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Research Article

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Ecological Risk of the River Halda: A Perspective from Heavy Metal Assessment

Published On: August 23, 2022 | Pages: 066 - 079

Author(s): Mohammad Ashraful Alam*, Flura, Md. Anisur Rahman, Azhar Ali, Ahmed Ishtiaque Amin Chowdhury, Md. Hashibur Rahman, Md. Moniruzzaman, Md. Rahamat Ullah and Yahia Mahmud

To evaluate the present status of heavy metals in the sediments of river Halda, seven heavy metals, viz. Cd, Cr, Cu, Fe, Mn, Pb, and Zn were assessed by Bangladesh Fisheries Research Institute by collecting data from 4 sampling locations (Khondokia Khal, Katakhal, Madari Khal, and Madarsha) and ecological risk impending from these metals were depicted from the study. ...

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Review Article

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The current status of Barbus species in Lake Victoria Basin, Kenya: A review

Published On: September 27, 2022 | Pages: 092 - 097

Author(s): Emily Jepyegon Chemoiwa*

Lake Victoria is known for its rich fish biodiversity having been home to over 500 fish species. However, over 200 species have become extinct and as a result, it is classified as a world hotspot of species loss. Some of the examples of endemic species that disappeared from the lake and are endangered include the Haplochromines and the Barbus species. The Barbus speci ...

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A comparison of blue and silver vertically-suspended environmental enrichment

during Chinook Salmon and Rainbow trout rearing

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Author(s): Michael J Robidoux, Thomas Mauck, Nathan Huysman, Jill M Voorhees* and Michael E Barnes

This study evaluated the use of either blue or silver vertically-suspended environmental enrichment in two experiments, with one rearing Chinook salmon (*Oncorhynchus tshawytscha*) for 29 days and the other rearing rainbow trout (*Oncorhynchus mykiss*) for 98 days. In both experiments, there were no significant differences in total tank weight, gain, percent gain, feed co ...

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The use of underwater active and passive acoustics to locate and study fishes

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Author(s): Anthony D Hawkins*

This paper describes how fish can be located using sound, especially in the sea, but also in rivers and lakes. It describes the use of sound detections, including both passive and active acoustics, and it reviews each of these technologies and shows how they can be used to understand the distribution of sound-producing species and to examine information on the spawnin ...

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