge in sustainability and spatial organisation articulated with strategic management, human resources and entrepreneurship; apply knowledge at the levels of planning and decisional process by permanently interacting with firms, policy makers and the society in general.

Number of publications in peer review international journals registered in the name of University of Algarve: 2007: 17; 2008: 26; 2009: 26. Total publications in 3 years: 363. Main projects: International: 8, National: 6, private sector: 3. During the last 3 years CIEO organized 20 seminars, 4 national conferences and 8 international conferences.

CIEO is member of UNISCAPE (the European Network of Universities for the implementation of the European Landscape Convention) and is preparing a European Master in Landscape Conservation.

International research projects

1993-1996: Researcher in Aristotle University of Thessaloniki:

1) Alternative Agricultural land-use with fast growing trees (Project n° 2896)

Duration: 1st January 1993 to 31st December 1996

Financing: AIR3 - CT92-0134

Partners: France- INRA, CEMAGREF, IDF, AFOCEL; United Kingdom- MLURI, IGER, QUB, UWB, FC, ISSA; Portugal- UTAD, ESAC, ESAB; Netherlands- IBN/DLO; Greece- LARS/AUTH, Coordinator: Daniel Auclair (INRA, França)

2) "*Valorization and improvement of Mediterranean rangelands*". (Project 25646)

3) "*Assesment of Reforestation in Northeast Chalkidiki-Greece with productive, protective and landscape objectives*". (Project 1570)

1997-1999: "Em torno da cabra Algarvia-valorização da caprinicultura na Serra do Caldeirão". Financing: ARINCO 95PT06002. Investigador de estudo do impacto ambiental - identificação de uma rede de locais de amostragem e acompanhamento da evolução dos solos, resultante da caprinicultura e das alterações nela introduzidas.

1999–2002: Control of salination and combating desertification effects in the Mediterranean region. Phase II. Programa INCO-DC ERBICn°18-CT98-0266

Responsável: José Beltrão (Ualg).

2005-2010: "*Long term ecological research program for monitoring aeolian soil erosion*" (CALTER). Programa FP6-2003-INCO-Russia+NIS-1 (No:516721).

Responsável: Bem Gurion University, Israel, Dr. Leah Orlovsky

Financiamento EU: 670040 €.

2007-2011: COST Action TU0602: Land Management for Urban Dynamics. (COST-European COoperation in Science and Technology). 19 countries, Financed from ESF, EU: 360.000€

2008-2012: COST Action TU0801: Semantic enrichment of 3d city models for sustainable urban development. 23 countries Financed from ESF, EU: 360.000€

2009-2012: "[An Integrated European Model to PROTECT MEDiteranean Forests from Fire](#)" Financing from MED Program, EU, ([1G-MED08-387 / PROTECT](#)).

Project value: 1.171.105 € (UALG: 119.150 euro).

2009-2013: COST Action FA0901: Putting Halophytes to Work - From Genes to Ecosystems. Member of the Working group 4: "Halophyte utilization - agronomic, restorative and economic aspects". 25 countries, Financed from ESF, EU: 360.000€

2009-2013: COST Action COST Action TU0803: Cities Regrowing Smaller – Fostering Knowledge on Regeneration Strategies in Shrinking Cities across Europe. 23 countries, Financed from ESF, EU: 360.000€

2011-2015: COST Action IS1101: Climate Change and Migration: Knowledge, Law and Policy and Theory. 14 countries, Financed from ESF, EU: 320.000€

2012-2016: COST Action ES1104, Arid Lands Restoration and Combat of Desertification: Setting Up a Drylands and Desert Restoration Hub. 21 countries, Financed from ESF, EU: 400.000€

2013-2017: COST Action FP1204, Green Infrastructure approach: linking environmental with social aspects in studying and managing urban forests. Participation of 20 countries Financed from ESF, EU: 750.000€

National research projects in Portugal

2007-2009: “Monitorização ambiental do Projecto da construção da nova Zona Industrial da Sta Margarida, Tavira”. Protocolo de colaboração entre CIEO e EMPET. Montante do projecto: 125.000 Euros.

