

HEAVY METALS IN AQUATIC SYSTEMS – A CASE STUDY

MANOJ DATAR

Abstract

Water quality in surface water systems is deteriorating day by day due to increased human activities like industrialization, urbanization etc. Heavy metal pollution in water is also increasing in the aquatic systems. The present paper is an attempt to investigate the presence of some heavy metals like Zinc, Copper, Cadmium, Lead and Iron in Betwa River in Vidisha District M.P. The adverse effects of the heavy metals are also discussed. The results obtained showed that the presence of metals like cadmium is found beyond permissible limits at some sites. The data obtained confirms the pollution of river water by heavy metals and thus disturbs the aquatic system.

Key Words : Aquatic, Betwa river, Heavy metal.