

## Pre-Construction Environmental Impact Study for Tana Delta Irrigation Project, Kenya

(Period of the study: 12 months from January, 1990    Our assignments: Environmental Impacts Assessment)

### Background of the Study

Tana Delta Irrigation Project was planned to perform fully mechanized rice production under estate system through reclamation of Tana Delta extending at the mouth of Tana River by the loan of OECF. The project is supporting the Kenyan implementing agency in various fields including not only construction works but also farm operation and environmental conservation. Tana Delta is the vast grassland fully inundated during flood and thus the area is uninhabited by human beings and becomes important habitat for wild birds and animals. It is therefore important to implement the project under the coexistence with wildlife.

### Outline of the Study

Contents of the study were Pre-Construction Baseline Survey, Environmental Impact Assessment, Formulation of Monitoring Plan, Implementation of Monitoring and Formulation of Environmental Conservation Plan. Practically, the survey team was organized by the staff from Nairobi University, National Museum, NGO of wildlife conservation and the team implemented the field survey and planning activities under the cooperation with Kenyan Wildlife Services and UNEP. Field survey was carried out in the fields of vegetation, wildlife, agriculture, animal husbandry, water quality and public health. Afforestation program was proposed in order to protect the rare wildlife species.

### Our Assignments

- Team organization for Pre-Construction Baseline Survey and the implementation of the survey,
- Impact assessment of the project to the environment and the formulation of monitoring plan, and
- Team organization for monitoring survey and the implementation of monitoring survey.