2010-2012: “Predicting risk of soil degradation associated with biomass production and landuse changes at the Alqueva dam watershed.” PTDC/AAC-AMB/102173/2008. Financiado pela FCT: 83020 euros.

2001-2004: Regularidade produtiva, qualidade e conservação dos frutos de actínídea nas regiões de Entre-Douro e Minho e Beira Litoral, Programa Agro/medida 8.1/nº 231. Montante do projecto: 167 750,72 Euros.

2004-2006: Demonstração e promoção de práticas agrícolas que assegurem a qualidade e segurança alimentar e que minimizem o impacto ambiental da cultura da actnídia. Programa Agro/medida 8.1/ nº 688. Montante do projecto: 215.800,00 Euros.

2004-2007: Coberturas do solo no olival em produção biológica e convencional. Estabelecimento de campos de demonstração. Programa Agro nº 802. Montante do projecto: 180000 Euros.

2010: Valorização dos Recursos Silvestres do Mediterrâneo - Uma estratégia para as áreas de baixa densidade do sul de Portugal. Projecto PROVERE. QREN: 19000 Euros.

Some selected publications:

Books

1. **Panagopoulos**, T., Stamatiou, E., Laroix, R.N., Lagos, D., Retalis, A., Markatos, N., Stamou, A., Helmis, C., Rigas, F., Dasenakis, M., Zouboulis, A.I., Hatzopoulou, A., Georgi, J. 2006. Proceedings of the 2nd *International Conference on Energy, Environment, Ecosystems & Sustainable Development*, July 11-13, 2006 Athens, Greece, WSEAS Press, Athens (ISBN: 960-8457-48-3).
2. **Panagopoulos** T. et al. Guest Editor: *WSEAS Transactions on Environment and Development*, Vol.2, Issue 4, 2006, pp. 217-474 (ISSN: 1790-5079).
3. **Panagopoulos** T. et al. Guest Editor: *WSEAS Transactions on Environment and Development*, Vol.2, Issue 5, 2006, pp. 475-697 (ISSN: 1790-5079).
4. **Panagopoulos** T. et al. Guest Editor: *WSEAS Transactions on Environment and Development*, Vol.2, Issue 6, 2006, pp.699-942 (ISSN: 1790-5079).
5. Markatos N., Stamou A., Beltrao J., **Panagopoulos** T., Helmis C., Stamatiou E., Hatzopoulou A., Antunes MDC. (eds). 2007. *Energy, Environment, Ecosystems and Sustainable Development*. WSEAS Press, Athens, (ISBN: 978-960-8457-88-1), 654pp.
6. **Panagopoulos** T., Noronha V.T., Antunes M.D.C, (eds) 2008. *New Aspects of Energy, Environment, Ecosystems and Sustainable Development*. WSEAS Press, Athens, Greece (ISBN: 978-960-6766-71-8), 588pp.
7. **Panagopoulos** T., Burley J.B. (eds) 2008. *New Aspects of Landscape Architecture*. WSEAS Press, Athens, Greece (ISBN: 978-960-6766-72-5), 189pp.
8. **Panagopoulos** T., Burley J.B., Celikyay S. (eds) 2008. *New Aspects of Urban Planning and Transportation*. WSEAS Press, Athens, Greece (ISBN: 978-960-6766-87-9), 127pp.
9. Mastorakis, N., Helmis, C., Papageorgiou, C.D., Bulucea, C.A., **Panagopoulos**, T. 2009. *Energy, Environment, Ecosystems, Development and Landscape Architecture*. WSEAS Press, Athens, Greece (ISBN: 978-960-474-125-0), 369pp.
10. **Panagopoulos**, T. 2009. "New Models for Innovative Management and Urban Dynamics", University of Algarve, Faro, Portugal, (ISBN: 978-972-9341-85-4), 134pp.

