

**ANALYSIS OF HEAVY METALS IN JAIKWADI DAM WATER,
MAHARASHTRA (INDIA)**

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ABSTRACT

The fresh water ecosystem occupies a very small area in comparison to marine ecosystem. Now a day's degradation of these fresh water resources due to water pollution has become a serious problem for entire world. The effect of heavy metal on fresh water ecosystem has become global concern. These metals are persistent and once released the environment for a prolonged period. These heavy metals are well known pollutants, which are often encountered in many ponds, Lakes, rivers and dams of India and the most important aquatic fauna being subjected to stress caused by these heavy metals. Hence the present study is aimed to investigate some of the important heavy metals contents such as Iron (Fe), Copper (Cu), Manganese (Mn), Lead (Pb), Cadmium (Cd), Zinc (Zn) and Fluoride (F) of the Jaikwadi dam during the year 2012-2013.

KEYWORDS: Heavy Metals, Jaikwadi Dam, Ecosystem, Pollutants and Environment