



## **Curriculum Vitae – Resume**

# **Mahmoud Rahil, Associate Professor**

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### **Personal information:**

Date and place of birth: 1975 / Al-Faraa Camp – Jenin – Palestine  
Social status: Married  
Nationality: Palestinian

**Permanent address:** Al-faraa Camp, Jenin – Palestine

**For contact:** Voice: 0599-097842  
E-mail: mrahail@yahoo.com

### **Educational background:**

- Ph.D. in Wastewater Reuse and Management – Department of Hydraulics, Soil Science and Agriculture Engineering – Aristotle University of Thessaloniki – Greece (2002-2006).
- M.Sc. in Land and Water Resources Management – Mediterranean Agronomic Institute of Bari – Italy. (1998-2000).
- B.Sc. in Plant Production and Protection – Faculty of Agriculture – An-Najah National university – Palestine (1994-1998).

### **Ph.D. and M.Sc. Theses:**

- Rahil M., 2006. Irrigation with treated municipal wastewater. Experimental measurements, simulations and impacts on soil, plants and environment, Ph.D. thesis, Aristotle University of Thessaloniki – Greece.
- Rahil, M., 2000. Supplementary irrigation using treated sewage effluent on bread wheat, M.Sc. thesis, Mediterranean Agronomic Institute of Bari – Italy.

### **Professional experience:**

- Associate professor, Faculty of Agricultural Science and Technology, Department of Environment and Sustainable Agriculture, Palestine Technical University-Kadoorie, 2016-present.
- Dean, Faculty of Agricultural Science and Technology, Palestine Technical University-Kadoorie, 2014-2015
- Assistant professor, Kadoorie Agricultural Research Center, Palestine Technical University-Kadoorie, 2009-2011.
- Head Division of college's affairs, Ministry of Higher Education, Ramallah, 2007 to 2009.
- Part-time lectural and researcher at Institute of Environmental and Water Studies - Beirzit University, 2007-2008.
- Part-time researcher and teaching assistant in a funded project with the subject of water and nitrogen management in a rice field - Aristotle University of Thessaloniki – Greece (April 2004 – April, 2006).
- Site Engineer in the Palestinian Hydrology Group – Nablus – Palestine (2002).
- Part-time lecturer at the Agriculture Program - Al-Quds Open University - Jenin - Palestine (2001).

- Researcher in field of irrigation with treated wastewater – Agronomic Institute off IAV Hasan II – Agadir – Morocco (1999).

### **Research publications:**

Dweik, F., Rahil, M., and Salama, S. (2017). Evaluation and assessment of water budget in the eastern aquifer basin of the West Bank, Palestine. *Int. J. Global Environmental Issues*, Vol. 16, Nos. 1/2/3, 2017.

Rahil, M., Qanadillo, A (2015). Effects of Fertilization Patterns Using Mineral and Organic Fertilizers on Growth and Yield of Cucumber under Greenhouse.

*International Journal of Plant & Soil Science*, 6(4): 244-253, 2015.

Rahil, M., Qanadillo, A. (2015). Effects of Different Irrigation Regimes on Yield and Water Use Efficiency of Cucumber Crop. *Agriculture water Management*, (148) 10-15.

Rahil, M., Hajjeh, H., Qanadillo, A.. (2013). Effect of Saline Water Application through Different Irrigation Intervals on Tomato Yield and Soil Properties. *Open Journal of Soil Science*, 2013, 3, 143-147

Salman M., Abd-Almonem Hawamda, A., Amarni, A., Rahil, M., Hajjeh, H., Natsheh, B., Ruba Abuamsha, R., 2011. Evaluation of the Incidence and Severity of Olive Leaf Spot Caused by *Spilocaea oleagina* on Olive Trees in Palestine. *American Journal of Plant Sciences*, 2011, 2, 457-460.

محمود رحيل، حجاج حجة (2011). دراسة مسحية: واقع الخدمة المقدمة لشجرة الزيتون وأثرها على الإنتاج في محافظات شمال ووسط الضفة الغربية- فلسطين، المؤتمر الدولي الاول للزيتون في فلسطين: الواقع والتحديات، جامعة فلسطين التقنية-خضوري، 8-10/2/2011

Rahil, M., Antonopoulos, V., Karamouzis, D., 2008. Water and Nitrogen Dynamics in a Corn Field Irrigated with Treated Wastewater. International Conference on Agricultural Engineering & Industry Exhibition, *AGENG2008*, Greece.