11. **Panagopoulos, T.**, Noronha T., Beltrao, J. 2010. "Advances in Urban Rehabilitation and Sustainability", Wseas Press, Faro, Portugal, (ISBN: 978-960-474-244-8), 185pp.
12. **Panagopoulos, T.** 2010. "Advances in Climate Change, Global Warming, Biological Problems and Natural Hazards", Wseas Press, Faro, Portugal, (ISBN: 978-960-474-247-9), 130pp.
13. Thomas, G., Fleurant, C., **Panagopoulos, T.**, Chevassus-Lozza, E., Zaharim, A., Sopian, K. 2011. "Recent Researches in Energy, Environment and Landscape Architecture", Wseas Press, Angers, France, (ISBN: 978-1-61804-052-7), 182pp.
14. Thomas, G., Fleurant, C., **Panagopoulos, T.**, Chevassus-Lozza, E. Strouhal, J. 2011. "Recent Researches on Economy and Management Transformation", Wseas Press, Angers, France, (ISBN: 978-1-61804-053-4), 168pp.
15. Ramos, R.A.R., Straupe, I., **Panagopoulos, T.**, 2012. "Recent Researches in Environment, Energy Systems and Sustainability ", Wseas Press, Faro, Portugal, (ISBN: 978-1-61804-088-6), 297pp.
16. Burley, J., Loures, L., **Panagopoulos, T.**, 2012. "Recent Researches in Environmental Science and Landscaping", Wseas Press, Faro, Portugal, (ISBN: 978-1-61804-090-9), 226pp.

Book chapters:

1. **Panagopoulos, T.** 1995. Reclamation of sites mined for lignite in Northern Greece. In *Desertification in a European context: physical and socio-economic aspects*. Fantechi, R., Balabanis, P.P., Rubio, J.L. (Eds). Office for Official Publications of the European Communities, Luxembourg, pp:575-582. (ISBN: 92-827-4163-X)
2. **Panagopoulos, T.** 2001. The role of Geographic Information Systems in visual landscape management and visual impact assessment. In Radoglou, K. (Ed.), *Forest research: a challenge for an integrated European approach*, NAGREF editions, Thessaloniki, Greece, pp.79-82. (ISBN: 960-869-47-4-4).
3. Loures L., **Panagopoulos T.**, 2006. 'Rural landscape rehabilitation in Algarve, Portugal'. In Lafortortezza, L and Sanesi, G. (Eds.) *Patterns and Processes in Forest Landscapes, Consequences of Human Management*, Accademia Italiana di Scienze Florestali, Firenze, Italy, pp:273-277 (ISBN: 88-88793-03-8).
4. **Panagopoulos, T.** and Frutuoso, A.L. 2006. Landscape preferences for edible mushroom harvests in Monchique, Portugal. In Lafortortezza, L and Sanesi, G. (Eds.) *Patterns and Processes in Forest Landscapes, Consequences of Human*

