

CURRICULUM VITAE

DIONYSIS LATINOPOULOS

Assistant Professor of Rural Sustainable Development and Natural Resources Management

1. PERSONAL INFORMATION

📍 School of Spatial Planning and Development, Faculty of Engineering, Aristotle University of Thessaloniki, GR-54124, Thessaloniki, Greece.

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Date & Place of birth: 16 October 1978, Thessaloniki, Greece

Nationality: Greek

Family status: Married with two children

Home address: Thermaikou 49, GR-55133, Kalamaria, Greece

2. EDUCATION

2.1 Degrees

- 2001 [Diploma in Agriculture](#), Department of Agriculture (Division of Agricultural Economics), Aristotle University of Thessaloniki.
- 2002 [MSc in "Environmental and Resource Economics"](#), Department of Economics, University College London.
- 2006 [PhD](#) in Division of Hydraulics and Environmental Engineering, Department of Civil Engineering, School of Engineering, Aristotle University of Thessaloniki. Thesis title: "A multicriteria analysis application to the economic theory of water in agriculture, within the framework of sustainable management of water resources".

2.2 Postgraduate activities

- 2009 [Post-doc](#) Research Program, University of Macedonia, Department of Economics.

2.3 Scholarships, awards

- 1997-2001 [National Scholarship Foundation \(IKY\)](#): - Scholarship granted for the undergraduate studies in the Department of Agriculture (AUTH).
- 2004 [Hellenic Hydro-technical Association \(EYE\)](#): 1st Award for the dissertations competition (undergraduate studies dissertations).
- 2003-2006 [National Scholarship Foundation \(IKY\)](#): Scholarship for Postgraduate studies (PhD) in "Environmental Economics".
- 2009-2010 [National Scholarship Foundation \(IKY\)](#): Post-doctoral Research Fellowship in "Economic Sciences" (Research Title: Assessing the potential impact of a tradable water permit system in Greece").

3. ACADEMIC CAREER

- 2003-2006 **Research fellow and teaching assistant.** Division of Hydraulics and Environmental Engineering, School of Civil Engineering, Aristotle University of Thessaloniki (AUTH).
- 2008-2010 **Adjunct Lecturer.** School of Spatial Planning and Development, Faculty of Engineering, AUTH.
- 2010-2014 **Lecturer.** School of Spatial Planning and Development, Faculty of Engineering, AUTH.
- 2014 - **Assistant Professor.** School of Spatial Planning and Development, Faculty of Engineering, AUTH (www.plandevol.auth.gr/en)

4. ACADEMIC TEACHING EXPERIENCE

4.1 Undergraduate courses

School of Spatial Planning & Development (AUTH)

Teaching at the following undergraduate courses:

- Spatial environmental planning (2008-today)
- Sustainable development economics (2010-today)
- European policies on rural development and the environment (2008-2010)
- Planning and Development of Ecosystems and Protected Areas (2008-2010)
- Protected areas and natural resources management (2010-today)
- Environmental planning and management of tourism (2010-today)
- Public economics and policy (2012-13), (2014-2015), (2016-2017)
- Data analysis and applications (2014-today)

School of Civil Engineering (AUTH)

Teaching assistant at the following undergraduate courses:

- Irrigation and Stream Design (2004-2006)
- Design and construction of Irrigation and Drainage Systems (2004-2006)

4.2 Graduate courses

School of Spatial Planning & Development (AUTH): Postgraduate program: "Spatial Planning for Sustainable and Resilient Development"

Course: "Economy, Environment and Sustainable Development (2018-today)

School of Civil Engineering, AUTH: Postgraduate program: "Protection of the Environment and Sustainable Development"

Course: "Natural Resource and Environmental Economics" - Teaching assistant (2004-2011), member of the educational team (2011-today)

School of Planning and Regional Development, University of Thessaly: "Master in Spatial Analysis and Environmental Management"

Course: "Environmental Economics" (2009-2010)

4.3 Academic supervision activity

During my collaboration with the School of Spatial Planning and Development of AUTH, I participated in the supervision of: (a) 21 undergraduate Research projects (research essay during the 9th semester), (b) 15 undergraduate diploma (project) theses (10th semester) and (c) 4 post-graduate theses. I currently supervise four Ph.D. students and one post-doc student.

