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Research Article

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Aquatic Insects as Biomonitoring Tools in Assessing Water Quality in a Tropical Freshwater Ecosystem

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Background: Freshwater ecosystems, particularly in tropical regions, are increasingly threatened by anthropogenic activities that compromise water quality. Aquatic insects are widely used as tools for monitoring water quality in freshwater ecosystems. The ecological status of the Owena River, a tropical freshwater system in southwestern Nigeria, was assessed using aqu ...

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Impacts of Treated Wastewater on the Physico-Chemical Properties, Microbial Community and Heavy Metals Distribution in the Soils

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Author(s): Ubah JI*, Tochukwu Chibueze Ogwueleka, Abba A Simon and Barnabas I Musa

This study aims to study the soils adjoining the WUPA sewage treatment Plant in Abuja so as to assess the influence of treated wastewater on the physical, chemical properties, microbial community, and the accumulation of some heavy metals in the soils. Soil samples were collected from five locations in the entire area (four locations along the main canal conveying the ...

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