

GEORGE K. VARELIDIS

(short CV)

PERSONAL INFORMATION

SURNAME: VARELIDIS

NAME: GEORGIOS

DATE OF BIRTH: 3-5-1967

PLACE OF RESIDENCE: FILOTHEY (ATTICA, GRECE)

E-mail: gvarel@uniwa.gr

TEL.: 210-5381412

1. CURRENT POSITIONS

2018 – 2022: **Professor**, School of Engineering, Department of Civil Engineering, University of West Attica (UNIWA), Greece.

2018–2023: **Head of Civil Engineering Department**, UNIWA.

2019–2022: **Associate Dean of School of Engineering**, UNIWA.

2018–2022: **Director of “Laboratory of Urban Planning and Architecture”**, Department of Civil Engineering.

2018–2022: **Director of the joint Postgraduate Programme (MSc) “Policies and Applied Methods for the Protection of the Environment”**, University of West Attica (Department of Civil Engineering)

2017–2022: **Director of the Postgraduate Programme (MSc) “Architectural and Structural Rehabilitation of Historic Buildings and Complexes”**, University of West Attica, Department of Civil Engineering, Greece.

2019–2022: **Member of the Research Committee of the University (UNIWA).**

Member of the Special 7-Member Council of the Special Account for Research Grants (ELKE)

2005–2020: **State Licensed Researcher of the higher level (C level)**, categories: 2 (Urban Applications) and 27 (Environmental Applications)

2. PREVIOUS POSITIONS

2009–2018: **Professor**, Faculty of Engineering, Department of Civil Engineering, Piraeus University of Applied Science (PUAS), Greece. **Head of the Department** (2016 – 2018).

2015–2018: **Founder – Director of “Laboratory of Urban Planning and Architecture”**, Department of Civil Engineering, Piraeus University of Applied Sciences (PUAS).

2008–2016: **Founder – Head of “Urban Observatory of Industrial Districts in Attica”**, Department of Civil Engineering, Piraeus University of Applied Sciences.

2014–2018: **Director of the joint Postgraduate Programme (MSc) “Policies and Applied Methods for the Protection of the Environment”**, Piraeus University of Applied Sciences (Department of Civil Engineering) – European University Cyprus.

2010–2014: **Member of the Research Committee of Piraeus University of Applied Sciences.**

2006–2016: **Head of Sector “Architectural Design and Urban Planning”**, Department of Civil Engineering, Piraeus University of Applied Sciences (PUAS), Greece.

2004–2009: **Associate Professor**, Faculty of Engineering, Department of Civil Engineering, Technological Educational Institute (T.E.I.) of Piraeus, Greece.

1999–2004: **Scientific Expert**, Department of Civil Engineering, Technological Educational Institute (T.E.I.) of Piraeus, Greece.

1994–2005: **State Licensed Researcher** (B level), categories: 2 (Urban Applications) and 27 (Environmental Applications).

3. EDUCATION

1991–1999: PhD in Urban Development and Planning, Department of Humanities Social Sciences and Law, National Technical University of Athens (NTUA), Greece. Thesis subject: *“Proposed Framework for the Rehabilitation of Residential Areas in the Urban and Suburban Field of Athens: Social, Institutional, Operational and Urban Planning Aspects”*.

1985–1991: Architect Engineer, School of Architecture, National Technical University of Athens (NTUA), Greece, Thesis title: *“Alternative Proposals for the Pedestrianization of Syntagma – Monastiraki Axe”*.

4. PUBLICATIONS (indicative)

4.1 BOOKS

1. Varelidis G., *“Urban Planning Conformation and Evolution of the Greek City. Possibilities of Regulations and Interventions”*, Varelidis G., ed. Angelakis (412 pages), Athens, 2013.

<http://cris.lib2.uniwa.gr/jspui/handle/123456789/711?mode=full>

2. Varelidis G., *“Possibilities for Management of the Surrounding Land with Arbitrary Structure”*, Varelidis G., GUTENBERG (scientific volume), 2013. https://www.dardanosnet.gr/book_details.php?id=1809

3. Varelidis G., *“Guide for the Graduates from the Department of Civil Engineering”* (146 pages) within the framework of the Operational Program “Education and Lifelong Learning” (co-financed by National Resources and by the EU - ECB, assignment by Research Committee of Piraeus University of Applied Sciences), Ed. Piraeus University of Applied Sciences (PUAS), 2013 http://civil.puas.gr/?page_id=3938

4. Varelidis G., Varelidou K., Varelidis K., *“Study of Necessary Development Projects of the Urban Planning Group of the Region of Athens. Proposals Included in the Wider Spatial Planning of the Area”*, Varelidis G., Varelidou K., Varelidis K., Study - Research (funding of EKT) with the approval of the Committee of European Communities (AP 124/3 / 1- 10-1992) and Decision of the Attica Regional Governor (AP 3615 / 29-12-1992), FORUM – DOMI (278 pages), Athens, 1996.