5. RESEARCH EXPERIENCE

5.1 Research areas

The major fields of my involvement in research since 2004:

- Environmental and natural resource economics
- Natural resource management
- Spatial analysis and environmental decision-making

- Multi-criteria analysis for environmental decision-making
- Economics of water resources (economic valuation, efficient allocation, water pricing)
- Non-market valuation of environmental resources
- Rural sustainable development
- Environmental planning and tourism management

5.2 Research activities

Coordinator of the research program: "Economic valuation of improved drinking water quality" (funded by the Research Committee of Aristotle University of Thessaloniki, 2012).
Participation in the following research programs as a scientific associate of the Aristotle University of Thessaloniki:

- Primary essay on the state of influence zones of Egnatia Odos (Egnatia Odos S.A., 2004).
- Innovative models of critical key indicators as planning decision support for sustainable rural development and integrated cross border regional management in former Iron Curtain areas based on north to south European reference studies (EU, 5th Framework programme, 2004).
- Integrated Water Management of Transboundary Catchments: Energy, Environment and Sustainable Development (EESD) Programme, KEY ACTION 1: Sustainable Management and Quality of Water (EU, 5th Framework Programme, 2004-2006).
- The use of Geographical Information Systems in the assessment of the value of water (Ministry of Education – PYTHAGORAS II, 2005).
- Environmental Protection and Sustainable Development – Postgraduate Study Programme (Ministry of Education and Religious Affairs, 2005-2008).
- Concepts for integrated transboundary water management and sustainable socio-economic development in the cross border region of Albania, FYROM and Greece (EU, 6th Framework Programme, Priority FP-6-2002-INCO-WBC-1, 2006).
- The Cost of Irrigation Water in the Plain of Hania – Prefecture of Hania (Ministry of Rural Development and Food, 2006).
- SIMCODE – Spatial impacts of multimodal corridor development – IGT (INTEREG IIIb – Archimed, 2006).
- SEMSON - South-East Mediterranean Observatory Network (INTEREG IIIb - Archimed, 2006).
- SPICOSA – Science and Policy Integration for Coastal System Assessment (EU, 6th Framework Programme, 2009).
- LIFE CONOPS: Development and demonstration of management plans against – the climate change enhanced – invasive mosquitoes in S. Europe. (LIFE+ Environment Policy and Governance, European Commission, 2013-2017).
- LIFE DEBAG: Integrated information and awareness campaign for the reduction of plastic bags in the marine environment (LIFE14 GIE/GR/001127, 2015-2018).
- LIFE Prespa Waterbirds: Bird conservation in Lesser Prespa: benefiting local communities and building a climate change resilient ecosystem (LIFE15 NAT/GR/000936, 2017-2018).

6. PUBLICATIONS

3 theses, 3 chapters in edited volumes, 28 papers in peer reviewed scientific journals and 57 papers in conference proceedings. 399 citations (Google Scholar: h-index 10, Research Gate h-index 10, Scopus: h-index 8).

Scientific journals:

- **Latinopoulos, D.** (2005) "Derivation of irrigation water demand functions through linear and non-linear optimization models: Application to an intensively irrigated area in Northern Greece", *Water Science and Technology: Water Supply*, Vol.5 (6): 75-84.

