

- ❖ Alfarajat M, Hamddan I, Jaber K, Jasem H. GIS Mapping of Ground Water Vulnerability Against Pollution in Amman Using DRASTIC Index, Hydrogeologie und Umwelt, 2005.
- ❖ Jasem,H and Alraggad, M (2009): GIS modeling of the effects of climatic changes on the groundwater recharge in the central western parts of Jordan, Jordan journal of civil engineering, Vol. 3 No. 5,Jordan.
- ❖ Alraggad, M and Jasem H: Potentiality of Managed Aquifer Recharge (MAR) through surface infiltration in Azraq, Journal of water resources and protection, Dec 2010.
- ❖ Jasem,H and Alraggad, M: Assessing groundwater vulnerability in Azraq basin area using a modified DRASTIC index, Journal of water resources and protection, Nov 2010.
- ❖ Jasem, H, Shammout, Alrousan,D and Alraggad, M, the fate of Disi aquifer as stratigic reserve for shared countries (Jordan and Saudi arabia), Journal of natural resources and protection, Nov 2011.
- ❖ Alraggad, M, Al-Saleh, S, Al-Amoush,H, Jasem,H, and Isied, D,Vulnerability of groundwater system in central Jordan Valley/ Pollution indicators and decontamination process, Journal of natural resources and protection, March, 2012.
- ❖ Shammout, m, Jasem H. Discrete Multi-Criteria Optimization DSS for Water Scarce Basin: A case from Jordan, life sciences journal, June, 2014.
- ❖ Jasem. H. New Groundwater vulnerability index for the main aquifers in central Jordan and validation of the results using NO₃ concentration maps, World Environment Journal, February 2014.
- ❖ Jasem, H, Shatanawi. K: Groundwater vulnerability and Hydrochemical analysis of Disi sandstone aquifer –Jordan, International Journal of Applied Environmental Sciences, October 2014.