

## **Effect of Arabian Gulf Crude Oil on the Freshwater Fish, *Oreochromis niloticus*: Bioassay, Behavioural and Biochemical Responses**

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ABSTRACT. Specimens of *Oreochromis niloticus* were exposed to lethal and sublethal concentrations of Saudi crude oil. The  $Le-50$  value was computed as 13.18 *mill*. The fish exposed showed changes in behaviour. Hyperglycaemia was observed in the fish exposed to sublethal concentrations and it persisted for the whole period of investigation. Glycogen level in muscle and Jiver became depleted. The reduction was more in higher concentrations in the latter phase of treatment.