

# Impact of industrial effluents on River Owo, South West Nigeria

By Victor Kusemiju

LAP Lambert Academic Publishing Jan 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x15 mm. This item is printed on demand - Print on Demand Neuware - Characterisation of the industrial effluents from Agbara Industrial Estate showed the effluents to be varied and complex. Most analysed effluent parameters were above the permissible level of national effluent discharge in Nigeria. Twenty six macroinvertebrate families were identified from River Owo, none of which were found at the effluent outfall. The four families found at the effluent outfall were Tubifex tubifex, Nepa, Erisstalis and Chironomous species. They were the major exploiters of the Industrial Effluents and thus serve as possible pollution indicator organisms. The macroinvertebrate fauna in River Owo were dominated by insects(74.57%), and they were more abundant in the Rainy season compared with the Dry season. All the heavy metals found in the effluents were also found in the River and sediment. Under laboratory exposures, Tilapia zilli accumulated in its tissues 10 times the level in the medium of exposure. Growth of the fish was also retarded by effluents. Growth retardation and metal accumulation were found to be a function of the period of exposure and concentration in the media. 244 pp. Englisch.



### Reviews

This is basically the very best publication i actually have go through until now. It really is loaded with knowledge and wisdom I realized this publication from my i and dad encouraged this publication to discover.

### -- Bryana Klocko III

Very beneficial to all of type of individuals. This can be for those who statte that there had not been a really worth reading. You will not really feel monotony at at any time of your respective time (that's what catalogs are for concerning should you ask me). -- Michale Shields

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