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Dr. **Evangelos A. Voudrias** is a Professor and Director of the *Laboratory for Solid and Hazardous Waste Management*, Department of Environmental Engineering, Democritus University of Thrace, Xanthi, Greece. After receiving his *PhD in Environmental Engineering* from the *Department of Civil and Environmental Engineering of the University of Illinois at Urbana-Champaign*, he spent two years as a post-doctoral research fellow in the Department of Civil and Environmental Engineering at *Stanford University*, followed by two years as a Research Scientist at *Battelle Memorial Institute*, Columbus, Ohio. In 1988, he joined the Civil Engineering Faculty (rank of Assistant Professor) at *Georgia Institute of Technology*, Atlanta, Georgia, where he taught courses on hazardous waste management, advanced physical/chemical treatment processes and processes affecting the fate and transport of contaminants in subsurface systems.

In 1996, he was appointed Associate Professor in the Department of Environmental Engineering of Democritus University of Thrace and in 2001 he was promoted to the rank of the Professor at the same Department. Since June 2009, Professor Voudrias has been the first *Director* of the Graduate Program in Environmental Engineering and Science of the Department of Environmental Engineering of Democritus University of Thrace. His current research and teaching interests focus on: (1) Engineering and management of solid and

hazardous waste. (2) Management of medical waste. (3) Management of construction and demolition waste. (4) Fate and transport of contaminants in subsurface systems (aquifers, unsaturated soils, landfills) and their remediation.

He has been a Principal Investigator and Research Associate in more than 20 research projects funded by private and public funding agencies in the United States and in Greece, such as: National Science Foundation, U.S. Environmental Protection Agency, U.S. Department of Interior, U.S. Department of Energy, U.S. Air Force, Electric Power Research Institute, DuPont, Battelle Memorial Institute, General Secretariat for Research and Technology of Greece and Ministry of National Education and Religious Affairs of Greece. The results of the research work of Professor Voudrias have been presented in international conferences and published in more than **70** peer-reviewed publications in well respected international journals, such as: *Journal of Environmental Engineering-ASCE*, *Environmental Science and Technology*, *Waste Management*, *Waste Management and Research*, *Journal of Contaminant Hydrology*, *Ground Water*, *Water Research*, *Chemosphere*, *Journal of American Water Works Association*, *Transport in Porous Media* and *Environmental Progress*. Professor Voudrias is author of 7 textbooks (in Greek) published by Democritus University of Thrace. He has 1614 citations (self citations excluded) and **h index=22**, as of 19 February 2019, based on Scopus. He has been an **Associate Editor of Waste Management** from **May 2016 to January 2018**, handling mostly papers on **healthcare waste**.

SELECTED PUBLICATIONS

1. Kermenidou M., Voudrias E.A. and Konstantoula A.C. Composition and production rate of cytostatic pharmaceutical waste from a Greek Cancer Treatment Hospital. *Global NEST Journal*, 21(2), 131-140 (2019).
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- large volume laboratory digesters: Focusing on mixing ratios. *Renewable Energy*, 80, 432-440 (2015).
4. Fytanidis, D.K. and Voudrias, E.A. Numerical simulation of landfill aeration using computational fluid dynamics. *Waste Management*, 34, 804-816 (2014).
 5. Voudrias, E. and Graikos, A. Infectious medical waste management at the regional level. *Journal of Hazardous, Toxic and Radioactive Waste*, ASCE, ISSN 2153-5493/04014020(9) (2014).
 6. Diamantis, V., Erguder, T.H., Aivasidis, A., Verstraete, W., and Voudrias, E. Wastewater disposal to landfill-sites: A synergistic solution for centralized management of olive mill wastewater and enhanced production of landfill gas. *Journal of Environmental Management*, 128, 427-434 (2013).
 7. Voudrias, E., Goudakou, L., Kermenidou, M. and Softa, A. Composition and production rate of pharmaceutical and chemical waste from Xanthi General Hospital in Greece. *Waste Management*, 32, 1442-1452 (2012).
 8. Komilis, D., Evangelou, A. and Voudrias, E. Monitoring and optimizing the co-composting of dewatered sludge: A mixture experimental design approach. *Journal of Environmental Management*, 92, 2241-2249 (2011).
 9. Graikos, A., Voudrias, E., Papazachariou, A., Iosifidis, N. and Kalpakidou, M. Composition and production rate of medical waste from a small producer in Greece. *Waste Management*, 30, 1683-1689 (2010).
 10. Karamalidis A. K., Evangelou A. C., Karabika E., Koukkou A. I., Drinas C. and Voudrias E. A. Laboratory scale bioremediation of petroleum-contaminated soil by indigenous microorganisms and added *Pseudomonas aeruginosa* strain Spet. *Bioresource Technology*, 101(16), 6545-6552 (2010).
 11. Komilis, D.P., Vrohidou, A.-E.K. and Voudrias, E.A. Kinetics of aerobic bioremediation of a diesel-contaminated sandy soil: Effect of nitrogen addition. *Water, Air and Soil Pollution*, 208, 193-208 (2010).
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- refinery sludge with cement using XRD, SEM and EXAFS. *Journal of Environmental Science and Health, Part A*, 43:10, 1144-1156 (2008).
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4. Tsioka, M., Voudrias, E.A. Life cycle analysis for comparison of alternative management methods for phosphogypsum waste. Proceedings of the 1st *International Scientific Conference on "Sustainable Solutions to Wastewater Management: Maximizing the Impact of Territorial Cooperation"*, Kavala, Greece, 19-21 June (2015).
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19. Grekos, A., Voudrias, E.A., Gemitzi, A. And Iatrides, A. Hazardous medical waste management at the regional level: The case of region of East Macedonia-Thrace in Greece. Proceedings of *1st International Conference on Hazardous Waste Management*, Chania-Crete, Greece, 1-3 October (2008).
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21. Dolaptoglou, C., Karpouzas, D.G. and Voudrias, E.A. The effect of different organic amendements on the degradation, adsorption and mobility of terbuthylazine. Proceedings of *XIII Symposium in Pesticide Chemistry*, Piacenza, Italy, 3-6 September (2007).
22. Kouseris, T., Karteris, A. and Voudrias, E.A. Production and management of solid industrial hazardous waste in the Prefecture of Thessaloniki. Proceedings of the *10th International Conference on Environmental Science and Technology*, Kos Island, Greece, 5-7 September (2007).
23. Karamalidis, A.K., Evangelou, A., Voudrias, E.A., Karabika, E. and Pilidis, G. Bioremediation of petroleum-contaminated soil by indigenous, free and encapsulated cells of *Pseudomonas Aeruginosa*. Proceedings of *Protection and Restoration of the Environment VIII*, Chania, Greece, 3-7 July (2006).
24. Grekos, A., Iosifidis, N., Kalpakidou, M. and Voudrias, E.A. Composition and production rate of solid waste from the Medical Microbiology Laboratory of Social Security Foundation (IKA) in Xanthi, Greece. Proceedings of *Protection and Restoration of the Environment VIII*, Chania, Greece, 3-7 July (2006).
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