- Management*, Accademia Italiana di Scienze Florestali, Firenze, Italy pp:267-271 (ISBN: 88-88793-03-8).
5. **Panagopoulos**, T. and Vargues, P.M. 2006. Visual impact assessment of a golf course in a Mediterranean forest landscape. In Lafortortezza, L and Sanesi, G. (Eds.) *Patterns and Processes in Forest Landscapes, Consequences of Human Management*, Accademia Italiana di Scienze Florestali, Firenze, Italy, pp:279-285 (ISBN: 88-88793-03-8).
 6. **Panagopoulos**, T. 2007. The use of geostatistical techniques applied to soil conservation of low density woodlands. In *Eco- and Ground Bio-Engineering: The Use of Vegetation to Improve Slope Stability*. Stokes A., Spanos I., Norris J., Cammeraat, L.H. (Eds). Springer, Kluwer Academic Publishers, Dordrecht, pp.239-246 (ISBN: 978-1-4020-5592-8).
 7. Loures L., **Panagopoulos** T., 2007. Sustainable reclamation of industrial areas in urban landscapes. In Kungolas, A, Brebbia, C.A. and Beriatos, E. (eds) *Sustainable Development and Planning III*, WIT Press, Southampton, pp. 791-800 (ISBN: 978-1-84564-102-3).
 8. **Panagopoulos**, T. 2007. Assessment of reclamation potentiality in the lignite mines of northern Greece. In R.I. Barnhisel (Ed.) *Thirty Years of Surface Mine Control and Reclamation Act and Beyond*. Published by the American Society of Mining and Reclamation (ASMR), 3134 Montavesta Rd., Lexington, KY 40502, pp. 602-610.
 9. **Panagopoulos**, T., Matias, R., Ramos, B. 2007. Visual impact and reclamation of limestone quarries in Algarve Portugal. In R.I. Barnhisel (Ed.) *Thirty Years of Surface Mine Control and Reclamation Act and Beyond* Published by the American Society of Mining and Reclamation (ASMR), 3134 Montavesta Rd., Lexington, KY 40502, pp. 611-617.
 10. **Panagopoulos**, T, Jesus, J., Blumberg, D. Orlovsky, L., 2008. Development of a web-based geographic information system for monitoring aeolian soil erosion in Aral Sea. In Eds. Gabriels, D, Cornelis, W., Eyletters, M., Hollebosch, P. *Combating Desertification, Assessment, Adaptation and Mitigation Strategies*. UNESCO chair of Eremology, Ghent, Belgium, pp: 92-99. (ISBN: 978-90-5989-271-2).
 11. **Panagopoulos** T. 2009. From industrial to postindustrial landscapes – brownfield regeneration in shrinking cities. In Eds. Mastorakis, N., Jha, M. *Recent Advances in Urban Planning and Transportation*, WSEAS Press, Athens, pp: 51-57. ISBN: 978-960-474-102-1.
 12. **Panagopoulos**, T., 2009. Introduction on New Models for Innovative Management and Urban Dynamics. In Panagopoulos, T. (Ed.) *New Models for*

- Innovative Management and Urban Dynamics*, University of Algarve, Faro, Portugal, pp: 69-79. ISBN: 978-972-9341-85-4
13. Loures, L., Viegas, A., **Panagopoulos**, T., 2009. Post-industrial landscapes - the case of the Arade river left margin. In Panagopoulos, T. (Ed.) *New Models for Innovative Management and Urban Dynamics*, University of Algarve, Faro, Portugal, pp: 69-79. ISBN: 978-972-9341-85-4
 14. **Panagopoulos**, T., Ferreira, V. 2010. Decision support system for erosion risk assessment, In Mastorakis, N. Mladenov, V. Bojkovic, Z. (Eds.) *Latest Trends on Systems*, Wseas Press, Athens, Greece, pp: 76-80. ISBN: 978-960-474-199-1
 15. Jankovska, I., Straupe, I. **Panagopoulos**, T. 2010. Naturalistic forest landscape in urban areas: challenges and solutions. In Jha, M. (Ed.) *Latest Trends on Urban Planning and Transportation*, Wseas Press, Athens, Greece, pp: 21-26. ISBN: 978-960-204-204-2
 16. Ramos, R.B., **Panagopoulos**, T. 2010. Landscape evaluation as an integrant part of the rehabilitation process in urban landscapes. In Jha, M. (Ed.) *Latest Trends on Urban Planning and Transportation*, Wseas Press, Athens, Greece, pp: 123-128. ISBN: 978-960-204-204-2
 17. Loures, L. Nunes, J., **Panagopoulos**, T. 2010. Learning by Experience: Using case study research towards the definition of a postindustrial redevelopment approach. In Panagopoulos, T., Noronha, T., Beltrao, J. (eds) *Advances in Urban Rehabilitation and Sustainability*, Faro, Portugal, pp: 159-164. ISBN: 978-960-474-244-8
 18. Ferreira, V. **Panagopoulos**, T. 2010. Soil erodibility assessment at the Alqueva dam watershed. In Panagopoulos, T. (ed) *Advances in Climate Change, Global Warming, Biological Problems and Natural Hazards* Faro, Portugal, pp: 112-118. ISBN: 978-960-474-247-9
 19. Ramos, B., **Panagopoulos**, T. 2010. Informing the rehabilitation process in urban landscapes. In Panagopoulos, T, Noronha, T., Beltrao, J. (eds) *Advances in Urban Rehabilitation and Sustainability*, Faro, Portugal, pp: 94-98. ISBN: 978-960-474-244-8
 20. Berte, E. **Panagopoulos**, T. 2010. Linear infrastructures in complex landscapes: the case of a22 highway, Portugal. In Panagopoulos, T., (ed) *Advances in Climate Change, Global Warming, Biological Problems and Natural Hazards* Faro, Portugal, pp: 76-84. ISBN: 978-960-474-247-9
 21. Jankovska, I., **Panagopoulos**, T. 2010. Challenges and prospects of urban allotments in Latvia and Portugal. In Panagopoulos, T., Noronha, T., Beltrao, J.

