SHORT CURRICULUM VITAE

Dr. **Christos V. Makris** was born in Thessaloniki (Greece) on 26/02/1979. He studied **Civil Engineering** in Aristotle University of Thessaloniki (AUTh) and acquired his Diploma in 2005, with **specialty** in **Hydraulic and Environmental Engineering**. He holds a master's degree Diploma (**MSc**) in **Coastal Water Resources, Engineering and Management** from National Technical University of Athens (NTUA) since 2007. He has received a Doctorate Diploma (**PhD**) on **Computational Fluid Dynamics** for **Wave-induced Coastal Processes** from AUTh's Civil Engineering Department in 2014. He is a member of TCG/TEE, IAHR, EGU, HHA/EYE associations.

His research interests and experience are focused on the following fields: coastal/ocean/maritime engineering/hydrodynamics/modelling, physical and operational oceanography, computational fluid dynamics, turbulence models, numerical modelling of wave dynamics, surf zone dynamics and turbulence, nearshore wave-induced mean flows, Smoothed Particle Hydrodynamics (SPH) numerical simulations, Smagorinsky-type models for turbulence closure, Large Eddy Simulation (LES) approaches, Boussinesq-type and Mild-Slope Equation wave models, design of mild-type coastal protection works (submerged breakwaters, etc.), design of submarine diffusers and outfalls discharge systems, wave-structure interaction, storm surges and sea level variations, storm surge modelling, wave-induced sea level, sea level rise, coastal flooding, sea level extremes, oceanographic forecast systems, Climate Change impacts on the marine environment, modelling of diffusion, transport, dispersion and dilution of pollutants in the marine environment, seawater quality monitoring, oceanographic field measurements (wave and tide gauges, CTD, ADCP, etc.). Additionally, he has experience in the development of software for educational purposes in Coastal Engineering, Maritime Hydrodynamics, and Operational Oceanography.

He has written **4 scientific/academic theses** in graduate, post-graduate, doctoral and post-doctoral level. He has **103 published articles, books, book chapters, papers, abstracts and presentations**: 19 peer-reviewed articles in international and national scientific journals with impact factor (*IF*), 2 peer-reviewed book chapters, 1 academic graduate-level textbook on Coastal Oceanography/Engineering and Maritime Environmental Hydraulics, 51 peer-reviewed conference papers, 17 conference abstracts in the proceedings of international and national scientific conferences, and 13 miscellaneous publications (newsletters, lectures, etc.). He is an *ad hoc* **reviewer** for **25 journals** and **3 conferences** (**58** reviews) and **guest/topic editor** in **2 scientific journals**. He has also contributed to the formulation of **60 technical reports** in the framework of research projects. His published research total scores are: 90.74 *CiteScore* points, 53.98 *IF* points, 744 *h5-index* points, **756 citations** (**401 hetero-citations**, 53.1%), **h-index: 15**, *i10*-index: 19, *i1*-index: 71, and *Research Interest* score: **885**. He has received a distinction (Thomaideio) prize for MSc students by NTUA in 2007, and one scholarship for post-doctoral research (IKY-SIEMENS excellence funding of the State Scholarships Foundation; SSF/IKY) in 2016-2017.

He has participated in **17** international and national **research projects** in NTUA and AUTh, such as **Accu-Waves** (http://accuwaves.eu/), **Wave4Us** (http://wave4us.web.auth.gr/), **MEDAQCLIM** (http://medaqclim.po42.com/), **CCSEAWAVS** (http://www.thalis-ccseawavs.web.auth.gr/), **TIMMOD** (http://timmod.org/), etc. He has taught as a University Fellow Scholar in AUTh the 8th semester courses "Mathematical Modelling of Water Quality in Aquatic Ecosystems", "Hydraulics for Groundwater Flows", and "Numerical Models for Hydraulic Engineering" (Program: Development of Human Resources, Education and Lifelong Learning). He also has 7-year experience as a Teaching Assistant for the courses "Harbour Works and Port Engineering" and "Coastal Engineering". Furthermore, he has participated in writing and submission of several research proposals for national and EU-funded programs such as HORIZON2020, ELIDEK, ERC, etc. Moreover, he also has experience in organizing international workshops (DMPCO, Wave4Us, Accu-Waves, etc.).

Full curriculum vitae can be found at the URL: https://people.auth.gr/cmakris/