4.2 SCIENTIFIC REVIEWS

5. Mela, A. and Varelidis, G. (2022). *“Effects of the COVID-19 Pandemic on the Use and Attitudes towards Urban Public Spaces”*, Journal of Sustainable Architecture and Civil Engineering (JSACE) 31 (2): 85-95. <https://doi.org/10.5755/j01.sace.31.2.31545>

6. Mela, A., D. E. Alexakis and G. K. Varelidis. 2022. *“Investigating Public Awareness towards Wastewater Management in a Small Community”* Global Nest Journal 24 (2): 254–61. <https://doi.org/10.30955/gnj.004151>

7. Spyridakos A., Alexakis D., Vryzidis I., Tsotsolos N., Varelidis G., Kagiara E. (2022). *“Classification of Spent Refractory Materials to Achieve Sustainable Development Goals Exploiting Multiple Criteria Decision Aiding Approach”*, MDPI Appl. Sci. 2022, 12, 3016. <https://doi.org/10.3390/app12063016>

8. Alexakis, D., Kokmotos, I., Gamvroula, D., Varelidis, G. (2021) *“Wildfire Effects on Soil Quality: Application on a Suburban Area of West Attica (Greece)”* *Geosciences Journal*, 2021, 25(2):243–253 (GEOJ-D-19-00277R1).

9. Varelidis G., *“Trends and Forms of Post-Modern City within the Field of Contemporary Communication Networks and Models”*, Varelidis G., International Journal of Balkan Ecology, Vol 10 No 2, 2007, <http://en.ecobalk.com/>

10. Varelidis G., *"Recommended Intervention Framework for the Upgrading of Arbitrary Settlements. Institutional and Business Components"*, Landscaping and Environmental Development Inspection, 2003.
11. Varelidis G., *"Ideology and Institutional Expression of the Urban and Architectural Specifications of the Ministry of Environment, Physical Planning and Public Works for the Island Traditional Settlements. The Case of the Capital of Kythera"*, Applied Research Review, Technological Educational Institute (TEI) of Piraeus, Vol. VIII No 2, 2003.
12. Varelidis G., *"Critique of the Inadequacies of the New Housing Law (2508/97) regarding the Framework and the Development Opportunities for Residential Regenerations"*, Applied Research Review, Piraeus University of Applied Sciences (PUAS), Vol. VII No 1, 2002.
13. Varelidis G., *"Social and Business Components of Residential Renovation in Block 1C in Taurus"*, Applied Research Review, Periodical Scientific Edition P.T.I., Vol. VI No 1, 2001.
14. Varelidis G., Siolas A., *"Problems of Integrating Organized Building Groups in the Urban Space"*, T.X. Scientific Edition TEE-A, vol. 14, vol. 4, 1994.
15. Varelidis G., Karapati E., *"Relationship of Agricultural Production with Spatial Structure of Settlements in the Prefecture of Larissa"*, "MODERN ISSUES", Period BD, Time 15, Issue 48, June 1992.

4.3 CONFERENCES

16. Alexakis, D., Kokmotos, I., Gamvroula, D., Varelidis, G., Fountoukidis, E., *"Distribution of potentially toxic elements in soil of wildfire affected area. The case of Kineta Greece"*. Climatico 2019, "Climate Change in the Mediterranean: Agriculture, Food and Health Impacts and Challenges. Act on Climate in the Mediterranean". International Conference. Limassol Cyprus, April 11-12, 2019. Available from <http://climatico2019.com/wp-content/uploads/2019/06/Climatiko2019-ABSTRACT-BOOK.pdf>
17. Demestiha M., Moraitou I., Varelidis G., *"Environmental governance and water management questions, on a regional scale, aiming at sustainable development. The Case of the River Evrotas in the Peloponnese Region"*, 16th ERSA (European Regional Science Association) Greek section Conference "Local and Regional Development Strategies: Modern Challenges", Athens 22-23 June 2018, Regional Development Institute, Panteion University of Social and Political Sciences.
https://www.dropbox.com/s/wt1zm8eqvxjbtwg/Praktika_ERSA_2018.zip?dl=0&file_subpath=%2F27.%CE%94%CE%B5%CE%BC%CE%AD%CF%83%CF%84%CE%B9%CF%87%CE%B1.pdf
18. Kepesidou O., Moraitou I., Varelidis G., *"Approaching the Interactions of Climate Change and Sustainable Development in Island Urban Centres"*, 16th ERSA (European Regional Science Association) Greek section Conference "Local and Regional Development Strategies: Modern Challenges", Athens 22-23 June 2018, Regional Development Institute, Panteion University of Social and Political Sciences.
https://www.dropbox.com/s/wt1zm8eqvxjbtwg/Praktika_ERSA_2018.zip?dl=0&file_subpath=%2F28.%CE%9A%CE%B5%CF%80%CE%B5%CF%83%CE%AF%CE%B4%CE%BF%CF%85.pdf
19. Moraitou, I., Loukakakis P., Varelidis G. & Varelidis K., *"Evaluating the Rate of Urban Interventions from a Socio Economic and Building Stock Characteristics View Point Based on Building Blocks"*, 13th Scientific Congress of the Hellenic Association of Regional Scientists (ERSA GR) European Regional Sciences Association entitled "Urban and Regional Development: Modern Challenges", Institute of Regional Development Panteion University of Social and Political Sciences June 26-27, 2015, Athens, (in greek).
<https://docplayer.gr/10403922-Aytodioikisi-kai-topiki-kai-perifereiaki-anaptyxi-syghrones-prooptikes.html>
20. Varelidis G., *"The Postwar Field of the Urban Planning Development – Spatial Planning through the Work of Pavlos Loukakakis"*, Varelidis G., proceedings of the NTUA Conference "170 years of NTUA, Engineers and Technology in Greece", volume B, NTUA, p. 272, 2012. <http://cris.lib2.uniwa.gr/jspui/handle/123456789/684>
21. Varelidis G., Theodorakakou-Varelidou K., *"Legislative Protection of Natural and Cultural Environment"*, Proceedings of the LANT 07 International Scientific Conference, Drama 2007.

