

CURRICULUM VITAE

Name/Surname Georgios Makaroglou
Father's Name Athanasios
Mother's Name Aikaterini
Date of Birth 19/08/1995
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EDUCATION

2018 – Present PhD Candidate in the field of Environmental Engineering,
School of Environmental Engineering, Technical University
of Crete
Doctoral Thesis subject: Optimization of microalgae growth
and separation processes for the production of high added
value products
Supervisor: Associate Professor Petros Gikas

2013 - 2018 Integrated Master's Degree in Environmental
Engineering, School of Environmental Engineering,
Technical University of Crete.
Grade: 7.85/10
Title of Thesis: Mitigation of soil salinity using
biological soil amendments under greenhouse conditions
Supervisor: Professor Ioannis K. Tsanis

2010 - 2013 High school Degree from the 2nd High school of
Heraklion, Greece
Grade: 17.2/20

JOB EXPERIENCE

09/2018 - Present T1EΔK-02681, «Bioconversion of CO₂ into High-added
Value Bioproducts through Sustainable Microalgae
Cultivation Processes (CO₂ BioProducts)», Operational
Programme « Competitiveness, Entrepreneurship and
Innovation» - EPAnEK (2014-2020)

09/2018 - Present In charge of the organization of the Design of
Environmental Processes Laboratory

07/2016 – 08/2016 Internship at PLASTIKA KRITIS S.A., in the
Department of Quality Control for the quality control of
products

CONFERENCE – SCIENTIFIC EVENTS

- G. Makaroglou, E. Syranidou, K. Pantelidaki, N. Kalogerakis, P. Gikas, 2019. “Chemical mutation of *Stichococcus* sp. for the selection of strains with reduced chlorophyll content”, 2nd International Conference ADAPTtoCLIMATE, Heraklion, Greece, 24-25 June 2019
- Stavrou, N., Makaroglou, G., Daliakopoulos, I.N., and Tsanis, I.K., 2018. “Chlorophyll Response to Salinity Stress in Tomato Plants”, Geophysical Research Abstracts, Vol. 20, EGU2017-16370-1, Vienna, Austria, 9–13 April 2018
- “Informational Event for the European Financial Program LIFE”, Chania, Greece, 19 April 2019
- 1st PhD candidates conference, School of Environmental Engineering” Chania, Greece, 14 December, 2018
- “CIRCLE 2018 - Challenges for the Islands in the era of the Circular Economy” in Chania, Greece, 20-22 September 2018
- “The Hydrological and Erosional Cycles in Karstic Terrains” in Chania, Greece, 14-17 March 2018

LANGUAGE SKILLS

- English: Certificate of Proficiency in English (ECPE), Michigan University, (2016)

COMPUTER SKILLS

- Operating systems: Windows, Linux
- Office suites: MS Office, OpenOffice
- Computing software: SPSS, Minitab
- Mathematical programming: MATLAB, R
- Programming languages: FORTRAN, C
- Designing software: AutoCAD, SketchUp, OpenStudio
- GIS software: ArcGIS
- Environmental software: CORMIX