


University of Western Macedonia - Department of Environmental Engineering

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| Name: | Georgios Martinopoulos |  |
| Position: | Dr-Eng Mechanical Engineer / Visiting Lecturer | |
| Short CV: | <p>Dr. Georgios Martinopoulos received the diploma of Mechanical Engineering from the Aristotle University of Thessaloniki in 2002. He holds an MSc in Processes and Advanced Materials Technology (2004) and a PhD in Mechanical Engineering (2009) from Aristotle University of Thessaloniki. He has worked as a Research Associate in the Process Equipment Design Laboratory of the Mechanical Engineering Department in Aristotle University from 2002 where he also concluded a Post Doc sponsored by the Greek State Scholarship Foundation and has participated in many Research and Development projects. He is an Academic Associate at the School of Science and Technology at the International Hellenic University. His research interests include Renewable Energy Utilization with emphasis in Solar Thermal Energy Technology, Energy Efficiency in Buildings and Life Cycle Analysis, which has led to 26 peer reviewed publications in international scientific, 20 peer reviewed publications in international conferences, 7 book chapters and more than 15 publications in national conferences (>600 citations with an h-index of 11.</p> | |
| Selected Publications 2013-2018 (up to five) | <ol style="list-style-type: none"> 1. <u>G. Martinopoulos</u>, «Life Cycle Assessment of solar energy conversion systems in energetic retrofitted buildings», Journal of Building Engineering, Volume 20, Pages 256-263, 2018. 2. <u>G. Martinopoulos</u>, G. Tsalikis, «Diffusion and adoption of solar energy conversion systems – The case of Greece», Energy, Volume 144, Pages 800-807, 2018. 3. <u>G. Martinopoulos</u>, «Energy efficiency and environmental impact of solar heating and cooling systems», Advances in Solar Heating and Cooling Systems, Woodhead Publishing, Elsevier, 2016. 4. <u>G. Martinopoulos</u> and G. Tsalikis, «Active Solar Heating Systems for Energy Efficient Buildings in Greece: A Technical Economic and Environmental Evaluation», Energy and Buildings, Vol. 68, Part A, pp. 130-137, 2014. 5. <u>G. Martinopoulos</u>, G. Tsilingiridis, N. Kyriakis, «Identification of the environmental impact from the use of different materials in domestic solar hot water systems», Applied Energy, Vol.102, pp. 545-555, 2013. | |
| Research Projects 2013-2018 (up to five) | <ol style="list-style-type: none"> 1. Principle Investigator of the research project «Summer School in energy Building Design” at I.H.U., 2015. 2. “Renewable Energy and Landscape Quality (RELY)". European Cooperation in the field of Scientific and Technical Research, COST Action: TU 1401, (2014-2018). MC Member (Management Committee Member). 3. Research Associate at the research program “Hellenic Civilian Unmanned Air Vehicle” Ελληνικό Πολιτικό Μη Επανδρωμένο Αερόχημα», AUTH, 2015. 4. Research and Academic Associate “Post Graduate Programm in Energy Systems” IHU, 2013-now. | |
| Distinctions: | <ol style="list-style-type: none"> 1. Postdoctoral scholarship frm IKY (2011-2012). 2. Elsevier Science: 8 Certificates of Excellent and Outstanding Reviewing 2013-2017. | |