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EDUCATION

Ph.D. in Soil Science, Oklahoma State University, USA (2006). Dissertation title:
“Microbial community and enzyme activities in prairie soil ecosystems under
different management.”

Postgraduate Diploma in Land Reclamation, Aristotle University of Thessaloniki,
Greece (1998)

Ptychion in Agriculture, Aristotle University of Thessaloniki, Greece (1993)

Ptychion in Technology of Crop Production, Technological Educational Institution of
Larissa, Greece (1987)

TEACHING & RESEARCH EXPERIENCE

2012–2023: Ionian University, Greece. Assistant Professor

2003–2012: Technological Educational Institution of Ionian Islands, Greece.
Applications Professor

2003–2006: Oklahoma State University, USA. Research Assistant

1999–2003: Technological Educational Institution of Epirus, Greece. Applications
Professor

1998–1999: Michigan State University, USA. Researcher in Agronomy

1994–1998: Aristotle University of Thessaloniki, Greece. Research Associate

1992–1998: Technological Educational Institution of Thessaloniki, Greece. Laboratory
Assistant

SELECTED RESEARCH PUBLICATIONS IN PEER-REVIEWED JOURNALS

Katsalirou, E., A. Gerakis, and X. Haldas. 2019. Optimal scarification times for seeds
of two Mediterranean orchids. *Eur. J. Env. Sci.* 9(1):47–52. Available at
<https://doi.org/10.14712/23361964.2019.6> (accessed 19 Jun. 2023).

Katsalirou, E., A. Gerakis, X. Haldas, and G. Deconninck. 2017. Optimal disinfection
times for seeds of Mediterranean orchids propagated on nutrient media.
Eur. J. Env. Sci. 7(2):119–124. Available at <https://doi.org/10.14712/23361964.2017.10> (accessed 19 Jun. 2023).

- Katsalirou, E., A. Gerakis, and X. Haldas. 2016. Soil preferences of Mediterranean orchids. *J. Eur. Orch.* 48(2-4):245–282.
- Katsalirou, E., S. Deng, A. Gerakis, and D. L. Nofziger. 2016. Long-term management effects on soil P, microbial biomass P, and phosphatase activities in prairie soils. *Eur. J. Soil Biol.* 76:61–69.
- Katsalirou, E., S. Deng, D. L. Nofziger, and A. Gerakis. 2010. Long-term management effects on organic C and N pools and activities of C-transforming enzymes in prairie soils. *Eur. J. Soil Biol.* 46:335–341.
- Katsalirou, E., S. Deng, D. L. Nofziger, A. Gerakis, and S. D. Fuhlendorf. 2010. Spatial structure of microbial biomass and activity in prairie soil ecosystems. *Eur. J. Soil Biol.* 46:181–189.
- Song Y., S.P. Deng, V. Acosta-Martinez, E. Katsalirou. 2008. Characterization of redox-related soil microbial communities along a river floodplain continuum by fatty acid methyl ester (FAME) and 16S rRNA genes. *Appl. Soil Ecol.* 40: 499–509.
- Gerakis, A., D. P. Rasse, Y. Kavdir, A. J. M. Smucker, I. Katsalirou, and J. T. Ritchie. 2006. Simulation of leaching losses in the nitrogen cycle. *Commun. Soil Sci. Plant Anal.* 37:1973–1997.
- Girma, K., K. L. Martin, R. H. Anderson, D. B. Arnall, K. D. Brixey, M. A. Casillas, B. Chung, B. C. Dobey, S. K. Kamenidou, S. K. Kariuki, E. Katsalirou, J. C. Morris, J. Q. Moss, C. T. Rohla, B. J. Sudbury, B. S. Tubana, and W. R. Raun. 2006. Mid-season prediction of wheat-grain yield potential using plant, soil, and sensor measurements. *J. Plant Nutr.* 29: 873–897.

REVIEWER OF INTERNATIONAL JOURNALS

African Journal of Microbiology Research

Agronomy Journal

Applied Microbiology and Biotechnology

European Journal of Soil Biology

Plant and Soil

Science of the Total Environment

SCHOLARSHIPS AND HONORS

Oklahoma State University, USA: Outstanding Ph.D. Student Award, 2006–2007

Oklahoma State University, USA: Dale Weibel Scholarship Award, 2004–2005

Foundation of State Scholarships, Greece: Scholarship for doctoral study, 2003–2006