

## WEBINAR LECTURERS



**Efi TSOLAKI**  
PhD

Chief Scientific Officer  
**ERMATECH GROUP**

Efi started her journey in Environmental Engineering at Technical University of Crete in 1998. Wastewater treatment and management “enslave” her interests. She is the first academic in Greece with specialization in Ballast Water and joined ERMA FIRST in early 2010.

From the beginning of her career in the marine industry she focused on Research and Development, certification of the systems and environmental policies.

She acts as the Chief Scientific Officer of the company with main responsibility of the certification process, applying all relevant international regulations, business development worldwide and environmental compliance, safety and marine preservation.

She is serving International Ballast water Environmental Manufacturers Association (BEMA) on several roles of President,

Vice-President and Chair of Organization Committee. Until 2023 she was acting as the President of International Ballast water Manufacturers Association (BEMA) with a decisive contribution to their acceptance in the International Maritime Organization (IMO) as an NGO. She is Part of Greek Delegation as Technical Advisor on International Maritime Organization (IMO) and participates in IMO Committees of Marine Environmental Protection Committee (MEPC) and Pollution Prevention and Response (PPR).

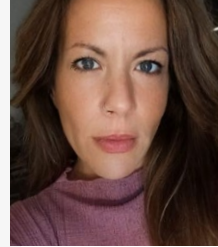
She is also an active alumni of Technical University of Crete of Environmental And Chemical Engineering School and part of the Advisory Board of Technical University of Crete and provides useful guidance on teaching, research, and other high-impact activities. A Wista Hellas member and a member of WISTA International Technology working committee.

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**Nikos KYRITSIS**  
MBA

Business Development  
Manager  
**ERMATECH GROUP**



**Villy VRAKATSELI**  
PhD

Chemical Engineer  
**POLARIS CONSULTING  
ENGINEERS**

Nikos holds BEng in Mechanical, production engineering & management, Msc in automation systems and MBA.

His field of expertise is design engineering and product development. Since 2003 he has been involved in various research projects in CAD, reverse engineering (point clouds or MRI data) related projects, and has experience in systems design, engineering and production.

He joined ERMA FIRST in 2009 and after his involvement in the development, design and engineering of company's systems he was responsible for BWTS detail engineering and integration on board vessels, involved in system and production optimisation and acted as the head of Design and Engineering department and Technical product manager of BWTS until 2017.

Currently he is acting as ERMA FIRST Business Development Manager, developing crew training centers, developing new BWTS and other products related to ERMA FIRST know how and developed technology as well as company's strategy to provide environmentally safe and viable solutions for the marine industry.

Dr. Villy Vrakatseli is a Chemical Engineer with a PhD in Materials Science and Plasma Processes, with extensive experience in research, experimental procedures and equipment development.

Since 2022, she has been serving as a Scientific Consultant at Polaris Consulting Engineers, based in Piraeus, Greece. In this role, she has been actively involved in specialized sampling procedures for the marine industry, including IHM, Inventory of Hazardous Materials, sampling, as well as ballast water sampling and analysis in accordance with the IMO D-2 Regulations.

Her commitment to improving sampling equipment and methodologies played a key role in the establishment of the Polaris Analytical Laboratory, which is ISO 17025:2017 accredited for ballast water sampling and water sample analyses. Dr. Vrakatseli currently serves as Laboratory Manager at Polaris Consulting Engineers.

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