

Curriculum Vitae

Ioannis L. Katsios

Associate Professor of Thematic Cartography & G.I.S.
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Areas of Interest or Expertise

Thematic Cartography, Geographical Information Science and Systems, Geography, Regional Science, Urban Planning, GIS Applications in Spatial Decision Support Systems, Environmental Management, Land Registry, Water Supply Management, Spatial Epidemiology, Archaeology.

Education:

- PhD Thesis in Geographic Information Systems and Cartography, Department of Economic and Regional Development, Panteion University, Greece – 11/2005
- D.E.A. Géographie et Aménagement (Master Thesis in Geography and Territorial Management) Université de Paris, Sorbonne (Paris IV) – 7/1986
- Diploma in Rural & Surveying Engineering, National Technical University of Athens - 6/1985

Professional experience

- 1998-present. Associate Professor, University of West Attica, School of Engineering, Dept. of Surveying and Geoinformatics Engineering, Athens, Greece. Course teaching and laboratory training: "Thematic Cartography", "Geographic Information Systems", "Cadastral Applications and Land Information Systems (LIS)", "Analytical Methods of Geographic Information Systems", "Applications of Geographic Information Systems".
- 2001-02. Lecturer, Panteion University, Dept. of Economics and Regional Development, Athens, Greece. Course teaching: "Computer programming in Geographical Analysis"
- 1994-2014. Visiting Professor, National Centre for Public Administration & Local Government. Course teaching: Geographic Information Systems.
- 1990-2006. Director of the G.I.S. Unit of "Urban Environment and Human Resources Institute", Panteion University, Athens. Research Studies in Regional Development, Spatial Planning, Urban Planning, Environment, Geographic Information Systems and Thematic Cartography. Head of organization and instructor in educational programs of G.I.S for Scientists and Engineers of Government Organizations.
- 1985 – 1998. Land Surveying Engineer. Self-employed Consultant Engineer. Implementation of Land Surveying, Spatial Planning, Land Registry and Cartography projects.

Research Experience

- Scientific Coordinator in 5 international and national research programs. Assigning bodies: International Center for Black Sea Studies - ICBSS, Interreg IIIC-Sud Ecosind – PlanCost, Panteion University, Ministry of Environment and Spatial Planning.
- Scientific Associate in 13 international and national research programs. Assigning bodies: Ministry of Environment and Spatial Planning, Ministry of Culture and Tourism, Ministry of Culture, Interreg, Ministry of Finance, University of Thessaly, National Technical University of Athens, Aristotle University of Thessaloniki

Major Publications

- Katsios, I., Tsatsaris, A., Thematic Cartography Lectures, 2014 (Book). DISIGMA Publications 408 pages ISBN 978-960-9495-44-8
- Perperidou, D. G., Katsios, I., Sytermegia, K., (in press), Diversification of Activity Pattern of University Students during the COVID-19 Lockdown: Results from Online Survey at the University of West Attica, Greece. In Stratigea, A. Bakogiannis, E. (Ed.) Mediterranean Cities in Transition - Greek Contributions. Springer.
- Perperidou, D. G., Siori, S., Doxobolis, V., Lampropoulou, F., Katsios, I., 2020, Transfer of Development Rights & Cultural Heritage Preservation: a Case Study at Athens Historic Center, Greece, 4th SmartBlueCity Euro-Mediterranean Conference, October 9-10, 2020, Athens.
- 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
- Karalis, S., Karakostas, G., Katsios, I., 2017, Snowcover monitoring with MODIS product 10A2. 10th World Congress of European Water Resources Association, July 5-9, 2017, Athens.
- Tsatsaris, A., Pagounis, V., Vlizos., S., Katsios, I., 2016. Geospatial Technologies & Archaeological Research. 41st International Symposium on Archaeometry (ISA), May 15-21, 2016. Kalamata, Greece.
- Katsios, I., Vallatou, M., Karalis, S., Tsatsaris, A., 2014. Development of an earthquake-refuge zoning model using GIS. Proceedings of the "GEOMAPPLICA" Conference, 1st International Geomatics Applications Conference, ISBN 978-960-88490-9-9, pp 186-192
- Karalis, S. and Katsios, I., Karymbalis, E., 2014. Development and testing of a simple soil erosion model. Proceedings of the "GEOMAPPLICA" Conference, 1st International Geomatics Applications Conference, ISBN 978-960-88490-9-9, pp 323-329.
- Katsios, I., 2011. "ICBSS web-GIS observatory network for the environmental and sustainable development of the Black Sea area", Key-note presentation, 4th International Black Sea Symposium, "The Black Sea Region in Transition: New Challenges and Concepts", September 19-23, 2011, Vouliagmeni, Greece,
- Iliopoulou P. Tsatsaris A. and Katsios I. (2009). "Disease risk maps: the case of leishmaniasis in the Greater Athens Region, Greece", EUGEO 2009 Congress: "Challenges for the European Geography in the 21st Century", Bratislava Slovakia, August 13-16 2009.
- Sakellariou, A., Katsios, I., Magafosis, A., (2007) "*Multi-Criteria Spatial Decision Support System: Locating Industrial Zones with GIS*", 47th Congress of the "European

