

ASSESSMENT OF HEAVY METAL CONTENT IN GODAVARI RIVER WATER

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ABSTRACT

Out of 105 elements discovered and confirmed so far, over 65 are metals. Owing to their high thermal and electrical conductivity, high density, high melting and boiling points, malleability, ductility and other distinctly useful properties, metals find extensive use in human civilization. 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.

KEYWORDS: Godavari River, Heavy Metals, Ecosystem, Pollutants, Degradation and Environment