

FATMA ATTIA

EGYPT

Current Position: Professor Emeritus,
Research Institute for Groundwater Kanater,
Egypt

Dr. Fatma Attia specializes in Water Resources management - Groundwater the Groundwater Sector. Her key experiences are:

- Institutional development of systems and organizational structures to suit various cultural/working conditions in Egypt (the Groundwater sector, water users in the oases, wadis, etc.).
- Management of water resources, with special emphasis on groundwater and wadi systems.
- Design of groundwater-based irrigation and drainage projects, preparation of tender documents and specifications, evaluation of tenders, supervision of execution, monitoring and evaluation.
- Numerical modeling and simulation of groundwater flow and groundwater quality.
- Capacity building, including training needs, training material, and implementation of training programs.
- Advising research and development programs, and supervision of post graduates programs at Egyptian and Mediterranean universities/institutes.
- Carrying out environmental impact assessment of water related projects.
- Participation in the preparation of material and conduction of awareness campaigns in the field of groundwater protection.
- Consultant of various national/regional/international agencies in the field of groundwater management and integrated water management.

She has also served as Deputy Chair person of the National Water Research Center, and was the First Under Secretary, Head of the Groundwater Sector, Ministry of Water Resources and Irrigation. Responsible for the initiation of the Groundwater sector as well as for Planning and management of groundwater and related water resources (wadi management, rain water harvesting) all over the Egyptian territory. She was also the Director of the Research Institute for Groundwater (RIGW), which is one of twelve institutes of the National Water Research Center (NWRC) of the Egyptian Ministry of Public Works and Water Resources (MPWWR).