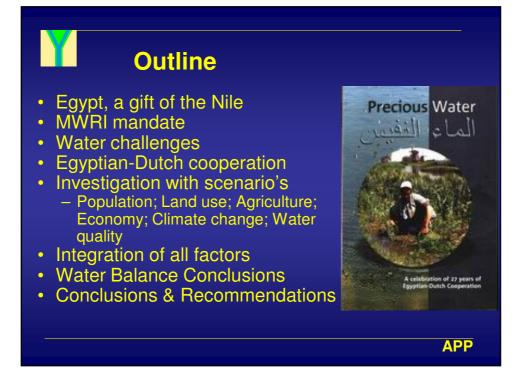
The Egyptian-Dutch Advisory Panel on Water Management

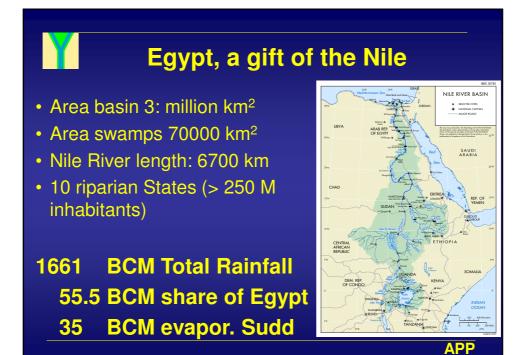
Integrated policies are a must to face future water scarcity in Egypt

Delta Conference, 30 September 2010, Rotterdam

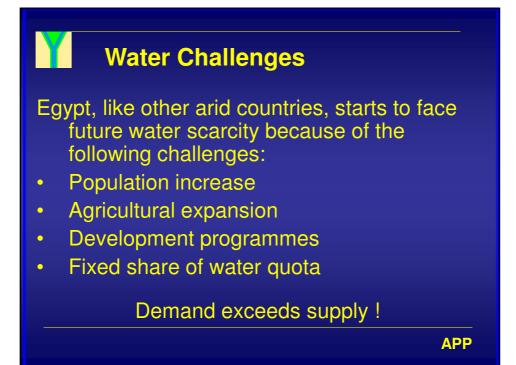
Dr. Samia El Guindy

Panel Member Ministry of Water Resources and Irrigation, Egypt Vice-President International Commission on Irrigation & Drainage









Egyptian-Dutch cooperation/ APP

Objective:

... to assist, in an advisory capacity, MWRI in carrying out its responsibilities with regard to managing the water resources of Egypt more efficiently and effectively...

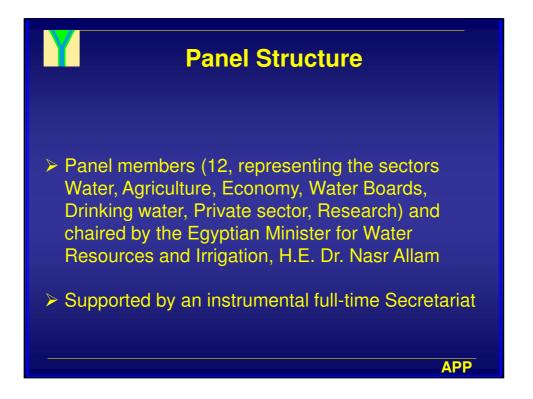


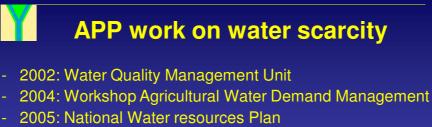
Egyptian-Dutch Advisory Panel on Water Management/ APP

Long term (1976-date) bi-lateral water cooperation, developed from technical to policy and institutional issues. Panel tools:

- Annual Meeting
- Annual Workshop(s)
- Working Group and Task Force Meetings
- Consultancy missions
- Training programmes
- Initiating projects (> 40 projects)
 Leading to Implementable Recommendations

