**Brief Curriculum Vitae**

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**Name : Sayed Khalil KHATTARI**

**Date of Birth : 1947**

**Nationality : Jordanian**

**Health Limitation : None**

**Contact Address: Dept. of Land, Water and Environment**

 **Faculty of Agriculture**

 **University of Jordan (U of J)**

 **Amman- Jordan**

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**Academic Qualifications:**

**Ph.D. (1973-1977): Texas A & M University – U.S.A**

 **Soil Fertility and Plant Nutrition. W. B. Anderson-Advisor.**

**M.Sc. (1970-1973): Texas A & M University \_ U.S.A**

 **Soil Chemistry and Fertility. L. R. Hossner-Advisor.**

**B. Sc. (1965-1969): Cairo University - Agronomy**

**Language Ability:**

**Language : Reading Writing Speaking**

 **Arabic: Excellent Excellent Excellent**

 **English: Excellent Excellent Excellent**

**Present position and Academic Rank :**

 **Professor ( since 1992): Agriculture Resources and Environment**

 **Management (Soil Sciences)**

 **Dept . of Land , water and Environment .**

 **University Of Jordan**

**Date of Appointment:**

 **April 1, 1978 - University of Jordan.**

**Major interests and Activities:**

**Planning and capacity building in teaching graduate and undergraduate**

 **levels, Training, research and consultation on:**

* **Monitoring of land quality and pollutants of different sources**
* **management of agriculture chemical ( fertilizers and amendments) inputs**
* **Environment impact Assessment (EIA) for land and water resources**
* **Use of organics and organic waste materials in agriculture**
* **Use of treated wastewater and land quality assessment**
* **Rehabilitation of Traditional farming as to European good agriculture practice (GAP) requirements**

**Administration Experience:**

**Dean : Faculty of Agriculture - (Aug. 1995-Aug. 1997).**

 **Mu'tah University, Karark – Jordan.**

**Vice-Dean of Graduate Deanship for scientific faculties /**

 **University of Jordan (1999 -2000)**

**Director of the Environmental Science and Management Program.**

 **Deanship of graduate studies (1999- 2000)**

 **Vice-Dean: Deanship of Student's Affairs : University of Jordan.**

 **(Sept. 1993-Aug. 1995).**

 **Assistant Dean For Research: Faculty of Agriculture - (Sept.**

 **1990- Sept. 1993) University of Jordan.**

 **Dept. Head: Dept. of Agricultural Resources and Environment ,**

 **(Formerly, Soils and Irrigation) July 1984-July 1986).**

 **Faculty of Agriculture - University of Jordan.**

**Dept. Head; Water Resources and Environmental Management.**

 **(2001- 2002).**

 **Director and Assistant Dean :Agricultural Research Station.**

 **Colleges of Agriculture / Al-Balqa' Applied University**

 **Some relevant major activities:**

**1. Team Leader for the project “Integrated Environmental Management**

 **of Agricultural Production Inputs in the Jordan Valley”. Center**

 **for Strategic Studies / University of Jordan.(1994-2000)**

 ***The project is mainly concerned with the application of the***

 ***European standards on agricultural products according to the good***

 ***agriculture practice “GAP”. Proper use of fertilizers, and other***

 ***chemicals inputs and practices were implemented and monitored,***

 ***assessment of pesticides residues and heavy metals in areas***

 ***irrigated with treated wastewater. During the course of work,***

 ***several vegetable crops were successfully grown including Okra,***

 ***Pease ,Tomato ,Pepper an Beans .***

**2. Teem leader for the study "Impact of draught on the range land**

 **,forage and livestock in Jordan"**

**3. member of the "National Committee for the Environmental Impact**

 **Assessment of the Gulf War on Agriculture resources in Jordan**

 **Submitted to the United Nations (UNCC).**

 **4. Member of the " National Advisory Committee for Water and**

 **Agricultural Environment Monitoring and Sustainability".**

 **(2000).**

**5. Project Coordinator and senior researcher - "Environmental**

 **Impact Assessment of Cultivation Practices in Jordan Valley"**

 **Environment Unit - Center for Strategic Studies - University of**

 **Jordan (1994-1999).**

**6. Member of the "Technical Committee - Agriculture and Water**

 **Sector" - Higher Council for Science and Technology**

 **Amman - Jordan. (1990 -1995). Responsibilities included:**

1. ***Setting the policy of science and technology (S & T) related to water and agriculture sector in Jordan.***
2. ***Forming task forces for studying the different aspects of water and agriculture problems.***
3. ***Evaluation and assessment of research and studies supported by the council.***

 **7. Consultant for "Jordan - Kuwait Co. for Agriculture and Food**

 **Products "Liquid Fertilizer Manufacturing" (1987-1990).**

 **Responsibilities included:**

1. ***Formulating all fertilizers grade needed for different crops at different growth stages.***
2. ***Designing fertilization programs for different existing crops***

***Based on the known scientific bases.***

1. ***Capacity building for Ag. Engineers to serve as extension agents in the field.***

 **8. Member of the task force for finalizing the science and**

 **technology policy of water and agriculture / National Center for**

 **Agricultural Research and Technology Transfer. (NCARTT).**

**9.Member of the directive technical committee of " Jordan Badia**

 **Research and Development Program " (July 1990 - 1997). This**

 **teem served as counterpart to the British Partners with different**

 **disciplines. Duties included Identifying research priorities,**

 **planning and following-up the implemented research activities**

 **relevant to human and natural resources development.**

**10.Assistant Dean for research - Faculty of Agriculture (Sept.**

 **1990-Sept. 1993). Responsibilities included :**

1. ***Chairing the major research committee in charge of reviewing and approving research projects submitted by faculty members and graduate students.***
2. ***Setting the research plan for the faculty, with other teem member.***
3. ***Coordinating between the Faculty of Agriculture and different parties concerned with agricultural research in Jordan.***

