



Short CV

Triantafyllos Tatoulis is a tenured lecturer at the Department of Sustainable Agriculture, University of Patras. He holds a degree in Agronomy/Agriculture from the Forestry University of Sofia, a postgraduate degree in Sustainable Management from the University of Western Greece and a PhD in Environmental Systems from the University of Patras. He has participated as a post-doctoral researcher in various research programs in the fields of chemical and environmental engineering as well as agronomy. He has taught courses to undergraduate students of the Department of Chemical Engineering of the University of Western Macedonia, the Departments of Biosystems and Agricultural Engineering, Food Science and Technology and Environmental Engineering of the University of Patras. He teaches at undergraduate level the course “Modern Agricultural Constructions- Greenhouses” at the Department of Sustainable Agriculture of the University of Patras and at postgraduate level, he co-teaches the course “Modern Table Olive Production Technology” at the Postgraduate Program “Technology and Quality of Table Olives & Olive Oil” of the Department of Food Science and Technology of the University of Peloponnese.

Scientific interests

His research interests mainly concern the treatment of liquid agro-industrial waste using hybrid systems. He is also involved in research on the use of constructed wetlands either as a final disposal site for treated liquid waste or as an autonomous treatment facility.

Selected Publications

1. C. Genethliou, **T. Tatoulis**, N. Charalampous, S. Dailianis, A.G. Tekerlekopoulou, D.V. Vayenas. 2022. Treatment of raw sanitary landfill leachate using a hybrid pilot-scale system comprising adsorption, electrocoagulation and biological process, *Journal of Environmental Management*, 330, <https://doi.org/10.1016/j.jenvman.2022.117129>.
2. Christos S. Akratos, **Triantafyllos I. Tatoulis** and Athanasia G. Tekerlekopoulou 2020. Biotreatment of winery effluents using a hybrid system combining biological trickling filters and constructed wetlands, *Applied Sciences*, 10, 619, doi:10.3390/app10020619.
3. **Triantafyllos I. Tatoulis** , Michail K. Michailides, Athanasia G. Tekerlekopoulou, Christos S. Akratos, Stavros Pavlou and Dimitrios V. Vayenas, 2018. Simultaneous Treatment of Agro-Industrial and Industrial Wastewaters: Case Studies of Cr (VI)/Second Cheese Whey and Cr(VI)/Winery Effluents. *Water*, 10 (4), doi:10.3390/w10040382.
4. **Triantafyllos Tatoulis**, Christos S. Akratos, Athanasia G. Tekerlekopoulou, Dimitrios V. Vayenas & Alexandros I. Stefanakis, 2017. A novel horizontal subsurface flow constructed wetland: reducing area requirements and clogging risk. *Chemosphere*, 186, 257-268.
5. **T.I. Tatoulis**, A.G. Tekerlekopoulou, C.S. Akratos, S. Pavlou, D.V. Vayenas. 2015. Aerobic Biological Treatment of Second Cheese Whey in Suspended and Attached Growth Reactors. *Journal of Chemical Technology & Biotechnology*, 90, 2040-2049.