

Biography

Michail Chalaris is a Chemist, Ph.D. & MA. Dr. Chalaris is Assistant Professor, Division Physical Chemistry and Chemical Technology at Department of Chemistry, International Hellenic University & Research Director on Risk, Hazards, Crises, and Safety at Hephaestus Advanced Laboratory and Director deputy on MSc in Quality, Safety, Security, Health, and Environmental Management, IHU.

TEACHING ACTIVITIES	
2021 -	Tenure Track Assistant Professor, Undergraduate courses: -History of Physical Sciences, 1st semester (fall) -Physical Chemistry II (Chemical Kinetics, transport phenomena and Statistical Mechanics) 3rd semester (spring) -Physical Chemistry Laboratory, 3rd semester (spring) -Occupational Health and Safety in the Chemical Industry, 5th semester (fall) -Physical chemistry of surfaces, 7th semester (fall) Department of Chemistry, International Hellenic University, Greece.
2015 -	Adjunct Professor, PostGraduate courses: -Technological disaster and environmental emergencies (2015 – until now), (spring semester), Interinstitutional Interdepartmental MSc “Analysis and Management of Manmade and Natural Disasters”, FOF, Hellenic Fire Academy and International Hellenic University, Greece. -Hazard Identification & Risk Management (2018 – until now), (fall semester), M.Sc in Oil and Gas Technology, Department of Chemistry, International Hellenic University, Greece.
1999 – 2021	Adjunct Professor, Undergraduate courses: General Chemistry (2013-2017, 2007-2010 & 2000-2004), Health and Safety in Fire Operations (2017-2021), -Fuel Fires (2017-2021), Fire Officers Faculty, Hellenic Fire Academy, Greece
2017 - 2021	Adjunct Professor, Yearly undergraduate course CBRN Threats, Military Nursing Academy (SAN), Greece
(2005 – until now)	Tutor at the National School of Public Administration and Local Government (ESDDA) and a certified trainer by National Organization for the Certification of Qualifications

Supervision of five (5) Ph.D. Theses and one (1) postdoctoral fellow. Already they completed fourteen (14) M.Sc. theses. In progress: six (6) M.Sc. theses. Furthermore, Chalaris is Retd Major General (HFCs) and 25-year veteran of the Fire Service. He has many publications relevant to scientific interests, in Books, International Journals, and Proceedings of International Conferences (<https://www.researchgate.net/profile/Michail-Chalaris>).

Prof. Chalaris is a program committee member of several international conferences. He has organized/coordinated or participated as a keynote and invited lecturer/speaker on several advanced training courses and advanced research workshops. He also managed/participated in several multi-year projects related to the area of his expertise. He has taken part in interviews and discussions on TV regarding issues relevant to his expertise. He is a regular author of relevant articles for the daily press and journals.

EDUCATION	
2019-2020	School of Law, Criminology and Government, University of Plymouth, UK, <i>A Strategic Evaluation of Energy Security in the Eastern Mediterranean</i> , MA in Applied Strategy and International Security (Act Number ΔOATAΠ : H48M617/2021)
2018-2019	Hellenic National Defense College, Greece, <i>Operational Incident Management Models. Decision Making Process and its Implementation. Documentation of Results at Strategic Level.</i>
2012-2013	School of Further Education & Professional Training, Hellenic Fire Academy, Greece, <i>Theoretical Principles of Organizational Changes in The Hellenic Fire Corps Based on European Standards</i>
1994 -1999	Chemistry Department, School of Sciences, National and Kapodistrian University of Athens, Greece, <i>Statistical Mechanical Studies Via Molecular Dynamics Simulation Techniques of Liquid Systems Consisted of Protic (MeOH, H₂O) and Aprotic (DMSO, DMF) Solvents</i> , Ph.D. in Chemistry
1995-1996	Fire Officers Faculty, Hellenic Fire Academy, Greece, BSc
1988-1993	Chemistry Department, School of Sciences, National and Kapodistrian University of Athens, Greece, BSc in Chemistry

RESEARCH GRANTS			
Project Title	Funding source	Period	Role of the PI
Building Ecosystem Integration Labs at HEI to foster Smart Specialization and Innovation on Sustainable Raw Materials - HEI4S3-RM	EU	7/2022 – 6/2024	Deputy Scientific Coordinator on behalf of IHU and WP leader at the project
Smart Education and Training Program for central and local government servants: Embrace Vulnerability as our Greatest Strength and Innovative tools for Risk Management. - SETOFF	EU	2/2022 – 1/2025	Project Coordinator
Modern Tools for wildfires' and Floods' Risk punctual forecast and monitoring and innovative techniques for citizens' safeguard awareness and preparedness - PREVENT – T	Co Funded EU and National resources of the participating countries	2/2022 – 6/2023	Deputy Project Coordinator and WP leader at the project
Accelerated training of teachers in the implementation of distance education (holistic approach) – T4E	Co-funded by Greece and the European Union	2021	Member of the scientific team of the Dpt of Chemistry, IHU
Training and Knowledge Sharing Platform for First Responders and Educational Tools for students' and citizens' awareness and preparedness against Natural and Manmade Disasters and Risks - RESISTANT	EU	1/2021 - 9/2022	Leader and Scientific advisor of one of the partners of the project
Search and Rescue: Emerging technologies for the Early location of Entrapped victims under Collapsed Structures and Advanced Wearables for risk assessment and First Responders Safety in SAR operations - SnR	EU	7/2020 – 6/2023	WP leader at the project

Other Details:

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