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CURRICULUM VITA

EDUCATION

- 1989 Ph.D. Environmental Science, College of Environmental Science and Forestry, State University of New York (CESF-SUNY) and Syracuse University, Syracuse, NY, USA.
- 1982 M. Sc. (written Thesis) Natural Resources, Cairo University, Egypt.
- 1981 M. Sc. Graduate Diploma (Written Thesis) in Environmental Management and Protection. University of Dresden, Germany.
- 1980 M.Sc. (Dipl.) Industrial Business Management with written project, Ain Shams University, Cairo, Egypt.
- 1971 B.Sc. Agriculture Engineering, Cairo University, Egypt.
- Intensive program of 'Remote Sensing for Land Use Inventories' in ISPR CENTER, Italy. The Commission of the European Communities September- October 1982 organized this course.

EXPERIENCE *(List all previous teaching and administrative positions held relative to Higher Ed.)*

Prairie View A&M University

- 1989-2009 Faculty in computer Science
- 2009- Present Senior Research Scientist and Faculty, Chemical Engineering Department.

Ministry of Planning

- Ministry of Planning, Cairo-Egypt as Planning Expert and my work was 1) as Reviewer of Feasibility Studies of Industrial Projects for Ministry of Industry in Egypt 1975-1985, 2) Preparation of scientific reports related Egyptian industrial sector; 3) Preparation of the annual plan and five year plan of the Egyptian Industrial Sector; 4) Measuring the performance indicators of Egyptian industrial sector from the economic point of view; 5) Provided advice to the Ministry of Industry related their annual budget and the approved projects.

NASA

- 2000& 2001 NASA – JPL Faculty Summer Researcher from PVAMU.

Oak Ridge National Laboratory

- 1992-1996 Oak Ridge National Laboratory –Environmental Science Division as visiting faculty.

Texas A&M University

- 1994-1995 Texas A&M University – Summer Faculty Researcher from PVAMU.

University of Houston

- 1994-2000 University of Houston – Summer Faculty Researcher from PVAMU.

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

- 2001 **A reviewer** for Millennium Ecosystems. "Reviewing Condition and Trends Chapter 13: Nutrient Cycling, in MA Condition and Trends Assessment".
- 2004. **Invited Speaker** By UNESCO to make a presentation about Oil Bioremediation in .
- 2008-2014 **Fulbright Specialist Expert** for Different Countries in the World.
- 2007-2008 **Major Advisor** of Ph.D. Thesis student visiting to Prairie View A&M University from Ain Shams University, Cairo, Egypt.
- 2010 **Fulbright Reviewer** for the Candidates of Fulbright.
- 2010 Established the *International Journal of Environmental Science and Engineering* (IJESE)- ISSN 2156-7530
- **Received Teaching Excellence Award (2009- Fall and Spring Semester 2008-2009)**; 2) Received **Congratulation Letter** from Senator Kay Bialy Hutchinson, Senator of TEXAS for receiving competitive scientific grant from NASA; 3) Received Prairie View A&M University, College of Engineering and Architecture Excellent Award in Service 1996; 6) Recognized and distinguished scientist in the Ministry of Planning (Minister Decision No. 30, 1982).

PROFESSIONAL ACHIEVEMENTS AND PUBLICATIONS *(5-7 most recent)*

- **Published more than 45 Journal , proceedings and a scientific book for Researchers and Graduate Students.**
- **Selected publications** 1) (2009/2010) in Press: Sustainable Economy of Ecological Footprint: Economical Analysis and Impacts. **Environmental Economics Conference May 2010**, Cypress; 2) (2008) Physico-chemical environment of Lake Edku, Egypt. **Egyptian J. Aquatic Biology and Fisheries**. Vol.2 Pages 119-132. ISSN 1110-1131.; 3) (2006 IEEE) Agro-ecological Data Aspects in Arid Zone and Role of Remote Sensing. 2006 IEEE International Geoscience and Remote Sensing & 27th Canadian Symposium on Remote Sensing; 4) Earthworms survival in oil contaminated soil. Published in **Plant and soil** 2002, 240, 127-132, Kluwer Academic Publishers, Netherlands.