

Study of Pollution in Yamuna near Kotana Region Distt. Baghpat

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The metal pollution in water of river Yamuna in Baghpat in western U.P.India. was assessed for Cd, Cr, Cu, Fe, Ni, . The metal concentrations in water showed wide temporal variation compared with bed sediment because of variability in water discharge and variation in suspended solid loadings. Metal concentrations in bed sediments provided a better evaluation of the degree and the contamination in the aquatic environment. The ratio of heavy metals to conservative elements may reveal the geochemical imbalances due to the elevated metal concentrations normally attributed through anthropogenic sources.

Keywords: metal , sediments, Yamuna, aquatic, elevated