Regional Science Association" (ERSA 2007): "*Local governance and sustainable development*", 29/8-2/9/2007, Paris, France.

- Iliopoulou, P., Tsatsaris, A., Katsios, I., Panagiotopoulou, A., Tselentis, Y. (2007), "*Urban Expansions in the Greater Athens Region and the spread of Zoonoses: The Case of Leishmaniasis*". Fédération Internationale des Géomètres (FIG) Com3, UN/ECE CHILM & WPLA Workshop on Informal Settlements.
- Katsios, I., Tsatsaris, A., Sakellariou, A., (2006) "*Spatial Typology of the Greek Territory based on Transport Accessibility Indicators: A Cartographical Approach using G.I.S.*", 46th Congress of the "European Regional Science Association" (ERSA 2006): "*Enlargement, southern Europe and the Mediterranean*" 30/8-3/9/2006, Volos, Greece.
- Iliopoulou, P., Tsatsaris, A., Katsios, J.L, Panagiotopoulou, A., Koutsoumbis, V., Tselentis, Y., Papadopoulos, V., Antoniou, M., Ivovic, V., Myridis, M. (2006) "*A Geographical Database for the Control of Leishmaniasis: The Case of Greater Athens, Greece*", Annual Interregional Meeting of the Partners of EDEN (Emerging Diseases in a changing European eNvironment), 1/2006, Rovaniemi, Finland.
- Katsios, I., Tsatsaris, A., 2005. "Cartographic methods for calculating spatial indicators using G.I.S.: Accuracy of Choropleth Maps. Application to demographic and land cover indicators, TOPOS Review of Urban and Regional Studies, 24-25 / 2005, pp. 81-107, ISSN 1105-3267 (in Greek)
- Tsatsaris, A., Katsios, I., Dimitraki, M., Douvali, R., 2005, Geographical space and Diseases. Correlation of the geographical distribution of psychiatric illnesses with spatial components: Application in the prefectures of Ioannina and Magnesia. TOPOS Review of Urban and Regional Studies, 24-25 / 2005, pp. 131-146, ISSN 1105-3267. (in Greek)
- Kalivas, D., Katsios, I., Dolkas, K., Bekatoros, D., Bouloudis, G., Giotis, A. Holloway, B., Kakalika, P., (2004) "*Web-Based GIS*" in "*ESPON 3.1, Integrated Tools for European Spatial Development, Final Report Part C: New tools and instruments for European spatial analysis*", Editor: Bundesamt für Bauwesen und Raumordnung, Bonn, Germany, pp. 180-215, ISBN: 3-87994-021-5
- Baldwin-Edwards, M., Kyriakou, I., Kakalika, P., Katsios, I. (2004) "Statistical Data on Immigrants in Greece: An Analytic Study of Available Data and Recommendations for Conformity with European Union Standards", Migration Policy Institute-Greece, Mediterranean Migration Observatory, Athens.
- Getimis, P., Spanidis, N., Katsios, I. (1998) "*ESTIA - Spatial Observatory*", INTERREG IIC – CADSES, European Space and Territorial Integration Alternatives: Spatial Planning Priorities in Southeast Europe (Greece, Bulgaria, Romania, FYROM, Albania), 1st International ESTIA key meeting: General context and analytical framework, 16-17/10/1998, Thessaloniki, Greece.

Scientific reviewer

- "TOPOS" Review of Urban and Regional Studies
- "AEICHOROS" - Texts of Urban Planning, Spatial Planning and Development