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## Abstract Book

### International Conference

“Environmental Toxicants in Freshwater and Marine Ecosystems in the Black Sea Basin”

September 8<sup>th</sup>-11<sup>th</sup>, 2020  
Kavala, Greece

**BSB27-MONITOX**

Black Sea Basin interdisciplinary cooperation network for sustainable joint monitoring of environmental toxicants migration, improved evaluation of ecological state and human health impact of harmful substances, and public exposure prevention

### Editors

Thomas Spanos  
Antoaneta Ene  
Valasia Iakovoglou



Εκτύπωση: Organotiki OE  
2020



**The editor of the material:**

International Hellenic University, Kavala, Greece  
Department of Chemistry,  
Agios Lucas 65404 Kavala, Greece  
Phone: +30 2510 462169  
Email: [tspanos@chem.ihu.gr](mailto:tspanos@chem.ihu.gr)  
Website: <https://www.iuh.gr>

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**Address of the Organizing Committee:**  
International Hellenic University,  
Department of Chemistry,  
Agios Lucas 65404 Kavala, Greece  
e-mail: [tspanos@chem.ihu.gr](mailto:tspanos@chem.ihu.gr)

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2014-2020

Εκτύπωση: Organotiki OE  
Βενιζέλου & Δαγκή 10, 65403, Καβάλα

Organotiki OE  
Βενιζέλου & Δαγκή 10, 65403, Καβάλα  
tel.: +30 2510 227922  
Fax: +30 2513 006464  
email: [info@organwtiki.gr](mailto:info@organwtiki.gr)

ISBN 978-618-85036-0-1

## Editors Preface

The International Conference “*Environmental Toxicants in Freshwater and Marine Ecosystems in the Black Sea Basin*” is organized by the International Hellenic University (IHU), Greece and Dunarea de Jos University of Galati, (UDJG), Romania, in the frame of the project with code BSB27, *“Black Sea Basin interdisciplinary cooperation network for sustainable joint monitoring of environmental toxicants migration, improved evaluation of ecological state and human health impact of harmful substances, and public exposure prevention”* (acronym “MONITOX”), funded under the EU CBC Joint Operational Programme “Black Sea Basin 2014-2020” framework, in collaboration with the partner institutions - Institute of Zoology, Republic of Moldova (IZ), Institute of Geology and Seismology, Republic of Moldova (IGS) and “Danube Delta” National Institute for Research and Development, Tulcea, Romania.

The Conference is focused on the current developments on environmental monitoring and management of deltaic and wetland areas with an emphasis on the results obtained so far in the frame of research activities of the Project BSB27. It provides an opportunity for members of the target groups, scientists, decision-makers and stakeholders to meet each other and to establish new relations and partnerships. This fact will promote the cooperation in environmental research and management among countries from the connected regions - Black Sea Basin and the Mediterranean Basin.

Participation is very encouraging, from researchers and specialists members of the project BSB27, to scientists and young researchers representing other institutions from Greece, Romania, Republic of Moldova, Ukraine, Turkey, Jordan, Cyprus, the Netherlands, Spain, Republic of Armenia, Palestine and Russian Federation, as well as volunteers - undergraduate students, magisters, doctoral students, alumni. More than 65 abstracts were selected for plenary and poster presentations, covering a wide range of topics grouped in three interrelated sections.

The sections of the conference are:

1. *Monitoring of toxicants in Rivers - Deltas - Seas ecosystems in the Black and Aegean Seas Basins*
2. *Water quality, human health and biodiversity*
3. *Environmental technologies, oil fingerprinting, restoration and management of aquatic ecosystems*

The editors would like to thank: the authors of the papers, the international scientific committee for their assistance in reviewing, EU CBC Joint Operational Programme “Black Sea Basin 2014-2020” for their funding.

We hope that the International Conference of MONITOX network will provide a suitable background for the exchange of information and ideas in virtually all areas of environmental research specific to deltas and wetlands ecosystems, leading us towards a better scientific and academic interdisciplinary networking in the Black Sea Basin.

