

**Establishment of Pak-EPA Marine Water Pollution Monitoring Center
at National Institute of Oceanography**

- Sponsoring Agency: Ministry of Environment
- Executing Agency: Pak-EPA/ NIO
- Cost: Rs. 39.93 Million
- Duration: 3 years
- Project Coverage: Karachi

- **Development Objective:**

The proposed project aims to identify the pollutants and their levels in the coastal areas of Pakistan and also study their impact on the fauna and flora of the coastal area of Pakistan.

- **Objectives:**

- Collect baseline data for the formulation of rules and regulations for control of marine pollution along Pakistan coast.
- Toxicological assessment of chemicals and effluents in the coastal and offshore waters.

- **Key Activities:**

- Collect information will also help the regulatory bodies in reviewing the levels of pollutants entering into our environment
- Monitoring the pollution levels in seafood chain transformation from lower tropics level to higher.
- Monitoring Toxicity in marine and estuarine environments.
- Generate information to bring into perspective in the applicability of laboratory testing to field assessment.
- Identify lethal effects of chemicals on commercial species of the marine environment.
- Identify native species, which are sensitive to various chemicals entering in our environment.
- Identify and determining levels of bio-accumulants in seafood to ensure safety of health of local consumers as well as meeting standards of seafood importing countries.
- Generate information and disseminate to concerned agencies as well as to general public through scientific papers, seminars and popular articles etc.