- **Latinopoulos, D.** and Mylopoulos, Y. (2005) "Optimal allocation of land and water resources in irrigated agriculture by means of goal programming: Application in Loudias river basin", *GLOBAL NEST: the International Journal*, Vol.7 (3): 264-273.
- **Latinopoulos, D.** (2008) "Estimating the potential impacts of irrigation water pricing using multicriteria decision making modelling. An application to Northern Greece", *Water Resources Management*, Vol.22 (12): 1761-1872.
- **Latinopoulos, D.** (2009) "Multicriteria decision-making for efficient water and land resources allocation in irrigated agriculture", *Environment, Development and Sustainability*, Vol. 11: 329-343.
- Mallios, Z., Papageorgiou, A., **Latinopoulos, D.** and Latinopoulos, P. (2009) "Spatial hedonic pricing models for the valuation of irrigation water", *GLOBAL NEST: The International Journal*, Vol. 11(4): 575-582.
- **Latinopoulos, D.** (2009) "Valuing the services of coastal ecosystems: a meta-analysis of contingent valuation studies", *International Journal of Sustainable Development and Planning*, Vol.5(1): 13-30.
- **Latinopoulos, D.**, Theodossiou N. and Latinopoulos P. (2011) "Combined use of groundwater simulation and multicriteria analysis within a spatial decision-making framework for optimal allocation of irrigation water", *Spanish Journal of Agricultural Research*, Vol. 9(4):1105-1119.
- Konstantinou, Z, Krestenitis, Y., **Latinopoulos, D.**, Pagou, K., Galinou-Mitsoudi, S. and Savvidis, Y. (2012) "Aspects of Mussel-Farming Activity in Chalastra, Thermaikos Gulf, Greece: An Effort to Untie a Management Gordian Knot", *Ecology and Society* 17(1):1.
- **Latinopoulos, D.**, Konstantinou, Z. and Krestenitis, Y. (2012) "Simulation and multicriteria analysis in sustainable coastal planning: The case of aquaculture in Thermaikos Gulf, Greece", *Environment, Development and Sustainability*, Vol.14: 1027-1045.
- **Latinopoulos, D.** and Vagiona, D. (2013) "Measuring the sustainability of tourism development in protected areas: an indicator-based approach", *International Journal of Innovation and Sustainable Development*, Vol. 7(3): 233-251.
- Siarkos, I., **Latinopoulos, D.** and Katirtzidou, M. (2014) "Delineating cost-effective wellhead protection zones in a rural area in Greece", *Water and Environment Journal*, Vol.28(1):72-83.
- **Latinopoulos, D.** (2014) "The impact of economic recession on outdoor recreation demand: an application of the travel cost method in Greece", *Journal of Environmental planning and Management*, Vol.57 (2):254-272.
- **Latinopoulos, D.** (2014) "Using a choice experiment to estimate the social benefits from improved water supply services", *Journal of Integrative Environmental Science*, Vol.11(3-4): 187-204.
- **Latinopoulos, D.**, Mylopoulos, N. and Fafoutis, C. (2014) "Using a market-type allocation system to confront water scarcity: an inter-district approach in Greece", *Global Nest Journal*, Vol.16(4):653-666.
- **Latinopoulos, D.** and Sartzetakis, E. (2014) "Using Tradable Permits in Irrigated Agriculture", *Environmental and Resource Economics*, Vol.60 (3): 349-370.
- **Latinopoulos, D.** (2015) "Environmental valuation in Greece: a review and analysis of contingent valuation studies", *Interdisciplinary Environmental Review*, Vol.16(1): 77-93.
- **Latinopoulos, D.** and Kechagia, K. (2015) "A GIS-based multicriteria evaluation for wind farm site selection. A regional scale application in Greece", *Renewable Energy* Vol. 78: 550-560.
- Kolimenakis, A., Bithas, K., Richardson C., **Latinopoulos, D.**, et al. (2016) "Economic appraisal of the public control and prevention strategy against the 2010 West Nile Virus outbreak in Central Macedonia, Greece", *Public Health*, Vol.131: 63-70.
- **Latinopoulos, D.**, Mallios, Z. and Latinopoulos, P. (2016) "Valuing the benefits of an urban park project: A contingent valuation study in Greece", *Land Use Policy*, Vol. 55:130-141.