Al-Khatib, I., Rahil, M., Abu Aziz, B., Hamarshah, M., Maha A. Abu Raddahah M., and AL-khayyat S., 2008. Facts and Realities of Wastewater Disposal and Rainfed Cisterns in the West Bank of the Palestinian Territories. International Conference on Agricultural Engineering & Industry Exhibition, Crete, Greece, 23-25 June 2008.

Rahil, M., 2008. Soil Nitrogen Transformation and Plant Uptake under Nitrogen Fertilizer and Treated Wastewater Application. National Symposium on Wastewater Reclamation and Reuse for Water Demand Management in Palestine, Institute of Environmental and Water Studies, Berzeit University, 2-3 April, 2008

Rahil, M. 2007. Simulation of Water and Nitrogen Balance in a Corn Field Irrigated with Treated Wastewater. International Conference, Energy and Environmental Protection in Sustainable Development, Palestine Polytechnic University, Hebron, Palestine. 8-9 May, 2007.

Antonopoulos, V., Rahil, M., Karamouzis, D., and Papamichail, D., 2007. Effects of soil water and salinity stress on sunflower plants water uptake under field conditions. *Geotechnical Scientific Issues*, vol 19-Issue I No 1/2008, pp 16 to 26.

Rahil, M., and Antonopoulos V., 2007. Simulating soil water flow and nitrogen dynamics in a sunflower field irrigated with reclaimed wastewater. Agriculture Water Management, 10, 183-196.

Rahil, M., Antonopoulos, V., Karamouzis, D., and Papamichail D., 2006. Modeling soil water dynamics in a sunflower field irrigated with treated wastewater through drip irrigation system. Proceedings, Protection and Restoration of the Environment VIII, Chania, Grete, Article 237, pp 8.

### **Workshops and activities:**

- Defense committee member, Master thesis. Evaluation and assessment of different barley cultivars irrigated with simulated wastewater. An-Najah National University, 2016
- Defense committee member, Master thesis. Effect of treated wastewater on alfalfa and common vetch plants. By Akmad Libdi. An-Najah National University, 2014
- Member of scientific and, the second international conference on olive in Palestin, Palestine Technical University-Kadoori, Tulkarm, 25-26 November, 2013.
- Defense committee member, Master thesis. Evaluation of Agricultural Water Management Options in the lower Jordan Valley-Palestine using WEAP. By Hazem Shuqair. An-Najah National University, 2012.
- Conference chairman, water crisis and agricultural development in Palestine, Palestine Technical University, Kadoorie, Tulkarem, May, 2012.
- Member of organizing committee, scientific conference for agricultural research, An-Najah National University, Nablus, March, 2012.

- Member of scientific and organizing committee, the first international conference on olive in Palestine: status and challenges, Palestine Technical University-Kadoori, Tulkarm, 8-10 February 2011
- Member of scientific committee, the first agricultural conference in Palestine, "Agricultural education and training: reality and challenges", Arroub agricultural school, Hebron, 28-7-2009.
- Training course in Vocational education Policies and Management in Korea, KOICA, Seoul, Korea, 24-2-2009- 14-3-2009.
- Member of Scientific committee, National Symposium on Wastewater Reclamation and Reuse for Water Demand Management in Palestine, Environmental and Water Studies Institute, Berzeit University, 2-3 April, 2008.
- Training course in leaderships for Integrated Water Resources Management, Amman – Jordan – 11-14 December, 2006.
- Participation to the seminar “Sustainable Agriculture in the Mediterranean Region”. 22 – 28 April, 2001, Agronomic Institute off IAV Hasan II – Agadir – Morocco.

#### **Courses taught:**

- Principles of soil science
- Fertilizers and soil fertility
- Soil-Water-Plant Relations (advanced course)
- Design of Irrigation and drainage systems.
- Agriculture in Palestine
- Wastewater reuse and management

#### **Honors and awards:**

- Greek State Scholarship Foundation (IKY) for the Ph.D. program in Greece, 2002-2006.
- CIHEAM scholarship for the 2<sup>st</sup> year M.Sc. program in Morocco, 2000
- CIHEAM scholarship for the 1<sup>st</sup> year M.Sc. program in Italy, 1999.

**Languages:**

- Arabic: the mother tongue
- English: very good speaking, writing and reading
- Greek: very good speaking, writing and reading