



**International Conference on Latest Trends in Engineering,
Management, Humanities, Science & Technology (ICLTEMHST -2022)
27th November, 2022, Guwahati, Assam, India.**

CERTIFICATE NO : ICLTEMHST /2022/C1122957

IMPACT OF HEAVY METALS ON FRESH WATER FISHES

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ABSTRACT

Heavy metals, pesticides, sewage, oil, and other pollutants in freshwater and marine environments have all been considered among the most serious threats to the environment. Human and ecological health as well as certain subtypes of illness, death, and disability is constantly impacted by the environment. Modern toxicological research is uniquely benefited by a wide range of fundamental sciences and medical specialties. Applied and translational research in this area quickly progresses into clinical applications and/or public health decision making since toxicology ultimately aims to identify compound-mediated harm and prevent or counteract any damage that could occur from exposures to particular substances. Pesticides are widely utilized across the globe to safeguard crops and the general public's health. In order to satisfy the demands of an expanding population and prevent vector-borne illnesses, greater production of food and fiber is crucial, and pesticides play a key role in this. However, the majority of sprayed pesticides impact creatures that are not their intended targets since they are released into the environment as a variety of toxicants, both recognized and undiscovered.