**Editors:**

Prof.dr. Thomas Spanos - *Project coordinator Partner 3, IHU, Greece*  
Prof.dr. habil. Antoaneta Ene - *Project Manager, Leader Partner 1,  
UDJG, Romania*  
Dr. Valasia Iakovoglou - *Project member- Partner 3, IHU, Greece*

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Address: Agios Lucas 65404 Kavala, Greece  
Tel: +30 2510 462169.; e-mail: [tspanos@chem.ihu.gr](mailto:tspanos@chem.ihu.gr)  
website: <https://www.ihu.gr>

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## CONFERENCE CHAIRS

Prof. dr. habil. Antoaneta Ene  
Prof. dr. Thomas Spanos  
Prof. dr. hab. Elena Zubcov  
Dr. Oleg Bogdevich  
Dr. Liliana Teodorof

## ORGANIZING INSTITUTIONS

International Hellenic University, Kavala, Greece (IHU)

“Dunarea de Jos” University of Galati, Romania (UDJG)  
INPOLDE Research Center, ReForm-UDJG Multidisciplinary  
Platform

## PARTNERS



### Leader Partner 1 (LP1) - UDJG

“Dunarea de Jos” University of Galati  
47 Domneasca St., 800008 Galati, Romania  
Tel.: (+40) 336 130109; fax: (+40) 236 461353  
E-mail: rectorat@ugal.ro  
Website: [www.ugal.ro](http://www.ugal.ro)  
Project Manager: Antoaneta ENE, prof. dr. habil. eng. phys.

### Partner 2 (PP2) - IZ

Institute of Zoology  
1 Academiei St., MD2028, Chisinau, Republic of Moldova  
Tel/fax: (+373) 22 739809  
E-mail: izoolasm@yahoo.com  
Website: [www.zoology.asm.md](http://www.zoology.asm.md)  
Project Coordinator: Elena ZUBCOV, mem.cor., prof.dr.hab.

### Partner 3 (PP3) - IHU

International Hellenic University (IHU) (former EMATTech)  
Ag. Loukas St., GR-65404, Kavala, Greece  
Tel. /fax: (+30) 2510462148  
E-mail: info@teiemt.gr  
Website: [www.teiemt.gr](http://www.teiemt.gr)  
Project Coordinator: Thomas SPANOS, prof. dr.

### Partner 4 (PP4) - IGS

Institute of Geology and Seismology  
60/3 Gheorghe Asachi St., MD2028, Chisinau, Republic of Moldova  
Tel.: (+373) 22 739027; fax: (+373) 22 739663  
E-mail: cancelarie.igs@asm.md, cancelarie.igs.asm@gmail.com  
Website: [igs.asm.md](http://igs.asm.md)  
Project Coordinator: Oleg BOGDEVICH, dr., conf.

### Partner 5 (PP5) - DDNI

Danube Delta National Institute for Research and Development  
165 Babadag St., 820112 Tulcea, Romania  
Tel. /fax: (+40) 240 531 520/ (+40) 240 533547  
E-mail: office@ddni.ro  
Website: [www.ddni.ro](http://www.ddni.ro)  
Project Coordinator: Liliana TEODOROF, dr.

Facebook address: [fb.me/Monitox.project.BSB27](https://fb.me/Monitox.project.BSB27)

Project website: [www.monitox.ugal.ro](http://www.monitox.ugal.ro)

## INTERNATIONAL SCIENTIFIC COMMITTEE

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**Thomas Spanos** (IHU, Greece)  
**Antoaneta Ene** (UDJG, Romania)  
**Valasia Iakovoglou** (IHU, UNESCO CON-E-ECT Greece)

### *Members*

**Christina Chatzichristou** (IHU, Greece)  
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**Vilson Topi** (IHU, Greece)  
**George Zaimis** (IHU, UNESCO CON-E-ECT, Greece)

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