

# Curriculum Vitae

**Dr. Ahmad H. Farhod AL-Zubaidi, Prof.**



**Date of Birth :** 1938

**Place of Birth :** IRAQ

**Nationality :** Iraqi

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**Work (Mailing) address :** College of Agriculture , Abu – Ghraib, IRAQ

**Marital status:** Married with 3 daughters

**Current status & address:** Visiting Professor, Faculty of Agricultural and Food Sciences, American University of Beirut – Lebanon  
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## Qualification :

BSC. in plant production, College of Agriculture, University of Baghdad (1957-1961).

PhD. in soil chemistry, Moscow State University (1961-1966).

## Occupation :

Instructor (1966-1972), Assistant Professor(1972-1985), Professor since 1985 at the University of Baghdad, College of Agriculture, Soil Department.

Head of soil department (1985-1986).

The Dean of College of Agriculture, University of Baghdad since May 2003 until May 2006.

At this time I am Visiting Professor at the American University of Beirut since September 2006.

## Scientific activities:

### 1- Teaching and Research:

Soil chemistry, Soil Thermodynamic, Soil Kinetics, Soil Salinity, Quality of irrigation water and Land Reclamation

### 2- Publications:

**105 Scientific papers.**

**5 Textbooks.**

### 3-Graduate studies supervision:

**15 PhD Theses**

## 21 MSc Theses

### **Languages:-**

Arabic, English, Russian and little Germany

### **Research leaves and experiences:-**

- 1) One year research leave (1972-1973) at the University of Leipzig , Germany
- 2) Sabbatical leave (1981-1982) at the University of Alberta, Canada.
- 3) Sabbatical leave (2006-2007) at the American University of Beirut - Lebanon.
- 4) Short scientific visits to Germany (1976),University of Jordan(1991), University of Sana'a(2000) and ICARDA, Syria(2000),University of Birmingham(2004),University of Nebraska(2004),University of Florida(2004)
- 5) Study and evaluation of three agricultural projects in Iraq (1974-1976), and some agricultural projects in Libya (1989), as a member of team.
- 6) Selected as the 1996 and 2003 distinguished professor of the year in the college of Agriculture, University of Baghdad.
- 7) Chairman of the editorial board of Iraqi Journal of Agriculture, Vice chairman of the Iraqi Society of Soil Science since 1996. Member of the editorial board of three periodical Iraqi Journals
- 8) Member of the top Scientist Award for Iraqi Scientists Competition since 1997.
- 9) Several letters of appreciation and thanks been received from ministers and official authorities for excellent efforts and works.

### **Participation in International Scientific Congresses, Conference, Symposia and Workshops: (Some and not all)**

- 1- 10th. Inter. Soil Science Congresses, Moscow, Russia, 1974.
- 2- International Salinity Conference. Lubbock, Texas, USA, 1976.
- 3- International Symposium on the Use of Isotopes and Radiation in Research on Soil – Plant Relationships.
- 4- Workshop on Chemicalisation of Plant Production in the Tropics and Subtropics. Leipzig. Germany, 1977.
- 5- Workshop on Solonetzic Soils, Edmonton. Canada, 1982.
- 6- 13th. International Congress of Soil Science. Hamburg, Germany, 1986.
- 7- Third International Symposium on Genetic Aspects of Plant Mineral nutrition. Braunschweig, Germany, 1988.
- 8- International Symposium on Dynamics Salt-affected Soils. Nanjing, China, 1989.
- 9- International Symposium on Sustainable Management of Salt Affected Soils in the Arid Ecosystem. Cairo, Egypt, 1997.
- 10- Regional Workshop on Potassium and Water Management in West Asia and North Africa. Amman, Jordan, 2001.
- 11- Management of Higher Education. Kassel, Germany, 2005.

## Some Selected Publications:

- 1- Quick method for determine soil salinity by means of Glass Electrode. Agro chemistry. No.2 (135-141), 1965 (Russian).
- 2- The use of Sodium and Potassium glass electrodes for the study of the activity of sodium and potassium ions in soils. Iraqi J. Agric, Sci, No4 (13-26), 1969.
- 3- Plant indicators of alluvial soils of central Iraq. Vegetation. V. 23 (315-322), 1971.
- 4- Leaching of Euphrates saline soils in lysimeters. Journal of Soil Science, V.22 (504-513), 1971.
- 5- Activity of sodium in calcareous soil suspensions. Soviet Soil Science, No. 2 (102-104), 1972.
- 6- Chemical characteristics of some Iraqi soils. Beitrage Trop. Landwirtschaftshch. Veterinarmed. No. 12 (299-322), 1974.
- 7- Resistance to soda salinization of some Iraqi soils. Proc. of the international salinity conference Texas, USA. (333-338), 1976.
- 8- Content of different potassium forms in some Iraqi soils. Iraqi. J. Agric. Sci. V.XIV (214-240), 1979.
- 9- Use of radiocative sodium -22 to study the processes of soil salinization and desalinization. Proceeding of Symposium on (Isotopes and radiation in research on Soil – Plant Relationships). Sri Lanka, Colombo. International Atomic Energy Agency publications, Vienna. (259-270), 1979.
- 10- Cation exchange characteristics of some alluvial soils of Iraq. Iraqi J. Agri. Sci, V.XV (60-77), 1979.
- 11- Chemistry of reclamation of Solonetzic Soil treated with combination of lime, gypsum and tillage. A progress report solonetzic soil in Alberta, Canada, Alberta solonetzic soils work group, Alberta (32-52), 1982.
- 12- Effect of tillage in combination with chemical amendmets on reclamation of a solonetzic soil. Canadian J. Soil . Sci. 62(641-649), 1982.
- 13- Ion pairs in solonetzic soil . Canadian J. Soil . Sci. 63(479-484), 1983.
- 14- Activity and activity coefficients of sodium and other ions in Solonetzic Soils. J. Agric. Water Reso. Res. V.4(119-131), 1985.
- 15- Ion pairs and their significance in Saline Soils. Proceeding of International Society of Soil Science. Hamburg, V.2(218-118), 1986.
- 16- Movement of sodium concentration peak in saline soils under different methods of leaching. J. Indian Soc. Soil. Sci. V.36(14-21), 1988.
- 17- Stages and phases of soil salinization process in Mesopotamian plants. Proceedings of International Symposium on Dynamics of Salt – affected Soils. Nanjing, China. (112-125), 1989.
- 18- Interaction between nitrogen and phosphorus fertilizers and soil salinity and its effect on growth and ionic composition of corn.(*Zea mays*)Genetic aspects of plant nutrition, (195-202), 1990. Ed. N. EL-Basam et.al. Academic publishers, The Netherlands.
- 19- Phosphate Equilibrium in Al-Ahwar (marsh) soils. IPA. J. Agric. Res. V.6(233-249), 1996.

- 20- Effect of potassium application in saline soils on the growth and salt tolerance of corn. Proceeding of the international symposium on sustainable management of salt affected soils in the arid ecosystem. Cairo. (498-508), 1997.
- 21- Potassium status in Iraqi soils. Regional workshop on proceedings of potassium and water management in West Asia and North Africa. Amman, Jordan. Nov., 2001(129-142).
- 22- Boron and its species in saline soils of Iraq. 7<sup>th</sup> international meeting on soil with Mediterranean type of climate Valenzano (Bari), Italy. Sept.2001.