- (eds) *Advances in Urban Rehabilitation and Sustainability*, Faro, Portugal, pp: 113-118. ISBN: 978-960-474-244-8
22. Loures, L. **Panagopoulos**, T., Burley, J. 2010. Postindustrial land transformation: from theory to practice and vice-versa. In Panagopoulos, T., Noronha, T., Beltrao, J. (eds) *Advances in Urban Rehabilitation and Sustainability*, Faro, Portugal, pp: 153-158. ISBN: 978-960-474-244-8
23. **Panagopoulos**, T. 2010. Sustainable planning and management of contemporary cultural landscapes. In Pedrolì, B., Goodman, T. (eds) *Landscape as a project*. Libria, Melfi, Italy, pp: 76-79 and p.157. ISBN: 987-889-60751-2
24. **Panagopoulos** T. Andrade R.R. 2011. Urban regeneration in small towns of Algarve Portugal. In Tira M., Krabben E., Zanon B. (Eds) *Land management for urban dynamics. Innovative methods and practices in a changing Europe*. Maggioli Editore, Milano, pp: 529-537. ISBN: 978-88387-6066-7
25. **Panagopoulos**, T., 2012. Visual impact assessment in the context of visual landscape management in Portugal. In: *3D Issues in Urban and Environmental Systems*. R. Billen, M. Caglioni, O. Marina, G. Rabino, R. San José (Eds.). Società Editrice Esculapio, Italy. pp: 79-86. ISBN: 978-88-7488-546-6,
26. Cakula, A. Ferreira, V., **Panagopoulos**, T. 2012. Dynamic model of soil erosion and sediment deposit in watersheds. In Ramos, R.A.R., Straupe, I., Panagopoulos, T. (eds) *Recent Researches in Environment, Energy Systems and Sustainability*, pp: 33-38. ISBN: 987-1-61804-088-6, <http://www.wseas.us/e-library/conferences/2012/Algarve/EEESD/EEESD-03.pdf>
27. Ferreira, V., **Panagopoulos**, T. 2012. Predicting soil erosion at the Alqueva dam watershed: seasonal variations. In Ramos, R.A.R., Straupe, I., Panagopoulos, T. (eds) *Recent Researches in Environment, Energy Systems and Sustainability*, pp: 99-104. ISBN: 987-1-61804-088-6, <http://www.wseas.us/e-library/conferences/2012/Algarve/EEESD/EEESD-14.pdf>
28. **Panagopoulos**, T., Andrade, R., Ferreira, V., Guerrero, C. 2012. Assessment of spatial variability of soil properties in areas under land use change due to the Alqueva dam construction. In Burley, J., Loures, L., Panagopoulos, T. (eds) *Recent Researches in Environmental Science & Landscaping*, pp: 26-31. ISBN: 987-1-61804-090-9, <http://www.wseas.us/e-library/conferences/2012/Algarve/ENS/ENS-03.pdf>
29. Arvela, A.S., **Panagopoulos**, T., Cakula, A., Ferreira, V., Azevedo, J.C. 2012. Analysis of landscape change following the construction of the Alqueva dam, Southern Portugal – Approach and Methods. In Burley, J., Loures, L., Panagopoulos, T. (eds) *Recent Researches in Environmental Science &*

