Curriculum Vitae

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Personal Information:

Birth date	18/1/1968
Nationality:	Egyptian
Place of Birth:	Port-said, Egypt
Martial Status:	Married and one son
Address	Soil and water Department, Faculty of agriculture, Suez Canal University. Ismailia, Egypt.

Languages

Arabic:	Native Speaker
English:	Fluent

Education

Institute / University	Country	Year of Graduation	Degree
Suez Canal University	Egypt	2006	Ph.D. in Soil Sciences (Soil Microbiology)
Suez Canal University	Egypt	1998	M. Sc. in Soil Sciences (Soil Microbiology)
Suez Canal University	Egypt	1991	B.S. in Agricultural Sciences (Soil & Water Sciences) Grade: Very good with honor degree

Employment History

2006 until now
- Lecturer of Soil Microbiology, Department of Soil and water, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt

1998 - 2006
- Assistant Lecturer, Department of Soil and water, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt

1995 - 1998
- Demonstrator, Department of Soil and water, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt

1992 - 1995
- Research student, Department of Soil and water, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt

Teaching Experience

Teaching/co-teaching:

Institution	Courses	Course Level
Suez Canal University	Soil Microbiology	Under-graduate (fourth year)
	Aquatic ecosystem pollution	Under-graduate (third year)
	Water and soils of fish ponds	Under-graduate (third year)
	Soil and Water analysis	Post-graduate
	Soil Biotechnology	Post-graduate

Research Interests

My principal research interest is in the area of Soil and environmental Microbiology. They can be broken down into several specific areas of activity. One of these is the use of phosphate solubilizing bacteria to improve phosphorus availability under Egyptian soils conditions. A second area is the use of plant growth promoting rhizobacteria (PGPR) to increase the growth and yield of cereals, legumes and other crops. This led to the isolation of several new PGPR strains from different rhizospheric soils plant grown in Suez Canal region, Ismailia, Egypt and detect of a material, produced by a PGPR that causes direct stimulation of plant growth. A third area of research is the use of PGPR as soil bioremediation.

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Training and Workshops

Jan. 11 – Feb. 3, 2000	• Workshop on "preparation of the university teacher", Suez Canal University, Ismailia, Egypt
July 10th – 10 August, 2004	• Training on "Fundamentals for environmental protection and sustainable development", like heavy metal pollution in waters and microbial contamination and prevent/remediation in environment at INCA Consortium, Venice, Italy, Tempus programme, project JEP-30031-2002
April, 2005	• Workshop on "Studies on environmental Impact and Hazards", Suez Canal University, Ismailia, Egypt
Dec. 2005	• Workshop on "Communication skills" , Suez Canal University, Ismailia, Egypt
Jan. 2006	• Workshop on "Scientific Research Methodology", Suez Canal University, Ismailia, Egypt
Feb. 2006	• Workshop on "Thinking Skills", Suez Canal University, Ismailia, Egypt
Dec. 2006	• Workshop on "Technology of Teaching Methodologies", Suez Canal University, Ismailia, Egypt
19-20 Nov. 2007	• Workshop on "Online Distance Education", Co-organized between the United Nations University-Global Virtual University and Suez Canal University.
22 Jan. – 30 Jun. 2007	• E-Teaching I. The International Online Tutor Course. United Nations University/Global Virtual University (UNU/GVU).

Conferences and Seminars

September 6-10, 1993	• 6th International Conference of Biological Nitrogen Fixation in non-legume plants, Ismailia, Egypt
December 15-16, 1996	• The National Symposium on Nitrogen-Fixing Leucaena Trees, El-Arish, North Sinai Governorate, Egypt.
April 4-6, 1998	• 27th Symposium on Agro-Technologies Based on Biological Nitrogen Fixation for Desert Agriculture, El-Arish, North Sinai Governorate, Egypt.
May 24, 2004	• Co-Convener for the Symposium on "El-Salam Canal Project: Land Reclamation and Salinity problems" Suez Canal University
9-10, July 2007	• 2nd International Conference on the Role of Genetics and Biotechnology in Conservation of Natural Resources, Ismailia, Egypt.
27-31, October 2007	• 8th African Crop Science Society Conference, El-Minia, Egypt.
December 5, 2007	• Seminar in title "Studies on Plant Growth Promoting Rhizosphere Microorganisms". In Botany Department, Faculty of Science, Suez Canal University, Ismailia, Egypt.

Projects Experiences :

1998-2002	• Member of the teamwork of the project entitled (Reclamation of desert land by using wastewater sludge and cement kiln dust, PDSKP).
2000-2001	• Member of the teamwork of the project entitled (Influence and Residual Effects of Some Organic Wastes on Crop Productivity, Quality and Soil Properties).
2001-2002	• Member of the teamwork of the project entitled (Sewage Sludge Compost).
2003-2004	• Member of the teamwork of the project entitled (Improvement of cereal crops production in El-Salam Canal projects lands).

Professional Membership:

- Member of the Egyptian Society of Soil Sciences
- Member of the Agriculture research journal, Suez Canal University
- Member of the Egyptian Society of Environmental Sciences, Faculty of Science, Suez Canal University
- Member of the Microbiological Applied Society, Suez Canal University

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Puplications

Theses

M.Sc. The Influence of Phosphate Solubilizing Bacteria in the Soil and Rhizosphere on Phosphorus Availability. Soil Science dept., Faculty of Agriculture, Suez Canal University, Ismailia, Egypt.

Ph.D. Studies on Plant Growth Promoting Rhizosphere Microorganisms. Soil Science dept., Faculty of Agriculture, Suez Canal University, Ismailia, Egypt.

Conference papers

1- **Abd El-Azeem, S.A.M**; Mehana, T.A. and Shabayek, A.A. (2007). Response of faba bean (*Vicia faba* L.) to inoculation with plant growth- promoting rhizobacteria. 2 nd International Conference on the Role of Genetics and Biotechnology in Conservation of Natural Resources, Ismailia, Egypt, 9-10, July 2007.

2- **Abd El-Azeem, S.A.M**; Mehana, T.A. and Shabayek, A.A. (2007). Response of wheat (*Triticum aestivum* L.) to inoculation with plant growth- promoting rhizobacteria. 3 rd International Conference on Future Trends in Genetics and Biotechnology for Safe Environment, Ismailia, Egypt, 8-9, July 2008.

Journal paper

1- **Abd El-Azeem, S.A.M**; Mehana, T.A. and Shabayek, A.A. (2007). Response of faba bean (*Vicia faba* L.) to inoculation with plant growth-promoting rhizobacteria. The International Journal of Environmental Sciences, CATRINA, 2(1):67-75.

2- **Abd El-Azeem, S.A.M**; Mehana, T.A. and Shabayek, A.A. (2007). Some plant growth promoting traits of rhizobacteria isolated from Suez Canal Region, Egypt. African Crop Science Conference Proceedings, 8: 1517-1525.

3- Abdel-Hadi, M. and **Abd El-Azeem, S. A. M.** (2008). Biogas and Methane Production from Buffalo Dung under Heating and Mixing Conditions in Vertical and Horizontal Digesters. **In press**

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Reference

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