- **Latinopoulos, D.** (2016) "Equity considerations in implementing tradable water permits systems in agriculture – A case study from Greece", *European Water*, Vol. 55: 7-19.
- Siarkos, I., **Latinopoulos, D.**, Mallios, Z. and Latinopoulos, P. (2017) "A methodological framework to assess the environmental and economic effects of injection barriers against seawater intrusion", *Journal of Environmental Management*, Vol. 193: 532-540.
- Badieritakis, E., Papachristos, D., **Latinopoulos, D.**, et al. (2018) "Aedes albopictus (Skuse, 1895) (Diptera: Culicidae) in Greece: 13 years of living with the Asian tiger mosquito", *Parasitology research*, Vol. 117(2): 453-460.
- Bithas, K., **Latinopoulos, D.**, Kolimenakis, A. and Richardson, C. (2018) "Social Benefits from controlling invasive Asian tiger and native mosquitoes: A stated preference study in Athens, Greece", *Ecological Economics*, Vol. 145: 46-56.
- **Latinopoulos, D.** (2018) "Using a spatial hedonic analysis to evaluate the effect of sea view on hotel prices", *Tourism Management*, Vol. 65: 87-99.
- Markantonis, V., Dondeynaz, C., **Latinopoulos, D.**, et al. (2018) "Values and Preferences for Domestic Water Use: A Study from the Transboundary River Basin of Mékrou (West Africa)", *Water*, Vol.10(9), 1232.
- Siarkos, I., Sevastas, S. and **Latinopoulos, D.** (2018) "Using a hydroeconomic model to evaluate alternative methods applied for the delineation of protection zones", *Desalination and Water Treatment*, Vol.133: 315-326.
- **Latinopoulos, D.**, Mentis, C., and Bithas, K. (2018) "The impact of a public information campaign on preferences for marine environmental protection. The case of plastic waste", *Marine pollution bulletin*, Vol. 131: 151-162.
- Alamanos, A., **Latinopoulos, D.**, Papaioannou, G., Mylopoulos, N. (2019) "Integrated hydro-economic modelling for sustainable water resources management in data-scarce areas: the case of Lake Karla watershed in Greece", *Water Resources Management*, *accepted for publication*.

Chapters in books:

- **Latinopoulos, D.** (2004) "The implementation of water framework directive in Greece and its incorporation into the national legal framework", in *G. Kafkalas (Ed.) Aspects of Spatial Development: Theoretical Perspectives & Policies*, Athens, Kritiki, pp. 239-272.
- **Latinopoulos D. and Siarkos I.** (2014) "Modelling the groundwater flow to assess the long-term economic cost of irrigation water: Application in the Moudania Basin, Greece", in: *Giannino, M. (ed.) "Drinking Water and Water Management: New Research"*, ISBN: 978-1-63117-523-7, Nova Science Publishers, New York.
- **Latinopoulos D.** (2015) "Assessing sustainable development by means of macro-economic indicators", In *Latinopoulos, D., Pozoukidou, G. and Fragopoulos, Y. (2015) "Space issues: Theories and methodologies for planning and development"*, Zitis publications, Thessaloniki, Greece.

Publications in conference proceedings:

Indicative conferences:

- International Conference on Environmental Science and Technology (2003, 2005, 2007, 2011, 2013, 2015)
- International Conference on Protection and Restoration of the Environment (2004, 2006, 2008, 2010, 2012, 2014, 2018)
- International Conference on Water Economics, Statistics and Finance (2005, 2009)
- National Conference of the Hellenic Commission for the Management of Water Resources (2005, 2009, 2015)
- International Conference on Environmental Management, Engineering, Planning and Economics (2007, 2009, 2013, 2015, 2017)
- National Symposium on Oceanography and Fisheries (2009)
- National Conference on Planning and Regional Development (2009, 2015, 2018)

- National Conference of Agriculture Engineering (2009)
- Annual Conference of European Association of Environmental and Resource Economics (2011, 2017)
- Bi-annual Conference of European Society for Vector Ecology (2014)
- Annual Conference of the European Society for Ecological Economics (2017)
- European Congress of Conservation Biology (2018)
- Congress of the international society for ecological economics (2018)

