

References

1. Kahraman C, Ruan D, Dogan I. Fuzzy group decision-making for facility location selection. *Inf. Sci. (Ny)*. 2003; 157: 135–53.
2. Kuo RJ, Chi SC, Kao S. A decision support system for selecting convenience store location through integration of fuzzy AHP and artificial neural network. *Comput Ind*. 2002; 47(2): 199–214.
3. Ocalir EV, Ercoskun OY, Tur R. An integrated model of GIS and fuzzy logic (FMOTS) for location decisions of taxicab stands. *Expert Syst. Appl.* 2010; 37(7): 4892–901. <http://linkinghub.elsevier.com/retrieve/pii/S0957417409010720>
4. Beheshtifar S, Alimoahmmadi A. A multiobjective optimization approach for location-allocation of clinics. *Int Trans Oper Res*. 2014.
5. Vahidnia MH, Alesheikh A, Alimohammadi A. Hospital site selection using fuzzy AHP and its derivatives. *J. Environ. Manage.* 2009; 90(10): 3048–56. <http://www.ncbi.nlm.nih.gov/pubmed/19477577>
6. Zhou L, Wu J. *GIS-Based Multi-Criteria Analysis for Hospital Site Selection in Haidian District of Beijing*. Högskolan I Gävle; 2012.
7. Van Haaren R, Fthenakis V. GIS-based wind farm site selection using spatial multi-criteria analysis (SMCA): Evaluating the case for New York State. *Renew. Sustain. Energy Rev*. 2011; 15(7): 3332–40. <http://www.sciencedirect.com/science/article/pii/S136403211100147X>
8. Gorsevski PV, Donevska KR, Mitrovski CD, Frizado JP. Integrating multi-criteria evaluation techniques with geographic information systems for landfill site selection: a case study using ordered weighted average. *Waste Manag.* 2012; 32(2): 287–96. <http://www.sciencedirect.com/science/article/pii/S0956053X11004296>
9. Yesilnacar MI, Suzen ML, Kaya BS, Doyuran V. Municipal solid waste landfill site selection for the city of Sanliurfa-Turkey: an example using MCDA integrated with GIS. *Int. J. Digit. Earth* 2013; 5(2): 147–64.
10. Onden I, Güngör C, Sen A. Integration of Integer Programming with GIS Analyzing Abilities for Determining the Convenience Levels of Retail Stores. *Procedia-Social Behav. Sci.* 2012; 62: 1144–50.
11. Buckley JJ. Fuzzy hierarchical analysis. *Fuzzy Sets Syst*. 1985; 17(3): 233–47.
12. Saaty T. *The Analytic Hierarchy Process*. Ed. New York, NY: McGraw-Hill, 1980.
13. Hsieh T-Y, Lu S-T, Tzeng G-H. Fuzzy MCDM approach for planning and design tenders selection in public office buildings. *Int. J. Proj. Manag.* 2004; 22: 573–84.
14. Kahraman C, Süder A, Kaya İ. Fuzzy multicriteria evaluation of health research investments. *Technol. Econ. Dev. Econ.* 2014; 20(2): 210–26.
15. Jenks GF. The Data Model Concept in Statistical Mapping. *Int. Yearb. Cartogr.* 1967; 7: 186–90.
16. Liou T-S, Wang M-JJ. Ranking fuzzy numbers with integral value. *Fuzzy Sets Syst*. 1992; 50(3): 247–55.
17. Sánchez-Lozano JM, Teruel-Solano J, Soto-Elvira PL, Socorro García-Cascales M. Geographical Information Systems (GIS) and Multi-Criteria Decision Making (MCDM) methods for the evaluation of solar farms locations: Case study in south-eastern Spain. *Renew. Sustain. Energy Rev*. 2013; 24:544–56. <http://www.sciencedirect.com/science/article/pii/S1364032113001780>
18. Malczewski J. GIS based multicriteria decision analysis: a survey of the literature. *Int. J. Geogr. Inf. Sci.* 2006; 20(7): 703–26. <http://www.tandfonline.com/doi/abs/10.1080/13658810600661508>
19. Malczewski J. *GIS and Multicriteria Decision Analysis*. Ed. John Wiley & Sons, Inc. New York, USA, 1999.