

Argyrios Gerakis, Ph.D.  
P. O. Box 66 • 28100 Argostoli • Greece  
aris.gerakis@ionio.gr

## **CURRENT EMPLOYMENT**

Postdoctoral Researcher in Agronomy, Ionian University, Greece • Organic farming consultancy

## **EDUCATION**

Ph.D. in Resource Development, Michigan State University, USA (1994)

M.S. in Agricultural Education, The Ohio State University, USA (1989)

Ptychion in Agronomy, Aristotle University of Thessaloniki, Greece (1987)

## **WORK EXPERIENCE**

2001–23: Teaching and research in higher education (University of Ioannina, Greece; Ionian University, Greece) • Organic farming consultancy • Adult education

2000–01: Lecturer in Row Crops (Aristotle University of Thessaloniki, Greece)

1997–99: Researcher in Agronomy (Michigan State University, USA)

1995–97: Teaching and research in higher education (Aristotle University of Thessaloniki, Greece; International Hellenic University, Greece)

## **SELECTED PEER-REVIEWED ARTICLES, BOOK CHAPTERS, & PROCEEDINGS**

Deconninck, G. and Gerakis, A. 2021. Influence of scarification method on seed germination of the terrestrial orchid *Anacamptis laxiflora* (Lam.). *The Euro-Biotech Journal* 5(1):15–23. Available at <http://doi.org/10.2478/ebtj-2021-0004> (accessed 19 Jun. 2023).

Koliastasi, A., V. Kompothekra, C. Giotis, A. K. Moustakas, E. P. Skotti, A. Gerakis, E. P. Kalogianni, D. Georgiou, and C. Ritzoulis. 2020. Novel emulsifiers from olive mill compost. *Food Hydrocolloids*. Available at <https://doi.org/10.1016/j.foodhyd.2019.105373> (accessed 19 Jun. 2023).

Koliastasi, A., V. Kompothekra, C. Giotis, A. K. Moustakas, E. P. Skotti, A. Gerakis, E. Kalogianni, and C. Ritzoulis. 2019. Emulsifiers from partially composted

- olive waste. *Foods* 8:271–279. Available at <https://doi.org/10.3390/foods8070271> (accessed 19 Jun. 2023).
- 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., Gerakis, A., and X. Haldas. 2016. Soil preferences of Mediterranean orchids. *J. Eur. Orch.* 48(2-4):245–282.
- Gerakis, A., X. Haldas, and M. Giannakoulis. 2016. *Anacamptis palustris* subsp. *robusta* (Orchidaceae): a new record to the flora of Cephalonia, Greece. *J. Eur. Orch.* 48(1):11–18.
- 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.
- 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.
- Gerakis, A., and J. T. Ritchie. 2006. Plant available water. p. 1294–1298. In R. Lal (ed.) *Encyclopedia of soil science*, vol. 2, 2nd ed. Taylor & Francis, New York.
- Daroub, S. H., A. Gerakis, J. T. Ritchie, D. Friesen, and J. Ryan. 2003. Development of a soil–plant phosphorus simulation model for calcareous and weathered tropical soils. *Agric. Syst.* 76(3):1157–1181.
- Mamolos, A. P., D. S. Veresoglou, V. Noitsakis, and A. Gerakis. 2001. Differential drought tolerance of five coexisting plant species in Mediterranean low-land grasslands. *J. Arid Environ.* 49:329–341.
- Zalidis, G., and A. Gerakis. 1999. Evaluating sustainability of watershed resources management through wetland functional analysis. *Environ. Management* 24(2):193–207.

- Ritchie, J. T., A. Gerakis, and A. Suleiman. 1999. Simple model to estimate field-measured soil water limits. *Trans. ASAE* 42(6):1609–1614.
- Gerakis, A, and B. Baer. 1999. A computer program for soil textural classification. *Soil Sci. Soc. Am. J.* 63(4):807–808.
- Gerakis, A., and G. Zalidis. 1998. Estimating field-measured, plant extractable water from soil properties: beyond statistical models. *Irrig. Drainage Syst.* 12:311–322.
- Gerakis, A., and K. Kalburtji. 1998. Agricultural activities affecting the functions and values of Ramsar wetland sites of Greece. *Agric. Ecosyst. Environ.* 70:119–128.
- Gerakis, A., and J.T. Ritchie. 1998. Simulation of atrazine leaching in relation to water table management using the CERES model. *J. Environ. Manage.* 52:241–258.
- Gerakis, A. 1998. Evaluating adult groundwater education. *J. Environ. Educ.* 30(1):20–24 (ERIC Document Reproduction Service No. EJ 578270).
- Gerakis, A., P. Saratsis, G. Zalidis, and S. Sakellariadis. 1998. Measurement of aqueous phase transport of residually held benzene in Greek soils. *Bull. Environ. Contam. Toxicol.* 60:119–125.
- Zalidis, G., X. Dimitriadis, V. Antonopoulos, A. Gerakis. 1997. Estimation of a network irrigation efficiency to cope with reduced water supply. *Irrig. Drainage Syst.* 11:337–345.
- Gerakis, A., K. Kalburtji, and S. Tsiouris. 1997. The role of organic farming in the sustainable development of watershed resources in Greece. p. 638–644. In N. El Bassam et al. (ed.) *Sustainable agriculture for food, energy and industry: strategies toward achievement*. Proc. Intl. Conf. Braunschweig, Germany. 22–28 June 1997. James & James, London.
- Kaiser C., G. Zalidis, and A. Gerakis. 1997. Hydrological modeling of the Karla watershed to analyze groundwater depletion and restore pre-existing wetland functions. p. 325–332. In J. C. Refegaard and E. A. Karalis (ed.) *Proc. EWRA Conference on Operational Water Management*, Copenhagen, Denmark. 3–6 Sep. 1997. Balkema, Rotterdam, The Netherlands.
- Gerakis, A. 1997. Evaluating alumni publications: A readership survey of the graduates of an agricultural college. *J. Appl. Commun.* 81(2):19–27 (ERIC Document Reproduction Service No. EJ 546895).

## **SCHOLARSHIPS AND HONORS**

Michigan State University, USA. Outstanding Ph.D. in Resource Development Award (1992–1993).

Michigan State University, USA. Resource Development Graduate Office Fellowship Award (1990 & 1991).

Fulbright Foundation, Greece. Fulbright Fellowship Award (1988–1989).

## **ADMINISTRATIVE EXPERIENCE**

Board of Directors, Management Body of Aenos National Park (2019–2022)