















- Vehari, Pakistan”, *Environmental Science and Pollution Research*, Vol. 27, 2020, pp. 39852-39864.
39. R. Manne, M. M. R. M. Kumaradoss, R. S. R. Iska, A. Devarajan, and N.Mekala, “Water quality and risk assessment of copper content in drinking water stored in copper container”, *Applied Water Science*, Vol. 12, No. 3, 2022, pp. 27.
40. S. Khalid, M. Shahid, Natasha, A. H. Shah, F. Saeed, M. Ali, S. A. Qaisrani, and C. Dumat, “Heavy metal contamination and exposure risk assessment via drinking groundwater in Vehari, Pakistan”, *Environmental Science and Pollution Research*, Vol. 27, 2020, pp. 39852-39864.
41. E. P. A. Pak, “National standards for drinking water quality. Pakistan Environmental Protection Agency, (Ministry of Environment) *Government of Pakistan*”, 2008.
42. W. A. Ahsan, H. R. Ahmad, Z. U. R. Farooqi, M. Sabir, M. A. Ayub, M. Rizwan, and P. Ilic, “Surface water quality assessment of Skardu springs using Water Quality Index”, *Environmental Science and Pollution Research*, Vol. 28, 2021, pp. 20537-20548.
43. World Health Organization, “Guidelines for drinking-water quality: first addendum to the fourth edition”, 2017.
44. WHO, “Guidelines for drinking water quality, 3rd edn. Incorporating first addendum. Recommendations, Vol. I, WHO, Geneva, 2006.
45. S. U. Fatima, M. A. Khan, F. Siddiqui, N. Mahmood, N. Salman, A. Alamgir, and S. S. Shaukat, “Geospatial assessment of water quality using principal components analysis (PCA) and water quality index (WQI) in Basho Valley, Gilgit Baltistan (Northern Areas of Pakistan)”, *Environmental Monitoring and Assessment*, Vol. 194, No. 3, 2022, pp. 151.
46. S. Jehan, S. A. Khattak, S. Muhammad, L. Ali, A. Rashid, and M. L. Hussain, “Human health risks by potentially toxic metals in drinking water along the Hattar Industrial Estate, Pakistan”, *Environmental Science and Pollution Research*, Vol. 7, 2020, pp. 2677-2690.
47. S. Iram, R. Sultana, M. S. ud Din, M. N. Ahmad, and Z. Shamrose, “Heavy Metal Concentration in Groundwater of Kirana Hill Region, Rabwah, District Chiniot, Pakistan”, *Int. J. Econ. Environ. Geol.* Vol, 9 No.1, 2018, pp. 21-26.
48. M. K. Daud, M. Nafees, S. Ali, M. Rizwan, R. A. Bajwa, M. B. Shakoor, M.U. Arshad, S.A.S. Chatha, F. Deebea, W. Murad, I. Malook and S. J. Zhu, “Drinking water quality status and contamination in Pakistan”, *BioMed research international*, No. 1, 2017, pp. 7908183.
49. M. F. Ahmed, U. Waqas, M. S. Khan, H. M. A. Rashid, and S. Saqib, “Evaluation and classification of water quality of glacier-fed channels using supervised learning and water quality index”, *Water and Environment Journal*, Vol. 35, No. 4, 2021, pp. 1174-1191.

