

Antonis A. Zorpas short CV

I have studied Chemical Engineering and I hold MSc in Chemical Engineer and a PhD which focuses on Environmental Management and Engineering. My PhD focuses on the Development of a Methodology for the composting of sewage sludge using Natural Minerals (Zeolites/Cl). I had or I still have significant co-operations with several Universities and other institutes in Europe. Also I am acting as Expert evaluator on behalf of EU evaluated several research programs from 2007 until today (FP7, EACEA, Horizon, etc) as well as on behalf of several other Universities like KULuven, Paris Universitate etc.

Now I belong to the Academic Staff (as Associated Lecture 2010-today) of Cyprus Open University teaching in the Master program (i) Environmental Conservation and Management,(ii) Solid and Liquid Waste Treatment – Environmental Friendly Technology (iii) Renewable Energy (iv) Sustainable Development (v) Risk Assessment/LCA/EIA/Health and Safety/Quality Control

I have taught in the past several scientific fields like: Water and Soil Pollution, Processing & Supply of Liquid Waste, Treatment and Disposal of Solid Waste, Composting, Advanced Liquid Treatment Waste, Restoration Technologies, Control System and Installation of Clean Technologies, Hazardous Waste Management and Treatment, Environmental Impact Assessment Studies, Life Cycle Assessment, Risk Analysis, Clean Technology Design Systems, Design of Waste and Wastewater Treatment Plants, Utilization of Biomass, etc

I am also the Managing director of the Institute of Environmental Technology and Sustainable Development which is research and development NGO.

Until now, I am the editor in 3 two scientific books. The first with the title "Sludge Management; From the Past to Our Century" published on March 2012 from the Nova Science Publisher, and the second with the title "Natural Zeolites" published on Sep 2012 from Bentham Science Publishers, and the third "Sustainability Behind Sustainability" published on Augusts 2014 covering horizontal the difficult subject of Sustainable Development from Nova Science.

Also, I have written 22 chapters for other 9 scientific Books, 13 academically Note Books in Greek. I have published more than 45 scientific papers in 23 different scientific journals and with impact factor from 0.751 – 6.072. Also, I have more than 80 presentations in International and National Conferences while at the same time I am one of the reviewers of 30 scientific journals (which belong to ELSEVIER, ISWA, Emerald, and Springer). Hence, I am, also in the scientific committee of several International conferences. The article "Industrial hazardous waste in the framework of EU and International Legislation" published in Management of Environmental Quality: been chosen as a Highly Commended Award Winner at the Literati Network Awards for Excellence 2012 (Emerald Literati Network).

My research back-round includes:

- i) Implementation of Natural minerals in the treatment of solid and liquid waste (>15 years experiences),
- ii) Implementation of Composting methods for the treatment of several organic waste up on sustainable way (>15 years),
- iii) Implementation of chemical oxidation, electrochemical oxidation for the treatment of heavy polluted waste (>15 years),
- iv) Waste water treatment plans (>10 years),
- v) Waste minimization monitoring and evaluation, EMAS, ISO 14001, strategic plans, zero waste approach, etc (>15 years),

- vi) Sustainable development programs (environmental, social culture and economics) (>10 years),
- vii) Management of Liquid waste, Management of solid waste (>15 years),
- viii) Environmental Impact and Environmental / Risk Assessment Analysis (>15 years)

My research is funded from European and National or Industrial sources. I have taken part in more than 50 research programs the last years while at the same time while I have had the benefit to investigate and develop new scientific research areas either in industrial and either in academic level. I have done several simulations for the treatment of liquid and solid waste in the lab before their final application in the industry.

I have accreditation from the Cyprus Institute of Technology in higher scale in the section: Environmental Management, Health and Safety Management, Research and Developments, Quality Management, Facilities Plants. Also I am Environmental Auditor (Lead Auditor of ISO 14001/EMAS), Quality Control Auditor (Lead Auditor ISO 9001, ISO 19011) and I am Health and Safety Auditor (Accreditation- OHSAS 18001)

I am from 2013-2017 the President of Cyprus Environmental Engineers Council as well as I am in the Advisory committee of the Office of the Cyprus Commissioner for the Environment.

I am acting also as individual consultant in several Governmental Departments, Local Authorities for the implementation of Strategic Plan, preparation of research projects, organizations and monitoring of waste minimization and zero waste plan, health and safety, development of Life Quality through Sustainable Development Projects