- Landscaping, pp: 42-47. ISBN: 987-1-61804-090-9, <http://www.wseas.us/e-library/conferences/2012/Algarve/ENS/ENS-06.pdf>
30. Andrade, R., **Panagopoulos**, T. Loures, L. 2012. A sustainable proposal for the waterfront brownfield reclamation in Vila Real de Santo António, Portugal. In Burley, J., Loures, L., Panagopoulos, T. (eds) Recent Researches in Environmental Science & Landscaping, pp: 59-66. ISBN: 987-1-61804-090-9
 31. Bostenaru D.M., **Panagopoulos**, T. 2012. Concept for the digital visualization of the impact of the 1755 Lisbon earthquake. In Anca Mitrache (ed.): Peisaj cultural, arhitectura, tendinte, 120 de ani de invatamant superior de arhitectura/Cultural landscape, architecture trends, 120 years of higher education in architecture, Editura Universitara, Ion Mincu, Bucurest, Romania. pp. 149-163.
 32. Samora Arvela, A., **Panagopoulos**, T. 2013. Landscape change following the Alqueva dam construction. In: C. Newman, Y. Nussaume & B. Pedroli (Eds) 2013: Landscape & Imagination: towards a new baseline for education in a changing world. UNISCAPE, Florence / Bandecchi & Vivaldi, Pontedera, Italy. pp: 539-544. ISBN: 978-88-8341-548-7

Peer reviewed Journals:

1. **Panagopoulos**, T. and Hatzistathis, A. 1995. Early growth of *Pinus nigra* and *Robinia pseudacacia* stands; contributions to soil genesis and landscape improvement on lignite spoils in Ptolemaida. *Landscape and Urban Planning*, 32:19-29.
2. **Panagopoulos**, T., Theodoropoulos, K. and Athanasiadis, N. 2001. Vegetation succession on lignite mine spoils of Ptolemaida Greece. *Journal of Balkan Ecology*, 4(1):68-79.
3. **Panagopoulos**, T., Jesus, J. and Beltrão, J. 2002. Soil geostatistical techniques applied to sprinkle irrigation experiments. *Options Méditerranées*, 50:391-396.
4. Beltrão, J., Jesus, S.B., **Panagopoulos**, T., Trindade, D., Miguel, M.G., Neves, M.A. BenAsher, J. 2002. Combined effects of salts and nitrogen on the yield function of lettuce. *Acta Horticulturae* 573:363-368.
5. Antunes, M.D.C., **Panagopoulos**, T., Neves, N., Curado, F., Rodrigues, S. 2004. The effect of pre and postharvest calcium applications on 'Hayward' kiwifruit storage ability. *Acta horticulturae*, 682: 909-916.
6. **Panagopoulos**, T., Jesus, J., Antunes, M.D.C. and Beltrão, J. 2006. Analysis of spatial interpolation for optimising management of a salinized field cultivated with lettuce. *European Journal of Agronomy* 24:1-10.

