



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_33608
Title of the Manuscript:	Heavy Metal Concentration of Selected Fishes and Water from Orogodo River, Agbor, Delta State
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	Accumulation of heavy metals in aquatic organisms in one of the most striking effects of such pollution. Some metals, in small amounts, are necessary for individual metabolic processes, being assimilated by marine organisms. However, their capacity to form complexes with organic substances can reach concentrations up to 1000 times higher than their assimilation and fixation in tissues, becoming toxic to organisms. The effects of these pollutants can be lethal or sublethal to all components of the biota, such as phytoplankton, zooplankton, benthos, fish, birds, and, finally, humans. These effects can be both teratogenic and mutagenic. In this case, the research seeks to evaluate the present levels of heavy metal concentrations in Orogodo River and to establish comparisons with maximum permissible concentration standards. From the results obtained which the actions that must be taken to minimize the presence of these heavy metals in the river.	
<u>Minor</u> REVISION comments	The paper addresses an important topic and the	



SDI Review Form 1.6

	authors' contribution should be acknowledged. But the publication should be improved for the acceptance of publication. Tables. Symbols a, b, c e d ????	
<u>Optional/General</u> comments		

Reviewer Details:

Name:	<i>Arnaldo Sarti</i>
Department, University & Country	<i>Department of Biochemistry and Chemical Technology, Universidade Estadual Paulista, Brazil</i>