

L'evolution des conditions physiologiques de Crassostrea rhizophorae en fonction des niveaux de bioaccumulation et du gradient de pollution



Informations gathered in the mangrove of the Fort-De-France bay of Martinique (F.W.I.) showed a decreased physiological condition of Crassostrea rhizophorae in the south part of the bay explained by the presence of zinc and by physico-chemical parameters modified in the wet season, such as decreased salinity and decreased levels of nutrients. Bioaccumulation of zinc, lead and cadmium was highly correlated to sediment contamination. Contamination by pesticides and organochlorides was found mainly in oysters from the North part of the bay, characterized by industrial activities and agricultural inputs.

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