

## Short CV

Name : **Anastasios Kapagiannidis**  
Address : An. Galdemi 35, 621 00, Serres  
/ Vatero, 501 00, Kozani  
Tel. : (0030) 6977 990 981  
E-mail address : [tasos.kapagiannidis@gmail.com](mailto:tasos.kapagiannidis@gmail.com)  
URL : [https://www.researchgate.net/profile/Anastasios\\_Kapagiannidis](https://www.researchgate.net/profile/Anastasios_Kapagiannidis)

Dr. Anastasios Kapagiannidis was born in 1981 in Thessaloniki and received his diploma and his Ph.D. in Environmental Engineering from the Department of Environmental Engineering of the Democritus University of Thrace. Both his diploma thesis and his doctoral dissertation were about the development of biological methods for wastewater treatment. After graduating, he participated in a series of research projects at the Laboratory of Wastewater Management and Treatment Technology of the Democritus University, while his post-doctoral research focused on the valorisation of wastewater from the food industry for energy production via anaerobic digestion.

Until 2015 he worked as an environmental management officer and head of the quality control department in a dairy industry. He is currently working for the INTERGEO Greece group, as a Technical Operations Manager. The main objectives of his work are about controlling and optimizing the operation of wastewater treatment plants, organizing and coordinating waste management projects and designing and implementing environmental monitoring programs. At the same time, he has been working as a lecturer in several undergraduate and postgraduate study programs in the Technological Educational Institute of Central Macedonia, Democritus University of Thrace and University of Western Macedonia, giving courses in *Wastewater Engineering*, *Environmental Technology*, *Biomass Energy Systems*, *Physical Unit Operations* and *Hydraulic Engineering*. Currently he is a reviewer in 20 scientific journals. His research work is represented by 16 publications in international scientific journals, 2 book chapters and 22 publications in national and international scientific conferences.

### Selected publications:

- Zafiriadis I., Kapagiannidis A. G., Ntougias S. and Aivasidis A. (2017) Inhibition of the respiratory chain reactions in denitrifying EBPR biomass under simultaneous presence of acetate and electron acceptor *New Biotechnology*, 36, 42 – 50
- Diamantis V. I., Kapagiannidis A. G., Ntougias S., Tataki V., Melidis P. and Aivasidis, A. (2014) Two-stage CSTR-UASB digestion enables superior and alkali addition-free cheese whey treatment *Biochemical Engineering Journal* , 84, 45 – 52

- Kapagiannidis A. G., Zafiriadis I, and Aivasidis A. (2012) Effect of basic operating parameters on biological phosphorus removal in a continuous-flow anaerobic-anoxic activated sludge system. *Bioprocess and Biosystems Engineering*, 35, 371 – 3827
- Kapagiannidis A. G., Zafiriadis I, and Aivasidis A. (2012) Comparison between aerobic and anoxic metabolism of denitrifying-EBPR sludge: Effect of biomass polyhydroxyalkanoates content. *New Biotechnology*, 30, 227 – 237
- Kapagiannidis A. G., Zafiriadis I, and Aivasidis A. (2011) Upgrading the efficiency of an external nitrification BNR system – The modified Dephanox process. *Chemical Engineering Journal*, 175, 124 – 135
- Kapagiannidis A. G., Zafiriadis I. and Aivasidis A. (2009) Comparison between UCT type and DPAO biomass phosphorus removal efficiency under aerobic and anoxic conditions. *Water Science and Technology*, 60, 2695 – 2703