22. Varelidis G., *"Vigils (Fryktories) of Ionian Islands: Their Role, Spatial Planning and dispersion"*, International Panionian Conference, Kythira, May 21-25/2006.

23. Varelidis G., *"Guidelines for the Inclusion of Historical Sites and Monuments in Modern Greek Cities"*, Proceedings of the ICOMOS International Conference on "Modern Cities on Old", Arta, 1992.

4.4 WORKSHOPS

24. Varelidis G., *"The Impact of Building Regulations on the Formulation & Aesthetics of the Indoor Plan of a Built Environment"*, presentation as invited lecturer in Workshop of 18/19-3-2016: *"Routes of Architecture, from the Beginnings of Modernism until Today in Attica"*, Greek Association of Architecture (SADAS) two-day Conference, workshop's proceedings, 2016.

25. Varelidis G., *"The Importance of Urban Tourism in E.C. and in Athens. Political, Social, Economic and Urban Planning Aspects"* presentation as keynote speaker & coordinator in Workshop ERASMUS – SOCRATES (organization of the intensive seminar "Urban Space and Tourism"), Technological Educational Institute (TEI) of Piraeus, workshop's proceedings, 2004.

5. MEMBERSHIPS & REVIEWING ACTIVITIES

- 2020 – Onwards Member of the Board of the Hellenic Association of Spatial and Urban Planners
- 2015 – 2020: Reviewer, General Secretariat for Research and Technology (GSRT), Greece
- 2010 – 2014 & 09.2019 – 06.2020: Member of the Research Committee of the University (UNIWA and PUAS)
- 2005 – 2007: Reviewer, member of the Evaluation Committee for the ARCHIMIDES II programs – Strengthening Research Groups in TEI (Technological Educational Institutes), Special Management Service of EPEAEK.
- 2007 – 2016: Reviewer of scientific papers Applied Research Review, Piraeus University of Applied Sciences (PUAS).
- 2006: Reviewer/Representative of the Technical Chamber of Greece (TEE – TCG) in the Committee of the Ministry of Environment, Physical Planning and Public Works for the study of the Regulatory Plan and the Environmental Protection Program of Ioannina.

6. TEACHING ACTIVITIES (indicative)

2018 – 2022: Re-founder, Director and Professor on the joint Postgraduate Programme *"Policies and Applied Methods for the Protection of the Environment"*, University of West Attica (Department of Civil Engineering) – European University Cyprus, Greece. Courses: *"Protection of Built Environment – Urban Planning"*, *"Environmental Design of Buildings"*, *"Environmental Permitting"*, *"Spatial Planning"*.

2017 – 2022: Founder, Director and Professor on the Postgraduate Program *"Architectural and Structural Rehabilitation of Historic Buildings and Complexes"*, University of West Attica, Department of Civil Engineering, Greece. Course: *"Rehabilitation and Regeneration of Historical Centers and Complexes"*.

2014 – 2018: Founder, Director and Professor of the joint Postgraduate Programme *"Policies and Applied Methods for the Protection of the Environment"*, Piraeus University of Applied Science (Department of Civil Engineering) – European University Cyprus, Greece. Courses: *"Protection of Built Environment – Urban Planning"*, *"Environmental Design of Buildings"*, *"Environmental Permitting"*, *"Spatial Planning"*.

