

**Title of Article:** Waste Management and Water Quality Issues in Coastal States of Nigeria:  
The Ogun State Experience

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**Abstract:** Waste dumping and inadequate waste management efforts are having adverse impact on the environment and humans in Nigerian coastal cities. Nine of the 36 states in Nigeria border the Atlantic Ocean. Twenty-five percent of the Nigerian population is found in the coastal states. These states, with the exception of Lagos, Ogun and Ondo, are more prone to petrochemical wastes arising from petroleum exploration. Field investigations, surveys and literature searches were conducted in order to accomplish the task of this research. Field studies included testing for dissolved oxygen, biological oxygen demand, nitrates, phosphate, total solids and pH.

**Keywords:** coastal zone, solid waste, effluent, water quality, Ogun State