











- Hudak, P. F., 2001. Water hardness and sodium trends in Texas aquifers. *Environmental Monitoring and Assessment*, 68, pp. 177–185.
- Hudak, P. F., & Sanmanee, S., 2003. Spatial patterns of nitrate, chloride, sulfate, and fluoride concentrations in the woodbine aquifer of North-Central Texas. *Environmental Monitoring and Assessment*, 82, pp. 311–320.
- Isaaks, E.H., & Srivastava, R.M., 1989. *An Introduction to Applied Geostatistics*. Oxford Univer. Press, New York, USA.
- Jha, MK., Chowdary, VM., & Chowdhury, A., 2010. Groundwater assessment in Salboni Block, West Bengal (India) using remote sensing, geographical information system and multi-criteria decision analysis techniques. *Hydrogeology*, 18(7), pp. 1713–1728.
- Kaya, T., & Kahraman, C., 2011. An integrated fuzzy AHP-ELECTRE methodology for environmental impact assessment. *Expert Systems with Applications*, 38, pp. 8553–8562.
- Kolat, C., Doyuran, V., Ayday, C., & Süzen, M., 2006. Preparation of a geotechnical micro-zonation model using geographical information systems based on multi-criteria decision analysis. *Environmental Geology*, 87, pp. 241–255.
- Kumar, V., 2007. Optimal contour mapping of groundwater levels using universal kriging—a case study. *Hydrological Sciences Journal*, 52 (5), pp. 1039–1049.
- Mcgrath, D., & Zhang, C., 2003. Spatial distribution of soil organic carbon concentrations in grassland of Ireland. *Applied Geochemistry*, 18, pp. 1629–1639.
- Nas, B., & Berktaş, A., 2010. Groundwater quality mapping in urban groundwater using GIS. *Environmental Monitoring and Assessment*, 160, pp. 215–227.
- Saaty, TL., 1980. *The Analytic Hierarchy Process: Planning, Priority Setting, Resource Allocation*. McGraw-Hill: New York; 287.
- Saaty, T.L., 2006. Rank from comparisons and from ratings in the analytic hierarchy/network processes. *European Journal of Operational Research*, 168(2), pp. 557–570.
- Sener, E., & Davraz, A., 2013. Assessment of groundwater vulnerability based on a modified DRASTIC model, GIS and an analytic hierarchy process (AHP) method: the case of Egirdir Lake basin (Isparta, Turkey). *Hydrogeology Journal*, 21(3), pp. 701–714.
- Solnes, J., 2003. Environmental quality indexing of large industrial development alternatives using AHP. *Environmental Impact Assessment Review*, 23(3), pp. 283–303.
- Stein, M. L., 1999. *Interpolation of spatial data: Some theory for kriging*, Berlin: Springer.
- WHO (World Health Organization) (2011). *Guidelines for drinking water quality, fourth edition*. Geneva: WHO.
- Yamamoto, J. K., 2000. An alternative measure of the reliability of ordinary kriging estimates. *Mathematical Geology*, 32(4), pp. 489–509.
- Yimit, H., Eziz, M., Mamat, M., & Tohti, G., 2011. Variations in groundwater levels and salinity in the Ili River Irrigation Area, Xinjiang, Northwest China: a geostatistical approach. *International Journal of Sustainable Development & World Ecology*, 18 (1), pp. 55–64.