

Short CV

Evangelia (Eva) Loukogeorgaki



PERSONAL INFORMATION

Full name: Evangelia (Eva) Loukogeorgaki
Current Position: Assistant Professor of Marine Structures, Department of Civil Engineering, Faculty of Engineering, Aristotle University of Thessaloniki (AUTH), Thessaloniki, Greece
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Date of Birth: June 3, 1979

EDUCATION

- **2002 – 2007:** PhD in Civil Engineering, Department of Civil Engineering, AUTH, Thessaloniki, Greece.
- **1997 – 2002:** Dipl. Civil Engineer, Department of Civil Engineering, AUTH, Thessaloniki, Greece.

WORK EXPERIENCE

- **April 2014 – today:** Assistant Professor of Marine Structures, Department of Civil Engineering, AUTH, Thessaloniki, Greece.
- **January 2012 – April 2014:** Lecturer (Entry level faculty member) on “Sustainable Design of Marine Structures”, Department of Civil Engineering, AUTH, Thessaloniki, Greece.
- **May 2009 – August 2009** and **May 2011 – August 2011:** Adjunct Lecturer, Department of Civil Engineering, AUTH, Thessaloniki, Greece
- **January 2010 – August 2010:** Adjunct Lecturer, Department of Spatial Planning and Development, AUTH, Thessaloniki, Greece
- **2004 – 2007:** Teaching Assistant, Department of Civil Engineering, AUTH, Thessaloniki, Greece
- **February 2009 – October 2009** and **March 2010 – October 2010:** Engineering Consultant on Marine Structures for Greek Public Organizations.
- **October 2007 – November 2008:** Civil Engineer in ATHONIKI TECHNIKI S.A. (Engineering and Construction Company in Thessaloniki, Greece).

RESEARCH EXPERIENCE

- Continuous and successful research activity for more than 12 years in the field of marine structures.
- **Main research interests:** Fluid-structure interaction, Ocean engineering, Offshore structures (fixed bottom and floating structures) for various applications (e.g. platforms for oil and gas exploitation, offshore wind turbines and wave energy converters), Hydroelastic analysis of floating structures, Mooring systems, Coastal structures (fixed bottom and floating) for protection in the sea environment (e.g. floating breakwaters), Risk assessment of marine structures, Spatial planning of offshore renewable energy technologies, Optimization methods, Structural health monitoring of marine structures.
- Participation in **12 research projects** funded by national and international sources (e.g. “Planning and Engagement Arenas for Renewable Energy Landscapes (PEARLS)” - HORIZON2020, Marie Skłodowska-Curie Research and Innovation Staff Exchange, “Violent Slamming Impulsive Hydrodynamic Loading on Jacket Foundations of Offshore Wind Turbines (VIHYDRO)” - MARINET, 7th Framework Programme, “Response Assessment of Flexible Parts of Offshore Wind Turbines subjected to Large Translations/Rotations due to Wave Loading (FlexOWT-Wave)” - MARINET, 7th Framework Programme, “Integrated European Industrial Risk Reduction System (IRIS)” - 7th Framework Programme).

PUBLICATIONS

- 14 publications in international peer-reviewed journals, 27 publications in international conferences (peer reviewed), 2 publications in national conferences (peer reviewed), 7 publications in international and national conferences (non peer reviewed) and co-author of one book chapter.
- More than 135 citations (h-index factor based on data of January 2018: 8 (Scopus), 6 (Web of Knowledge) and 9 (Google Scholar)).

DISTINCTIONS – AWARDS

- **January 2017:** Fellowship “FY2017 JSPS Invitational Fellowship for Research in Japan (Long-term)” (Fellowship ID: L17539) from the Japan Society for Promotion of Science (JSPS) for conducting research titled: “Hydrodynamic Cloaking of a Floating Body with Optimized Materials on Free Surface” in collaboration with Professor Masashi Kashiwagi at the Department of Naval Architecture and Ocean Engineering, Osaka University, Osaka, Japan. (Implementation: April 2017 – July 2017)
- **January 2012:** Fellowship “2216 - Research Fellowships for Foreign Citizens” from the Scientific and Technological Research Council of Turkey (TUBITAK) for implementation of the project titled “Experimental Investigation of the Performance of Flexible Moored Floating Breakwaters”. (Implementation: May 2012 – December 2012)
- **June 2017 – today:** Member of the Board of Directors of the International Society of Offshore and Polar Engineers (ISOPE).
- **June 2014 – today:** Chair of the Scientific Committee “International Coastal Engineering Committee (ICEC)” of the ISOPE Annual Conference.
- **June 2011 – June 2014:** Secretary of ICEC of the ISOPE Annual Conference.
- **June 2010 – June 2011:** Secretary of the Scientific Committee “International Hydrodynamics Committee (IHC)” of the ISOPE Annual Conference.
- **June 2016:** “Session Organizer of the Year Award” from the International Society of Offshore and Polar Engineers for the outstanding initiative as organizer for the 26th (2016) International Ocean and Polar Engineering Conference, Rhodes, Greece, June 26 – July 1, 2016.
- **March 2012:** IRIS Prize of Excellence 2012 awarded by Executive Board of the research project “Integrated European Industrial Risk Reduction System (IRIS)” (7th Framework Programme, Theme: 4 – NMP, FP7-NMP-2007-LARGE-1, CP-IP 213968-2).
- **December 2007:** Biographical inclusion in the Who's Who in Science and Engineering, 10th Anniversary Edition. Marquis Who's Who Publications.
- **July 2007:** International Award for the year 2007-2008 from the International Society of Offshore and Polar Engineers (ISOPE Offshore Mechanics Scholarship for Outstanding Students).

ADDITIONAL INFORMATION

- **2007 – today:** Member of the International Society of Offshore and Polar Engineers (ISOPE)
- **2016 – today:** Member of the Hellenic Hydrotechnical Association (HHA)
- **2005 – today:** Member of the Technical Chamber of Greece - Registered Professional Engineer in Greece
- **2009 – today:** Member of the Technical Committee of the Annual Conference of the International Society of Offshore and Polar Engineers (ISOPE).
- **2012 and 2016:** Member of the Organization Committee of the 22nd and the 26th International Offshore and Polar Engineers Conference (ISOPE 2012 and 2016).
- **2017 and 2018:** Member of the Scientific Committee of the 2nd Renewable Energy Sources - Research and Business Conference (RESRB 2017) and of the 14th International Conference on Protection and Restoration of the Environment (PRE2018) respectively.
- **Reviewer in scientific journals** (e.g. Applied Ocean Research, Ocean Engineering, Journal of Fluids and Structures, Journal of Waterway, Port, Coastal, and Ocean Engineering, Journal of Marine Structures) and in **international conferences** (e.g. 17th ~ 27th ISOPE Conferences (ISOPE 2007 ~ ISOPE 2017), 8th and 9th ISOPE Pacific / Asia Offshore Mechanics Symposium (PACOMS 2008 and PACOMS 2010), 11th European Wave and Tidal Energy Conference (EWTEC2015), 12th and 13th International Conference on Protection and Restoration of the Environment (PRE2014 and PRE2016)).