

## 2 Outline of the Study

Human activities in recent years – like a rapid expansion of urban area and ever increasing automobiles – have negatively affecting the environment in Egypt.

This study focuses on following categories, as they are highly important matters of Egyptian environmental issues.

- a. Natural Environment
  - 1) Biodiversity; distribution of rare animals and forest protectorates
  - 2) Condition of indigenous and secondary nature (environment in cities and rural area)
  - 3) International supports on biodiversity and forest protection
- b. Air Quality
  - 1) Current status and issues on non-point source pollution (mobile sources like cars)
  - 2) Status of the Cairo Air Improvement Project (CAIP) conducted by USAID
  - 3) Status of energy conversion
- c. Water Quality
  - 1) Condition and issues on sewage treatment
  - 2) Condition and measures on water pollution in general and in agricultural drainage
  - 3) Condition and measures on pollution in brackish lakes
  - 4) Condition and measures on groundwater pollution caused by industrial effluent and landfills
  - 5) Status of wastewater reuse in factories and sewage treatment plants
  - 6) Water quality standard and its status of implementation/strengthening by EEAA and other line ministries
- d. Waste Management
  - 1) Condition and issues on waste management
  - 2) Condition and issues on hazardous wastes management
- e. Other environmental issues
  - 1) Current situation of framework for CDM projects
  - 2) Use of renewable energy
  - 3) Status of the introduction of the cleaner technology

In addition, the study team visited the composting plant in Alexandria, which was built with Japanese assistance, and the Nile Delta region to see the actual situation of waste management practices in first hand. The team also conducted interview survey from officials in charge of

waste management in Tanta where the team visited the landfill site. Furthermore, the team visited Japanese Friendship Forest and participated to ‘plant trees in desert of Egypt’ campaign.

In this report, environmental issues in national scale with emphasis in above items will be discussed in each chapter.

Following is the member of the study team, and schedule of the visit.

Member of Study Team

Name		Affiliation
Team Leader	Shoji NAKAMURA	Overseas Environmental Cooperation Center, Japan Researcher, Entrusted EX CORPORATION Overseas Policy Research Division
Member	Shin OKAMOTO	Overseas Environmental Cooperation Center, Japan Researcher, Entrusted EX CORPORATION Overseas Policy Research Division
Member	Kenji SAKURAI	Overseas Environmental Cooperation Center, Japan Researcher, Entrusted Techno Chubu Company Ltd. Environmental Survey Dept.

Schedule of Visit

Saturday 20 November 2004	Narita ~ Cairo
Sunday 21	International Cooperation Department, EEAA
	Pollution Control Division, EEAA
	Industrial Inspection Unit, EEAA
	Nature Protection Sector, EEAA
	Environmental Management Sector, EEAA
	Environmental Quality Sector, EEAA
Monday 22	Hazardous Substances Department, EEAA
	Air Quality Department, EEAA
	Waste Management Department, EEAA
	Water Quality Management Unit, MWRI
Tuesday 23	Energy Services Business Association (ESBA)
	Environmental Committee, Federation of Egyptian Industries
	Gharbeya Governorate
	Tanta Governorate, Waste Landfill Site in Tanta
	Organization for Energy Planning and Consumption
Wednesday 24	National Water Research Center
	• Drainage Research Institute
	• Groundwater Research Institute
	Environmental Counselor, Danish Royal Embassy
	Egyptian Public Authority for Drainage Projects (EPADP)

Thursday 25	FCC, Waste Management Private Sector in Giza and Cairo General Organization for Industrialization
Saturday 27	Alexandria Regional Branch Office, EEAA Composting Plant Alexandria Hazardous Waste Management Project
Sunday 28	Team Leader, GTZ Environment Division, USAID Egyptian Public Authority for Drainage Projects (EPADP)
Monday 29	Agricultural Research Centre (Soil & Water Research Institute) Trip to Afforestation Project Solid Waste Management Department, EEAA
Tuesday 30	New and Renewable Energy Authority
Wednesday 1 December	Donor's Workshop
Thursday 3	Site survey, rural area (secondary nature), Departure from Cairo ~
Friday 4	~ Narita