

## **POLIXENI ILIOPOULOU**

Professor, Department of Civil Engineering and Surveying & Geoinformatics Engineering, Technological Educational Institute of Athens

BSc Rural and Surveying Engineering, National Technical University of Athens

MSc Institute of Regional Development, Panteion University

PhD in Geography, The Pennsylvania State University

Email: [piliop@teiath.gr](mailto:piliop@teiath.gr)

Address: TEI of Athens, Department of Civil Engineering and Surveying & Geoinformatics Engineering, Ag. Spyridona Aegaleo, Athens 122 10

Polixeni Iliopoulou is currently Professor of Geography at the Department of Civil Engineering and Surveying & Geoinformatics Engineering (Degree in Surveying & Geoinformatics Engineering), TEI of Athens and director of the Geography laboratory. 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 Civil Engineering and Surveying & Geoinformatics Engineering, TEI of Athens, she is the director of the research team “Geography and Spatial Analysis” and she has been the coordinator of several research projects in cooperation with Greek universities and research centers.

### **Current Teaching**

- BA course in “Spatial Analysis”, Degree in Surveying & Geoinformatics Engineering, TEI of Athens
- BA course in “Physical Geography and Environmental Management”, Degree in Surveying & Geoinformatics Engineering, TEI of Athens
- BA course in “Land Management and Property Values”, Degree in Surveying & Geoinformatics Engineering, TEI of Athens

- MSc course in “Introduction to Research Methods and Data Analyzing Techniques”, Postgraduate Program in Wine and Beer Science, TEI of Athens

### Research Areas

- Quantitative methods in geography and spatial analysis in a GIS environment
- Economic geography with emphasis on rural development and the evaluation of regional policies.
- Environmental management
- Land management and spatial analysis of property values

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. (2016). Spatial Analysis (ebook), Hellenic Academic Libraries Link, available at <http://hdl.handle.net/11419/2059> (in Greek).
- **Iliopoulou P.** and Stratakis P. (2014). “Spatial analysis of the residential real estate market in the Greater Athens Region, Greece”, 1st International Geomatics Applications Conference, 08-10 September 2014, Skiathos island, Greece, Proceedings CD (K. Perakis ed.).
- **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.
- A. Tsatsaris, **P. Iliopoulou**, A. Panagiotopoulou, Y. Tselentis (2005). "A Geographical database for the Control of Leishmaniasis: The Case of Greater Athens, Greece", *Proceedings of the 10<sup>th</sup> International Symposium on Health Information Management Research – iSHIMR*.
- **Iliopoulou P.** (2005). "Rural development in Greece: spatial patterns and policy implications", *45<sup>th</sup> 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).
- **P. Iliopoulou** (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).