

Selected Publications

1. P. Mitropoulos, I. Mitropoulos and I. Giannikos (2013), “Combining DEA with location analysis for the effective consolidation of services in the health sector”, *Computers and Operations Research*, 40:9, 2241-2250.
2. G. Alexandris and I. Giannikos (2010), “A New Model for Maximal Coverage Exploiting GIS Capabilities”, *European Journal of Operational Research* 202/2, 328-338.
3. I. Giannikos, “A fuzzy goal programming model for demand covering” (2010), *TOP- Journal of the Spanish OR Society*, 18:1, 185-202.
4. N. Mastroyannis, B. Boutsinas and I. Giannikos (2009), “A method for improving the accuracy of data mining classification algorithms”, *Computers and Operations Research* 36/10, 2829-2839.
5. N. Mastroyannis, B. Boutsinas, I. Giannikos and G. Antzoulatos (2009), “A new classification methodology based on ELECTRE I method and Data Mining classification techniques”, *Journal of the Operational Research Society* 60, 1085-1095.
6. P. Mitropoulos, E. Adamides, I. Giannikos and I. Mitropoulos (2009), “Developing an Integrated Solid Waste Management System using Exact and Heuristic Approaches: an Application in Western Greece”, *International Transactions in Operational Research* 16/3, 275-409.
7. P. Polychroniou and I. Giannikos (2009), “A fuzzy multicriteria decision making methodology for personnel selection in a Greek private bank”, *Career Development*

International 14/4, 372-387.

8. I. Giannikos and P. Polychroniou (2009), "A Fuzzy Goal Programming Model for Task

Allocation in Teamwork", International Journal of Human Resources Development and

Management 9/1, 97-115.

9. P. Mitropoulos, E. Adamides, I. Giannikos and I. Mitropoulos (2009), "Exact and

Heuristic Approaches for the Locational Planning of an Integrated Solid Waste

Management System", Operational Research: an International Journal 9/3, 329-347.

10. G. Alexandris, M. Dimopoulou and I. Giannikos (2008), "A Three Phase Methodology

for Developing or Evaluating Bank Networks ", International Transactions in

Operational Research 15/2, 215-237.

11. E. Adamides, I. Giannikos, P. Mitropoulos and I. Mitropoulos (2008), "A Multi-methodological Approach to the Development of a Regional Waste Management

System", Journal of the Operational Research Society, 60, 758-770.

12. M. Dimopoulou and I. Giannikos (2007), "The Effects of Variations of the Demand

Space Definition on the Demand Covering Models" Studies in Location Analysis, 16, 33-

64.

13. Sissouras, P. Mitropoulos, I. Mitropoulos and I. Giannikos (2006), "A biobjective

model for the locational planning of hospitals and health centers", Health Care and

Management Science 9, 171-179.

14. M. Dimopoulou and I. Giannikos (2004), "Towards an integrated framework for forest

fire control", European Journal of Operational Research 152, 476-486.

15. P. Miliotis, M. Dimopoulou and I. Giannikos (2002), "A hierarchical location model for

locating bank branches in a competitive environment”, International Transactions in Operational Research 9, 549-566.

16. M. Dimopoulou and I. Giannikos (2001), “Spatial Optimization of Resources Deployment for Forest Fire Management”, International Transactions in Operational Research 8, 523-534.

17. Giannikos I. (1998), “A Multi-objective Programming Model for Locating Undesirable Facilities and Routing Hazardous Wastes”, European Journal of Operational Research 104/2, 333-342.

18. S. Nickel, I. Giannikos et al (2008), “Some Personal Views on the Current State and the Future of Locational Analysis”, European Journal of Operational Research 104/2, 269-287, 1998.

Other Academic Activities

- Guest editor (with M. Dimopoulou) of the Special Issue of the European Journal Of Operational Research on “Recent Advances in Location Analysis”, EJOR 179/3, 2007. This special issue includes 22 papers of top researchers in Location Analysis.
- Member of the Coordination Board of the European Working Group on Locational Analysis (EWGLA).
- Member of the Scientific Committee of several international conferences on Location Analysis