

A Curriculum Vitae

Co- PI:Nasr GameilAiner



Name : Nasr GameilAiner.

Date of birth: 6/11/1945

Place of birth :Gharbia, Egypt.

Nationality : Egyptian

Presentpost : Chief researchers and head of water requirements and field irrigation research department, soil, water and environment Res. Inst; Agric. Res. Center.

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Academic and Professional Education

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| 1984 | Ph. D. (Water requirements of maize crop. Faculty of Agric. Mansoura University |
| 1981 | Diploma in Irrigation from Bari institute Italy. |
| 1976 | M.Sc. Faculty of Agric. Tanta University |
| 1969 | B.Sc. (Agronomy). Fac, of Agric, Cairo University |

Employment Record:

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| Since 1994 | Chief of research (Prof.) with special focus on the crop and climate change crop-modeling studies in Egypt. Participated in many projects. Both nationally and international. Supervisor of M.Sc. and Ph.D thesis. |
| 1989-94 | Senior researcher (assistant Prof.) participated in the plan of on-farm & water requirement research plan. Participated in the Nile valley project anMinya governorate on improving the flooding irrigation system.
Researcher (lecturer). Participated in PL-480 project "Water Requirements |
| 1984-89 | of some high yielding crops". |
| 1976-84 | Researcher assistant for water requirements and agrometeorological researches with special reference to climatic conditions impact on ETcrop, growth and yield of major crops. |
| 1970-1976 | Assistant researcher for agrometeorological researches (weather parameter in relation to growth and yield as well as ET fer field crops). |

Key Qualifications:

His background in soils, water requirements, and agro-climatology enables Dr. N.G.Ainer cover the full range of requirements in On-Farm Water Management. And Climate Change Studies. In over 50 Publications on optimized field irrigation and fertilization schemes and the following measurements of evapotranspiration and water losses. Soil and water management. Effect of irrigation and fertilization on crop yield. Water requirements and water use efficiency. Calculation of reference crop evapotranspiration and irrigation scheduling using different mathematical models (computer programs). Performance of modern irrigation techniques. Evaluation of surface irrigation system (optimize its efficiency). Principles and strategies for sustainable land use. Deficit irrigation. Climate change. Salt and water balance. Soil and water conservation. Field irrigation and agroclimatology. Dr. N.G.Ainer has proven to be a practically oriented specialist.

National Activities:

- 1- Head of water Requirements and Field irrigation research Department from 2002 up to now.
- 2- Deliver lectures and applied training on different aspects of water management and soil-water-plant relationships to the agriculture engineers at agricultural Training Centers.
- 3- Supervise 6 scientific thesis (3 Ph.D. and 3 M.Sc graduations) on the field of soil and water management practices.
- 4- Participated the following projects as soil and water subject matter specialist:
 - * Water requirements of some high yielding major crops (PL 480-150).
 - * Egypt water use and Management project (EWUP, USAID).
 - * Egypt Major Cereal Crops Improvement Project (USAID).
- 5- Senior Researcher; on-farm irrigation Management Demonstration Program- Irrigation Improvement Project (IIP) World bank Project Ministry of water resources and Irrigation.

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International Activities:

- 1- Irrigation expert; Ministry of Agriculture united arab Emirate march 1987- October 1991.
- 2- Participated in the international conference of irrigation and drainings 1987 in Morocco.
- 3- External coordinator for a training course on the management of water resources and water use efficiency for the dry lands in JCARDA, Aleppo from April to June 2002.

Conferences:

Participated the following:

- 1- Conference of Field irrigation and Agroclimatology, June 20-23, 1988, Dokki, Egypt.
- 2- Environmental Assessment Seminar, Alexandria, Egypt, May 28-30, 1991.
- 3- Conference of On-Farm Irrigation and AgroclimatologyDokki, Egypt, January. 1995
- 4- Participated more than forty national, regional and international conferences and workshops on the following topics:
 - Field irrigation and agroclimatology.
 - Agricultural research and development.
 - On-Farm soil and water management.
 - Optimization of water use.
 - Development of water resources.
 - Sustainable land use.
 - Climate change and agriculture.
 - Improving the rainfed and irrigated agriculture.

Technical Visits:

- Irrigation projects in different countries:
 - Italy, United Arab Emirates, Morocco, Greece, India and Syria.