7. OTHER SCIENTIFIC ACTIVITIES

7.1 Member of scientific and professional organizations

- Board member of the Center of Integrated and Multi-disciplinary Water Resources Management (at AUTH) – Category 2 Center, under the auspices of UNESCO (2018-).
- Board member of the Center of Integrated Resource Management (KEODY) of Aristotle University of Thessaloniki (2011-2018)
- Member of the Environmental Council of Aristotle University of Thessaloniki (2011-2018)
- Member of the coordination committee of the Postgraduate program: Spatial Planning for Sustainable and Resilient Development (AUTH) (2018-).
- Member of the following associations: International Water Association (IWA), European Association of Environmental and Resource Economists (EAERE), Hellenic Hydro-technical Association (EYE).

7.2 Scientific publication reviewer

Reviewer of scientific publications for several journals (21). Indicative journals: Water Resources Management, Environmental Processes, Applied Energy, Water Policy, Applied Economics, Journal of Tourism Management, "CLEAN-Soil, air, water", Journal of Outdoor Recreation, MDPI-Water, MDPI-Energies, Environment and Development Economics, Ecological Economics, Marine Pollution Bulletin, International journal of Hospitality management.

7.3 Scientific Conference reviewer

Reviewer of several (11) scientific conferences. Indicative conferences: 5th IWA International Young Water Professionals Conference (2010), Protection and Restoration of the Environment (PRE) – XI (2012) and XII (2014), International Conference on Changing Cities II: spatial design, landscape & socio-economic dimensions (2015), 2nd EWaS International Conference: Efficient & Sustainable Water Systems Management towards Worth Living Development (2016), International Conference on Environmental Management, Engineering, Planning and Economics (2017, 2019).

7.4 Member of conferences' organizing/scientific committees

Member of the organizing and scientific committees:

- 4th EMUNI Research Souk, Bringing Gaps in the Mediterranean research space: The environmental studies, research, policy in AUTH, 17-18 April 2012.
- International Conference on Environmental Management, Engineering, Planning and Economics, Thessaloniki 25-30 June 2017.

Member of the organizing committees:

- International conference: Protection and Restoration of the Environment (PRE) XI, Thessaloniki 3-6 July 2012.
- 11th Heads of Schools meeting of the Association of European Schools of Planning (AESOP), Thessaloniki 10-12 March 2016.
- International Forum for SDG6 - Sustainable Urban Water and Sanitation: Public goods in the service of society, Thessaloniki, 21-22 March 2019. The forum/conference is under the auspices of the Hellenic National Commission for UNESCO, and the Hellenic Ministry of Environment and Energy

Member of the scientific committees

- 1st and 2nd Environmental Conferences of Thessaly, Skiathos island: (1) 8-10 September 2012, (2) 19-21 September 2015.
- 2nd Conference on Changing Cities: Spatial morphological landscape and socio-economic dimensions, Porto Heli, 22-26 June 2015.
- 5th National Conference on Urban planning, regional planning and regional development, 27-30 September 2018, Volos, Greece.
- International Conference on Environmental Management, Engineering, Planning and Economics, Mykonos, Greece, 19-24 May 2019.
- 6th International Conference on Environmental Science and Technology (CEST), 4-7 September 2019, Rhodes, Greece.
- 14th Conference of the Hellenic Hydrotechnical Association, Volos, Greece, 16-17 May, 2019.

Organizer of the Special Session: "The role of economic valuation in environmental decision-making" in the 12th International Conference of Protection and Restoration of the Environment – PRE XII, Skiathos island, June 29-July 3, 2014.

7.5 Member of summer schools' organizing/scientific committees

- Coordinator of the Scientific Summer School program: "The role of water resource management to local and regional development", AUTH Center of Integrated Resource Management (Thessaloniki, August 2013).
- Member of the Organizing and scientific committee of the joint Summer school program (AUTH & University of Chiba-Japan): "Tourism in Local Planning and development" (Thessaloniki, August 2014).