

Katerina Troullaki



Contact

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K3. A018, School of Chemical and Environmental Engineering, Technical University of Crete

EDUCATION

- 07.2018 - today** PhD Candidate in Environmental Engineering
School of Environmental Engineering
Thesis topic: "Life Cycle Sustainability Assessment of Distributed Manufacturing"
Technical University of Crete
- 10.2016 – 06.2018** MSc in Environmental Engineering
Environmental Management, Sustainable Energy and Climate Change
School of Environmental Engineering
Technical University of Crete
- 09.2005 – 10.2013** Meng in Electrical and Computer Engineering
Direction: Energy
School of Electrical and Computer Engineering
National Technical University of Athens

RESEARCH/WORK EXPERIENCE

- 7. 2019 - 2022** **COSMOLOCALISM - H2020 ERC, 2019 - 2022**
PhD researcher, Sustainability stream
- Assessing the sustainability of cosmological production
- 11.2019 – 12.2019** **Ragnar Nurkse Department of Innovation and Governance, Tallinn University of Technology**
Visiting researcher
- 2018 - 2019** **OPTIMA - H2020, 2018-2021**
PhD researcher, Sustainability assessment Working Group
- 12.2018 – 12.2020** **Wind Empowerment, CIO, UK**
Communications
- Managing the association's digital communication, organizing webinars

- 11.2016 – 12.2018** Secretary of the Executive Board
- Managing the association’s correspondence, documentation and membership, writing reports and fundraising proposals, coorganizing the association’s biennial conference
- 10.2017 – 12.2017** **Centre for Industrial Ecology, University of Coimbra, Πορτογαλία**
Traineeship in Industrial Ecology and Life-Cycle Assessment (LCA)
- 06.2016 – 12.2016** **Wind Empowerment, CIO, UK**
Project Coordinator
Project: Delivery models for sustainable small wind rural electrification
- 10.2014 – 4.2016** **Nokia Networks, Athens R&D Center**
Product: MME, Mobile Broadband, LTE/4G Core Network
Telecom Test Engineer
- Functional Testing of the produced software, Correction and Verification for Maintenance releases and Customer issues, Design, Documentation and Implementation of Test Plan and Test Scenarios for new features
- 6.2012 – 3.2014** **Electrical Energy Systems Laboratory, Rural Electrification Research Group, National Technical University of Athens**
Undergraduate Research Assistant
- Design optimization, manufacturing and testing small wind turbines
- 6.2012 – 6.2013** **European Village NGO, Αθήνα, Ελλάδα**
Member, Volunteer
- Website and newsletter administration, coordination of events.
- 5.2007 – 6.2009** **Board of European Students of Technology, NGO**
Member, Volunteer
- Organization of academic seminars

SCIENTIFIC PUBLICATIONS

Publications in international peer-reviewed journals

- Troullaki, K., Rozakis, S., & Kostakis, V. (2021). Bridging barriers in sustainability research: A review from sustainability science to life cycle sustainability assessment. *Ecological Economics*, 184, 107007. <https://doi.org/10.1016/j.ecolecon.2021.107007>
- Pazaitis, A., Kostakis, V., Kallis, G., & Troullaki, K. (2020). Should We Look for a Hero to Save Us from the Coronavirus? The Commons as an Alternative Trajectory for Social Change. *TripleC: Communication, Capitalism & Critique. Open Access Journal for a Global Sustainable Information Society*, 613–621. <https://doi.org/10.31269/triplec.v18i2.1203>

Publications in international peer-reviewed conference proceedings

- Troullaki A., Latoufis K., Marques P., Freire F., Life cycle assessment of locally manufactured small wind turbines and pico-hydro plants, 2nd International Conference on Smart Energy Systems and Technologies (SEST 2019), Porto, September 2019

- Troullaki K., Rozakis S., Latoufis K., Freire F., Sustainability of local manufacture and local maintenance of small wind turbines in remote areas, 167th EAAE Seminar on European Agriculture and Transition to Bio-economy, Poland, 24-25 September 2018
- Troullaki K., Rozakis S., Freire F., Locally Manufactured Small Wind Turbines: Assessing their sustainability in remote areas in comparison with a commercial small wind turbine, 4th International Conference on Decision Support System Technology – ICDSST 2018 & PROMETHEE DAYS 2018, Greece, May 2018, ([link](#))
- Latoufis K., Troullaki K., Pazios T., Hatziargyriou N., Design of axial flux permanent magnet generators using various magnetic materials in locally manufactured small wind turbines, 22nd International Conference on Electrical Machines, ICEM 2016, Switzerland, September 2016, ([link](#))

SCHOLARSHIPS/AWARDS

- **Scholarship for PhD candidates, Hellenic Foundation for Research and Innovation (H.F.R.I), 2019-2022**
- **LIMMAT STIFTUNG, Award of Academic Excellence**
In recognition of academic excellence during the Postgraduate Study Program “Environmental Engineering” of the Technical University of Crete, 2018
- **Best paper in the Energy Session Award** ([link](#))
8th Electrical and Computer Engineering Student’s Conference (ECESCON), Patras, April 2015

LANGUAGES

- Greek - Native
- English – Fluent (C2 level, Certificate of Proficiency in English - University of Cambridge, Certificate of Proficiency in English - University of Michigan)
- German – Medium level (B1 level, Zertifikat Deutsch - Goethe-Institut)
- Spanish – Medium level (B1 level, DIPLOMA DE ESPANOL COMO LENGUA EXTRANJERA – Nivel Inicial)
- Turkish – Basic level (2 years of studies)