

CV Panagiotis G. Kougias



Working experience:

- 2018- Now Senior Researcher (Researcher C), Hellenic Agricultural Organisation- DEMETER
- 2018- 2018 Associate Professor, Bioenergy Research Group, Technical University of Denmark (DTU), Department of Environmental Engineering, Denmark
- 2017- 2018 Senior Researcher, Bioenergy Research Group, Technical University of Denmark (DTU), Department of Environmental Engineering, Denmark
- 2015- 2017 Researcher (equal to Assistant Professor), Bioenergy Research Group, Technical University of Denmark (DTU), Department of Environmental Engineering, Denmark
- 2011- 2015 Post-doc, Bioenergy Research Group, DTU Environment, Denmark
- 2009- 2011 PhD Student, Faculty of Agriculture, Dpt. Of Agricultural Engineering, Aristotle University of Thessaloniki
- 2006- 2011 Research assistant, Faculty of Agriculture, Dpt. Of Agricultural Engineering, Aristotle University of Thessaloniki

Scientific focus area:

My research interests focus on agro-industrial waste treatment, bioreactor configuration, optimization of anaerobic bioprocesses, and development of sustainable solutions for organic waste and wastewater management. My research activities include both practical and technological aspects within bioprocess engineering and methodological issues in environmental biotechnology. Currently, I am involved mainly in projects related to biogas upgrading, nutrient upcycle and genome-based characterization of biogas reactors. The innovative results of my research have been published in several refereed journals and international conference proceedings (**>120 scientific publications, whereof >65 ISI publications, H-index of 25**). Finally, I have wide experience in project implementation as I am appointed as **principal investigator** at projects funded by the General Secretariat of Research and Technology, Greece, **project manager** at projects funded by InnovationFonden, Denmark and **work package leader** in projects funded from Energinet, Denmark. Also, I participated in several projects funded by EU (within FP7, Horizon2020)

Education:

- 2007-2011 PhD: Agricultural Engineering, Aristotle University of Thessaloniki, Greece.
Thesis Title: "Optimization of the anaerobic codigestion of pig wastes and olive mill wastewater for energy production"
- 2005-2007 MSc: Agricultural Engineering, Aristotle University of Thessaloniki, Greece.
- 2000-2005 B.Sc. and M.Eng.: Hydraulics, Soil Science and Agricultural Engineering, Aristotle University of Thessaloniki, Greece

Supervision of students:

6 PhD students and >10 MSc students

Academic awards and honours:

- 2007-2011 Greek State Scholarship for PhD studies
- 2005-2007 Greek State Scholarship for Master studies

Management experience:

Long term extensive experience in research project management and coordination. Participation in a large number of EU and National projects funded by Danish Research Council, EFP, PSO, Hellenic Foundation of Research and Innovation etc.

Publications: >65 ISI publications, H-index=25