7. Neves, M.A. Miguel, M.G. Marques, C. **Panagopoulos, T.** Beltrao. J., 2006. Response of *Tetragonia tetragonioides* (Pallas) Kuntze to the combined effects of salts and nitrogen. *WSEAS Transactions on Environment and Development*, 2(4): 470-474.
8. Loures L. Horta, D. Santos A. and Panagopoulos T., 2006. Strategies to reclaim derelict industrial areas. *WSEAS Transactions on Environment and Development*, 2(5): 599-604.
9. Ramos, B. and **Panagopoulos, T.** 2006. Integrating aesthetics in visual impact assessment and quarry reclamation project. *WSEAS Transactions on Environment and Development*, 2(5): 506-511.
10. Santos, A, Horta, D. Loures, L. and **Panagopoulos T.** 2006. Biophysical, cultural and aesthetics contributions in landscape reclamation. *WSEAS Transactions on Environment and Development*, 2(5): 904-908.
11. Kopouki, P.A., Tompoulidou, M. and **Panagopoulos T.** 2006. Frontal dune landscape reclamation: the case study of Faro barrier islands. *WSEAS Transactions on Environment and Development*, 2(5): 899-903.
12. **Panagopoulos, T.**, Baltazar, O. and Antunes, M.D.C. 2006. Mapping orchard fruit quality characteristics of apricot (*Prunus armeniaca* L.) cvs. 'Beliana' and 'Lindo'. *Acta Horticulturae*, 717:377-380.
13. Jesus, J., **Panagopoulos, T.**, Blumberg, D., Orlovsky, L. and BenAsher, J. 2006. Monitoring Dust Storms in Central Asia with Open-Source WebGIS Assistance. *WSEAS Transactions on Environment and Development*, 2(6): 895-898.
14. **Panagopoulos T.**, Rodrigues S, Neves N, Cruz S, Antunes D. 2007. Decision support tools for optimising kiwifruit production and quality. *Acta horticulturae*, 753 (1): 407-414.
15. Antunes, MDC, Oliveira, M, Teixeira, M, Veloso, A, Veloso, F, **Panagopoulos T.** 2007. Evaluation of the effect of complementary pollination on *Actinidia deliciosa* CV. "Hayward" in northwest Portugal. *Acta horticulturae*, 753 (1): 347-352.
16. Antunes, MDC, Neves, N, Curado F, Rodrigues, S, Franco, J, **Panagopoulos, T.** 2007. The Effect of Calcium Applications on Kiwifruit Quality Preservation during Storage. *Acta horticulturae*, 753 (2): 727-732.
17. Loures L., Santos, R., **Panagopoulos T.**, 2007. Urban parks and sustainable city planning - The case of Portimão, Portugal. *WSEAS Transactions on Environment and Development* Vol. 3 (10): 171-180.

18. Ramos, R.B., **Panagopoulos** T., 2007. Integrating aesthetic and sustainable principles in stream reclamation projects. *WSEAS Transactions on Environment and Development* Vol. 3 (11): 189-195.
19. Loures L., **Panagopoulos** T., 2007. Sustainable reclamation of industrial areas in urban landscapes. *WIT Transactions on Ecology and Environment*, 102: 791-800.
20. Loures L., **Panagopoulos** T., 2007. From derelict industrial areas towards multifunctional landscapes and urban renaissance. *WSEAS Transactions on Environment and Development* Vol. 3 (10): 181-188.
21. **Panagopoulos, T.** and Antunes M.D.C. 2008. Integrating geostatistics and GIS for assessment of erosion risk on low density *Quercus suber* woodlands of South Portugal. *Arid Land Research and Management* 22(2): 159-177.
22. Neves, M.A., Miguel, M.G., Marques, C., **Panagopoulos, T.**, Beltrao, J. 2008. The combined effects of salts and calcium on growth and mineral accumulation of *Tetragonia tetragonioides* – A salt removing species. *WSEAS Transactions on Environment and Development* Vol. 4(1): 1-5.
23. Lassen, M.S., **Panagopoulos, T.**, 2008. Environmental awareness at the protected area of Brilhante, Brazil. *International Journal of Energy and Environment*, 2(1): 1-8.
24. **Panagopoulos** T. 2009. Linking forestry, sustainability and aesthetics. *Ecological Economics*, Volume 68: 2485-2489.
25. **Panagopoulos** T. and Loures, L., 2010. Reclamation of derelict industrial land in Portugal - greening is not enough *International Journal of Sustainable Development & Planning*, 5: 103-111.
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