



General Data

- Position:** Emeritus Professor
- Name:** Mohamed Samir Mahmoud Farid
- Date and place of birth:** 26.07.1942 , Tanta, El-Gharbiya, Egypt **Nationality:** Egyptian
- Marital status:** Married
- Education:**
- | | |
|------|---|
| 1985 | Ph.D. in Groundwater Management in Nile Delta, Cairo University, Egypt. |
| 1980 | M.Sc. in Nile Delta Groundwater Study, Cairo University, Egypt. |
| 1968 | Diploma in Irrigation and Hydraulics Dept, Cairo University, Egypt. |
| 1964 | B.Sc. in Civil Engineer Department, Faculty of Engineer, Ain Shams University, Egypt. |
- Languages:** Mark 1 to 5 for competence, where 5 is the highest
- | | <u>Speaking</u> | <u>Reading</u> | <u>Writing</u> |
|---------|-----------------|----------------|----------------|
| Arabic | | Mother tongue | |
| English | 4 | 4 | 4 |
| French | 3 | 3 | 3 |
- Memberships:** Engineering Syndicate 91/2, **IHS** membership No.5682
- Years of professional experience:** 49 years **Years with firm:** since 8/9/1964
- Key qualifications:** Set plans and policies for water resources development, management and conservation in Egypt. Heading of different group of experts in the area of water resources. Initiate water resources projects in co-operation with foreign governments and authorities. Coordinator for various projects for water resources development. Performing field investigations and experiments concerning groundwater and Wadi hydrology. Performing training courses and activities. Advisor for scientific thesis. Experience with foreign joint project, and Arabic countries.
- Country experience:** Egypt, Libya and Oman



Employment Record & Experience

- 2002 – Present - Emeritus Professor, WRI.
- 1994 – 2002 - Director of WRI.
- 1992 – 1994 - Hydrological and Hydrogeological Expert, Ministry of Agriculture and Fisheries, Oman:
- Sahal Nawt recharge dam project (1992–1994), advisor and set the recharge plan and programme.
- 1988-1992 - Deputy Director, Groundwater Research Institute.
- 1985-1988 - Head of the Research and Project Division, Groundwater Research Institute.
- 1977 – 1985 - Senior Engineer, Groundwater Research Institute
- 1972 – 1977 - Hydrological & Hydrogeological Team Leader Expert, Egyptian Consultant Authority for Water Resources Development (Libya).
- Wadi Ben Gawwad project 2nd stage, project manager (1975-1977).
 - Wadi Sert, Garef Ben Gawwad and Quababa projects (1972-1977), performing hydrogeological and hydrological aspects.
- 1964 – 1966 - Engineer, Arab Contractor Company, Osman Ahmad Osman.

Project as:-

- 1- Protection of Railways of Qena – Safaga (National Project), with a length of 223 km.
- 2- Protection of the Economic Area Northwest Suez Gulf from Flood risks (1999), South Part, (National Project).
- 3- Protection of El-Paliza Area from Flood Risks, Assuit (1999).
- 4- Design of 17 Detention Dams and 5 Storage Dams and 3 Underground Tanks in Wadi Watir, Sinai (1999).
- 5- Team leader of foreign joint projects such as MIT (USA), ISAWIP (Canada) and IWACO (Netherland) "1977-1985", and JICA Japan "1995-1999".
- 6- Protection of the Economic Area Northwest Suez Gulf from Flood Risks (1998), North Part, (National Project)
- 7- Protection of Industrial Community in Nagh El-Shwena from Flood Risks, Qena (1997).
- 8- Protection of Railways of El-Gaafra region, Aswan (1997).
- 9- Protection of Power Station in Sagultah Area, Sohag (1997).
- 10- Protection of Fuel Tanks in Dranka from Flood risks, Assuit (1996).
- 11- Protection of El-Kawther Area from Flood risks, Sohag (1995).
- 12- The gravity-based El-Godirat Dam with a capacity of one million cubic meter, Sinai, Egypt
- 13- The earthfill-based Talet El-Badan Dam with a capacity of 400,000 cubic meter, Sinai, Egypt
- 14- Protection of Dahab City from Flood Risks, Sinai.



15- Expert in Arabic countries such as Libya (1972-1977) and Oman (1992-1994).

Skills & Training

Computer: Operating systems (Windows XP).

- Develop G.W management model for Nile Delta aquifer.
- Application of Seawater Intrusion and Wadi Hydrology Models.

Training:

- (1) Providing training courses in groundwater and Wadi hydrology to the training center of Ministry of Water Resources & Irrigation.
- (2) Providing Training for the staff of the Ministry of Agriculture and Fisheries of Oman, and Libya.

Publication

Attended many workshops, symposia and seminars in Egypt and abroad. More than 40 papers have been presented and published Since 1978 as a samples:

- 1- Farid M.S., and A. Amer, 1986, "An Approach to Handle Sea-Water Intrusion in Nile Delta Aquifer", Proceedings of 9th Salt-Water Intrusion Meeting, pp. 329-344, Delft, the Netherland.
- 2- Farid M.S., and A. Amer, 1987, "A Management Approach for Nile Delta Aquifer", Proceedings of Intern. Symposium on Water for the Future, Rome, Italy.
- 3- Farid M.S., 1987, "An Optimization Approach for Selecting Feasible Groundwater Policies in Nile Delta", Proceedings of the Intern. Symposium and Workshop on Groundwater Economics, Barcelona, Spain.
- 4- Farid M.S., 1988, "A Hydraulic Management Approach for Saltwater Intrusion Using Two-Level Pumping Mechanism", Proceedings of 10th Salt-Water Intrusion Meeting, pp. 238-244, Geological Institute, Ghent, Belgium.
- 5- Farid M.S., et. al., 1989, "Technical-Economics Screening for Groundwater Planning – Case Study in the Eastern Nile Delta", International Journal of Water Resources Development, Vol. 5, No. 4, pp.259-272, Guildford, England.
- 6- Hefny K., and M.S. Farid, 1990, "A Strategy for Environmentally, Sound Management of Groundwater in the Nile Valley", Proceedings of the Intern. Commission on Irrigation and Drainage, 14th Congress, Rio de Janeiro, Brazil.
- 7- Farid M.S., et. al., 1992, "Decisive Factors between Environmental Developments and Nitrogen in Egypt's Nile Delta Groundwater", Proceedings of the 16th European Regional Conference, Vol. II, ICID, Budapest, Hungary.
- 8- Farid M.S., 1993, "Groundwater and Water Security in the Future of Salalah Region in Oman", Proceedings of the Intern. Conference on Geoscientific Research in North-east Africa, Technical University, Berlin, Germany.