APP

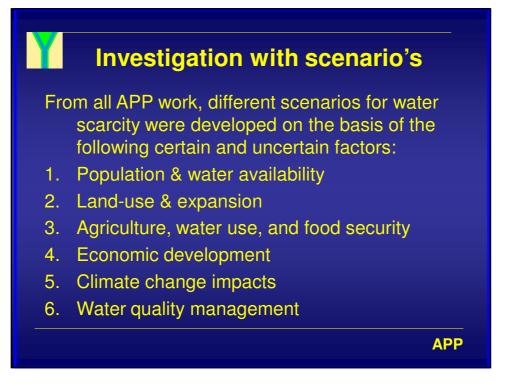


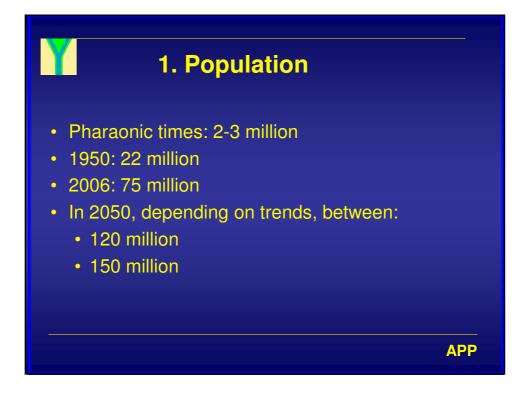


- 2007: Workshop Facing Future Water Scarcity
- 2007: consultancy study on required sectoral measures
- 2008: Consultancy on Climate Change Impact
- 2008: Consultancy on Drought management
- 2008: Consultancy Facing Future Water Scarcity
- 2008: Policy Note Facing Future Water Scarcity
- 2009: Consultancy on Water Awareness

