

POLIXENI ILIOPOULOU

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BSc Rural and Surveying Engineering, National Technical University of Athens

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Polixeni Iliopoulou is currently Professor of Geography at the Department of Surveying & Geoinformatics Engineering, University of West Attica. She has worked in several organizations: as a researcher at the Center of Planning and Economic Research, as a consultant at the Ministry of National Economy and as a Surveying Engineer at the Ministry of Environment, Physical Planning and Public Works. She has teaching experience at the University of Crete and the National Technical University of Athens. She has participated in several research projects in cooperation with the National Technical University of Athens, the Institute of Mediterranean Studies, the Agricultural University of Athens and the Centre for Planning and Economic Research. At the Department of Surveying & Geoinformatics Engineering she has been the coordinator of several research projects in cooperation with Greek universities and research centers.

Current Teaching

Department of Surveying & Geoinformatics Engineering, University of West Attica

- BSc course “Spatial Analysis”
- BSc course “Physical Geography and Environmental Management”
- BSc course “Land Management and Property Values”
- MSc course “Spatial Statistics”, Postgraduate Program “Geospatial Technologies”

Research Areas

- Quantitative methods in geography

- Spatial analysis and GIS - Spatial statistics
- Spatial analysis of property values
- Economic geography with emphasis on rural development and the evaluation of regional policies.
- Environmental management

Major research programs have included

- ✓ the analysis of the geographical distribution of health data in a GIS environment and the development of a spatial model for the prediction of the incidents of leishmaniasis in the Greater Athens region
- ✓ the exploration of the factors which contribute to rural development with the employment of multivariate techniques of spatial analysis and the construction of rural typologies in Greece
- ✓ the evaluation of the impact of European Regional Development Policies in Greece, with emphasis on regional and environmental aspects
- ✓ The evaluation of the regional incentives policy in Greece

Selected Publications

- **Iliopoulou P.** and Stratakis P. (2019). "Spatial analysis of Airbnb in the Greater Athens Region, Greece", *12th International Conference of the Hellenic Geographical Society (ICHGS), Innovative Geographies II, Mapping and modeling our world*, Athens, Greece, November 1-4, 2019, available at http://www.hellenicgeosociety.org/el/system/files/2645_Iliopoulou_Spatial%20Analysis%20of%20Airbnb_0.pdf
- **Iliopoulou P.**, Tsatsaris A., Katsios I., Panagiotopoulou A., Romaliades S., Papadopoulos B. and Tselentis Y. (2018). "Risk Mapping of Visceral Leishmaniasis: A Spatial Regression Model for Attica Region, Greece", *Tropical Medicine and Infectious Disease*, 3(3), 83; available at http://www.mdpi.com/2414-6366/3/3/83?type=check_update&version=1
- **Iliopoulou P.** and Stratakis P. (2018). "Spatial analysis of housing prices in the Athens Region, Greece", *RELAND: International Journal of Real Estate & Land Planning*, vol. 1, available at <https://ejournals.lib.auth.gr/reland/article/view/6486>
- **Iliopoulou P.** (2015). *Spatial Analysis* (ebook), Hellenic Academic Libraries Link, available at <http://hdl.handle.net/11419/2059> (in Greek).
- **Iliopoulou P.** and Stratakis P. (2011). "Aspects of Rural Development in Greece: Indicators, Policies and New Opportunities", *51st European Congress of the Regional Science Association International: New Challenges*

for European Regions and Urban Areas in a Globalised World, 30th August - 3rd September 2011, Barcelona, Spain.

- **Iliopoulou P.** and Stratakis P. (2011). "Agricultural Policies for Rural Development in Europe: The Case of Greece", in Contreras L. M. (ed.): *Agricultural Policies: New Developments*, pp. 213-241, Nova Science Publishers: New York.
- **Iliopoulou P.** Stratakis P. and Tsatsaris A. (2008). "Transformation of rural patterns in Greece in a European Regional Development Perspective (The Case of Crete)", in Coccossis H. and Psycharis Y. (eds.): *Regional Analysis and Policy, The Greek Experience*, Springer Physica-Verlag: Heidelberg.
- **Iliopoulou P.** (2005). "Rural development in Greece: spatial patterns and policy implications", *45th Congress of the European Regional Science Association*, 23-27 August 2005, Vrije Universiteit Amsterdam.
- Miliareisis G. **Iliopoulou P.** (2004). "Clustering of Zagros Ranges from the Globe DEM Representation", *International Journal of Applied Earth Observation & Geoinformation*, 5 17-28.
- **Iliopoulou P.** (2001). "L' espace agricole (1961-1991)" en Burgel G. et Demathas Z. (édit.) *La Grèce face au troisième millénaire: territoire, économie, société 40 ans de mutations*, Athènes: Université Panteion et Université de Paris X (in Greek and French).
- **Iliopoulou P.** (1994). "Quantitative Geographical Analysis" in Getimis P., Kafkalas G. and Maraveyas N. (eds.): *Urban and Regional Development: Theory, Methodology, Policy*, Athens: Themelio (in Greek).
- **Iliopoulou P.** (1988). "An Evaluation of the Greek Regional Incentives Policy (1972- 87)", *Papers of the Regional Science Association*, vol. 64, pp. 137-153.
- Gould P. and **Iliopoulou P.** (1984). "Appropriate Mathematical Structures for Geographic Description", *Tech Chronicles TEE*, vol.4, pp. 80-112 (in Greek).