



Irimi Angelidaki
Professor at the Technical University of Denmark

Professional profile

My research field is in wastes/wastewater treatment systems. Focus is in development of biotechnological processes for conversion of organic matter to biochemicals and bioenergy. Research in biogas is my core area. Focus in microbiology and processes technology; process optimization; molecular methods for characterization of bacteria; biological production of biochemical and biofuels; microalgae; macroalgae; bioelectrochemistry; and biorefineries.

Collaboration has been significant with a range of universities around the world as well with industry, companies, and organisations.

Have served in committees and worked with a range of organizations and research bodies. **Among others in:** Member of the **Danish Free Research Council** - Research for Technology and production, (**FTP**); Chair for the Swedish Energy Research (**Formas**); Member for The Panel 7 under the Swedish Research Council (**Videnskabsrådet**); The **European Research Council's (ERC)** panel, for starters/ consolidators for the Life Science program (LS9); **Irish Research Council** as panel member; Member of external evaluation committee for the **Swiss Commission** for Technology and Innovation (**CTI**) Energy funding programme; Member of the **EU Advisory** board for Nanotechnology Materials and Industrial Biotechnology; Chair for the International Task Group for Harmonisation of Biogas potential **ABAI** (under IWA); Board Member for the **Specialist Group** for Anaerobic Processes (under IWA).

Have received Brinchs Award for best technical research in Denmark in 2011.

Have previously been Associate Editor in several scientific journals eg.: the international journal "Re/views in Environmental Science and Bio/Technology" Kluwer Academic Publishers; in the international journal "Water Research" Elsevier Publishers, and in "Waste Management & Research".

Publications

> 400 scientific publications, whereof >250 ISI publications (Web of Science), >10 book chapters, >5 patents; > 10000 citations, H-index=54 (Web of Science).

Graduated >100 MSc students and > 20 PhD students.