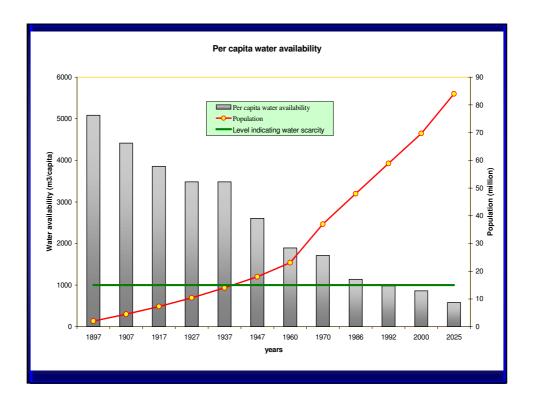
This presentation based on all APP work

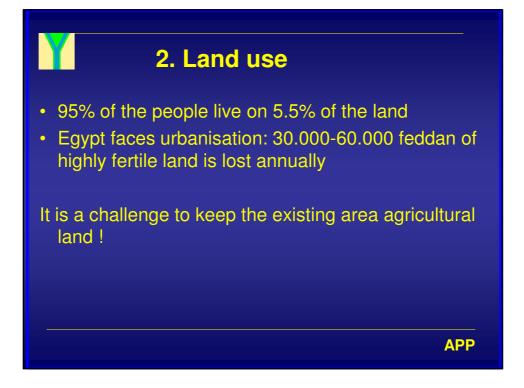
APP

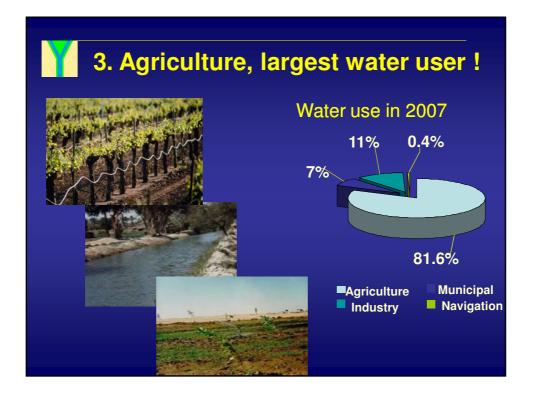


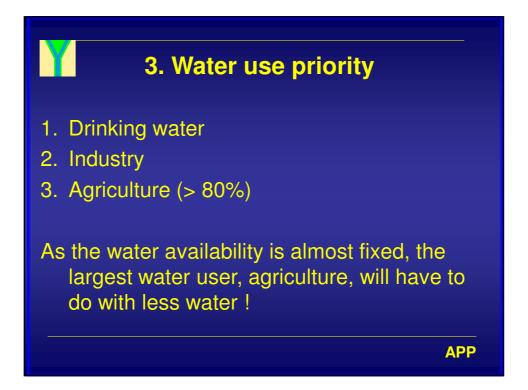




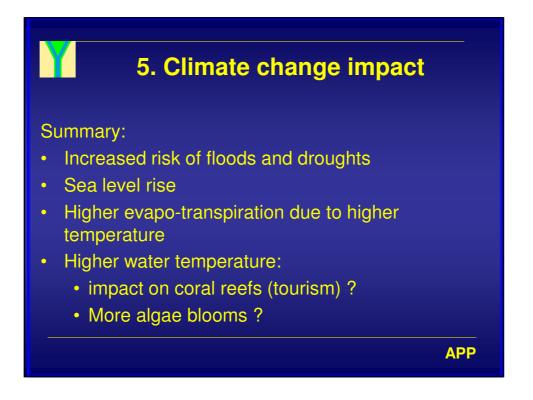


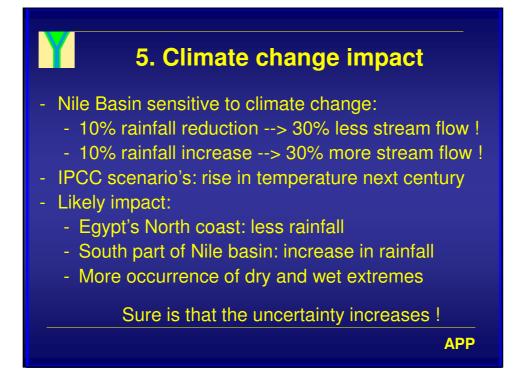


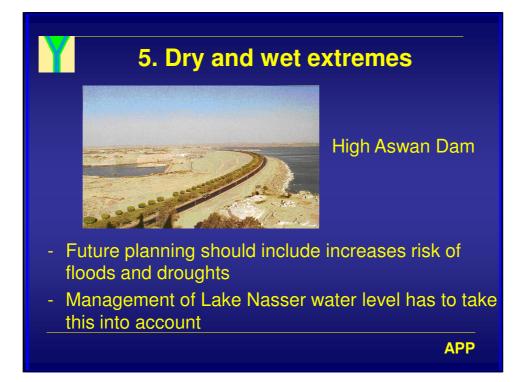










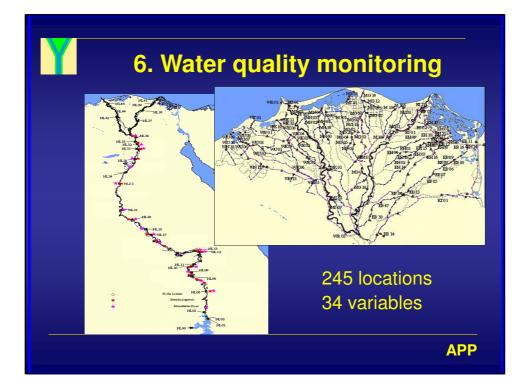




- Drainage system designed to receive land drainage water
- Drains become polluted due to dumping of domestic and industrial waste effluent, and agro-chemicals
- In the Delta, some drainage water is pumped into irrigation canals to mix and for use downstream
- Through APP, priorities for waste water treatment were identified, to fit with the re-use policy









APP

Conclusions water balance					
Item	1997	2017	Pess.	Trend	Optim.
Consumptive use agriculture	38.5	38.7	29.8	38.0	44.1
 Water for agriculture may remain stable, but can decrease (pessimistic) or increase (optimistic) Very limited possibility for more cultivable area Productivity may/ should increase, but food security may require imports 					
					APP