2018 – 2020: Professor (undergraduate programme): Courses: *"Urban Planning and Principles of Urban Legislation"*, *"Architecture"*, University of West Attica (UNIWA).

2009 – 2018: Professor (undergraduate programme): Courses: *“Urban Planning and Urban Design Applications”, “Architecture”, “Technical Legislation”* Technological Educational Institute (TEI) of Piraeus, Piraeus University of Applied Sciences (PUAS).

2004 – 2009: Associate Professor (undergraduate programme): Courses: *“Urban Planning”, “Architecture”,* (TEI) of Piraeus.

1996 – 1998: Scientific Associate, course *“Sociology of Urban Space”*, School of Architecture, NTUA.

7. SUPERVISION OF GRADUATE STUDENTS, DOCTORAL AND POSTDOCTORAL FELLOWS

2021–2023: Supervision of a postdoctoral researcher (Evgenia Tousi)

2012–2022: Supervision of 4 PhD: University of West Attica (2 PhD), Piraeus University of Applied Science – National and Kapodistrian University of Athens (2 PhD), Greece.

2015–2022: Supervision of Master Thesis: over 50 (UWA, Piraeus University of Applied Science – EU Cyprus, Greece)

1999-2022: More than 320 students` thesis

8. FELLOWSHIPS & AWARDS

- Scholarship from the State Scholarship Foundation (IKY) as a PhD Candidate NTUA, Greece, 1992-1995
- Praise of the Municipality of Athens for thesis *“Alternative Proposals for the Pedestrianization of Syntagma – Monastiraki Axe”*, School of Architecture, NTUA, Greece, 1992

9. RESEARCH GRANTS (indicative)

Project Title	Funding source	Period	Role of the PI
<i>“Recycling of Refractory Materials Used by Various Industries for the Production of Clay and Refractory Bricks (REFRACT)”</i>	European Regional Development Fund – ERDF	2019 – 2023	Environmental assessment - legislatives regulations
<i>“Guide for the Graduates from the Department of Civil Engineering”,</i> Technological Educational Institute (TEI) of Piraeus, Research Committee (E.L.K.E.).	European Structural and Investment Funds (ESIF)	6/2011 – 9/2012	Scientific Coordinator – Principal Investigator (exclusive responsibility of the program and deliverables)

10. GRANT APPLICATIONS (indicative)

Project Title	Funding source	Submission date	Role of the PI
<i>“Atypical Work Practices in the Private Construction Sector”</i> 2009-2011 TEI of Piraeus	PUAS Research Committee (E.L.K.E.)	10/2011	Scientific Coordinator
European research program "CULT RURAL" 2005 – 2008 (cultural heritage of rural areas of Europe)	European Regional Development Fund (ERDF)	3/2008	Scientific Associate – Urban Planner
European research program "PICT" 2005 – 2008 (Program on Information and Communication Technologies)	European Regional Development Fund (ERDF)	5/2008	Scientific Associate – Urban Planner

<i>"Sustainable Development Program for the Municipalities: a) D. Komotini N. Rodopi and b) D. Perama"</i> 2005-2008	United Nations Human Settlements Program, UN-HABITAT	5/2008	Scientific Associate Cooperation in the field of environmental – spatial planning
<i>"Environmental Evaluation of Urban Building Works and Application of Geographic Information Systems in Distributed Pollution Problems"</i> Collaboration: Institute of Regional Development (IPA) of Panteion University for Program EPEAEK (2nd CSF) with TEI of Piraeus	European Structural and Investment Funds (ESIF)	2/2006	Scientific Associate in the sections of operational applications and demography.
<i>"Framework for Organization and Operation of the Olympic Village – Athens 2004"</i>	I.P.A. (Institute of Regional Development)	4/2000	Cooperation in the field of urban integration of the Olympic Village
<i>"Assessment of the proposed means of fixed orbit in the area of the Airport "Eleftherios Venizelos" and the Mesogia"</i>	Ministry of Transport	2/2000	Collaboration with Scientific Coordinator P. Loukakis
<i>"Development Strategy of the Municipality of Nea Orestiada",</i>	I.P.A. (Institute of Regional Development) Panteion University	5/1999	Scientific Associate – investigation of the various possibilities of urban intervention/reconstruction of municipal areas
<i>"Study of the Necessary Development Projects of the urban space of the Prefecture of Athens. Proposals Included in the Wider Spatial Planning of the Area"</i> Committee of European Communities (AP 124/3 / 1-10-1992) and Decision of the Attica Regional Governor (AP 3615 / 29-12-1992)	E.C.B.	3/1996	Participation in the 3-member working group team (published by FORUM – DOMI, Athens, p. 278).
<i>"Change in the Agricultural Sector and Residential Structure of Agricultural Areas"</i>	Agricultural University of Athens, Research Committee	11/1990	Cooperation in the implementation phase of the field research and in the analysis phase of primary research data.