**11.Chairman and member of the " Research Committee " in the**

 **Dept. of Agricultural Resources & Environment.**

1. **Member of the Research Council - " Deanship of Scientific Research " - University of Jordan. (1990-1994). Council responsibilities included, *financing, approving, and follow-up research activities of the different faculty members in the University.***

**13.Member of the National task force for preparing**

 **agricultural policy (Rainfed agriculture) for Jordan, in**

 **collaboration with American consultant company, financed by**

 **the World Bank.**

**14.Member of the " Coordinating team for research strategy and**

 **Mid-term plan for the " National Center for Agriculture Research**

 **and Technology Transfer " (NCARTT). Jordan, in Collaboration**

 **with international agencies.**

**15.Member of referees committee for Al-Hijjawi award of**

 **excellence in agricultural research. (1994 & 2000).**

**16.Committee member of Fertilizer standardization and quality**

 **control at the Ministry of Industry and Ministry of Agriculture.**

 **(1985-1991), (1999-2000).**

**Consultation Activities:**

**Many consultations on local and regional level including Arab Organization for Agricultural Development, in subject's related to land resource management, environmental problems, and fertilizers industry**

1. **Member of study team for "production of potato tubers project in Disi". The Egyptian – Jordanian company.**

 **2. Member of study team for "Cereal Production Under Central pivots**

 **in Southern region of Jordan".**

 **3.Consultations for Fertilizers Production – Arab Potash Company**

 **4.Member of consultation teem by Arab Organization for Agriculture**

 **Development (AOAD) ,for studying the vegetable and lawn seed**

 **production in Saudi Arabia 1984.**

**Awards, Fellowships, and Advanced training:**

1. **Distinguished Researcher for the year 2011- 2012 . University of Jordan.**
2. **Teaching and Research Assistantships during the graduate study at Texas A & M University.**
3. **Research Fellowship by DAAD (Summer 2003) to work on**

 **Environmental quality of soils and crops in the Jordan**

 **Valley. Work was carried out at Hohenheim University-**

 **Stuttgart - Germany**

1. **Fulbright Scholars award for Research (1989), Spent at Washington State University - Dept. of Agronomy and Soils. Pullman, WA/USA.**
2. **Deutcher Akademischer Austansh Dient (DAAD) Fellowship (1983); Spent at Bonn University - West Germany. Studying Soil Environment Pollution with heavy metals.**
3. **International training course on the use of N-15 in soils and plant nutrition (1979); Leibzig - Federal Republic of Germany (formerly).**
4. **International training course on the use of isotopes and radiation techniques in studies of soils and plant relationship (1984). Seibersdorf - Austria.**
5. **Participant in the Capacity Building Program on Environmentally Sustainable Development in the Middle East and North Africa. Economical Development Institute (EDI) of the World Bank. Washington, D. C/USA (1995).**

**Research Activities Include:**

 **- Heavy metals in soils and vegetable crops in the Jordan Valley.**

 **- Rehabilitation of the range land in the southern Badia - of**

 **Jordan, (1997-2001) in collaboration with the Higher Council**

 **for Science andTechnology and Muta'h University.**

**- Fertility and nutrition of irrigated and rain-fed fruit and vegetable**

 **crops, using regular and isotopes techniques. In collaboration**

 **with ICARDA.**

1. **Improvement of cereal production through soil moisture**

**conservation and increasing fertilizer use efficiency using nuclear techniques.**

1. **Environmental studies on the reuse of treated wastewater & sewage sludge in agriculture, and soil pollution with heavy metals.**

1. **Research and Coordinator of the " Environment-Socioeconomic project in the Jordan Valley Conducted by the Center for Strategic Studies- University of Jordan.**

**Special Skills :**

**Handling and use of radioactive and stable isotopes in agriculture research.**

**Publications :**

 **Total of more than 50 scientific publications in refereed journals**

 **and extension materials.**

 **Books :**

 **Soils Science (Translation),**

 **Soil Fertility,**

 **Plant Nutrition,**

 **Soil Conservation (in Arabic).**

**Areas of Teaching and training :**

**- Environment ,Land management ,Soil Sciences ,and soil fertility and fertilizers.**

 **-Supervising graduate Students.**

 **Undergraduate Courses:**

 **Environmental Soil Fertility and Fertilizers.**

 **Plant Nutrition.**

 **Soil Science.**

 **Graduate Courses :**

 **Soil Fertility**

 **Soil-Plant-Water Environmental Analysis**

**Geographical Experience :**

**Countries which were visited in missions, including workshops, conferences, and project evaluation, (\*more than one visit).**

**\* U.S.A. (more than 25 states) including USDA tour to the great planes agriculture. Canada, \* W. Germany, \*Austria, Italy, France, \*Yugoslavia, Hungry, Russia (USSR), \* Turkey, \*Bulgaria, Greece, East Germany (formerly), Iran, \*Syria, \*Egypt, Morocco, Tunisia, Sudan, Saudi Arabia, Bahrain, and Switzerland, Oman , Yemen ,Kenyia**

**NGOs membership**

 **Jordan Environment Society – JES**

 **Chairman ,Scientific Committee**

 **P.O.Box 922821 - Amman- 11192-Jordan.**

 **Jordan Society for Desertification Prevention and Badia**

 **Development. (Active member). P. O. Box 9109994-Amman**

 **11191- Jordan.**