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„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 (MONITOX)”

MONITOX International Symposium *Deltas and Wetlands* PROGRAM

September 15, 2019 (Sunday): Arrival of participants		
17 ³⁰ - 19 ⁰⁰	Registration of participants and Welcome Party	
September 16, 2019 (Monday)		
9 ³⁰ - 10 ⁰⁰	Registration of participants	
Venue: Hotel Select, Tulcea		
PLENARY SESSION		
➤ Convener: Dr. Chem. Liliana Teodorof, Project coordinator <i>Danube Delta National Institute for Research and Development</i>		
10 ⁰⁰ - 10 ¹⁵	- Opening ceremony Dr. Marian Tudor - General Director, <i>Danube Delta National Institute for Research and Development</i> Prof.dr.eng. Iulian Gabriel Bîrsan - Rector, <i>Dunarea de Jos University of Galati</i>	
Invited Lectures		
➤ Convener: Prof. Dr. Habil. Antoaneta Ene, Project Manager <i>Dunarea de Jos University of Galati</i>		
Section 1 - Monitoring of Toxicants in Rivers - Deltas - Seas Ecosystems in the Black Sea Basin		
10 ¹⁵ - 10 ³⁰	Invited lecturer: Antoaneta Ene <i>Dunarea de Jos University of Galati</i> Antoaneta Ene, Elena Zubcov, Thomas Spanos, Oleg Bogdevich, Liliana Teodorof	Interdisciplinary Cooperation for Ecological Monitoring in the Black Sea Basin

10 ³⁰ - 10 ⁴⁵	Invited lecturer: Eiliv Steinnes <i>Norwegian University of Science and Technology, Trondheim, Norway</i>	Importance of Chemical Speciation in Environmental Studies
10 ⁴⁵ - 11 ⁰⁰	Invited lecturer: Marina Frontasyeva <i>Joint Institute of Nuclear Research, Dubna, Russia</i>	Study of Temporal Trends of Pollution in the Russian Coastal Areas of the Black Sea by Nuclear and Related Analytical Techniques
11 ⁰⁰ - 11 ³⁰	Coffee break	
11 ³⁰ - 11 ⁴⁵	Invited lecturer: Liliana Teodorof <i>Danube Delta National Institute for Research and Development, Romania</i> Liliana Teodorof, Adrian Burada, Cristina Despina, Daniela Seceleanu - Odor, Mihaela Țigănuș, Cosmin Spiridon, Marian Tudor, Antoaneta Ene	Mercury Concentrations in Surface Waters and Sediments from Target Areas of MONITOX Network
11 ⁴⁵ - 12 ⁰⁰	Invited lecturer: Elena Zubcov <i>Institute of Zoology, Chisinau, Moldova</i> Elena Zubcov, Ion Toderas, Laurentia Ungureanu, Antoaneta Ene, Thomas Spanos, Liliana Teodorof, Oleg Bogdevici, Nina Bagrin, Natalia Zubcov, Lucia Biletschi, Nadejda Andreev, Victor Ciornea, Nicolai Grosu, Petru Ciorba	Ecotoxicological Investigations on Water Ecosystems
<p>➤ Convener: Prof. dr. Eiliv Steinnes <i>Norwegian University of Science and Technology, Trondheim, Norway</i></p> <p>Section 2 - Water Quality, Human Health and Biodiversity</p>		
12 ⁰⁰ - 12 ¹⁵	Invited lecturer: Octavian Dului <i>University of Bucharest, Romania</i> Octavian Dului, Romul Margineanu, Carmen Varlam, Constantin Costea	Natural Radioactivity of the Black Sea Western Shore
12 ¹⁵ - 12 ³⁰	Invited lecturer: Ana Pantelică <i>Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering</i> Ana Pantelică, Dan Pantelică, Andrei Apostol, Nicoleta Florea, Decebal Iancu	Ion Beam Analysis Complementary to Instrumental Neutron Activation Analysis on <i>Gafrarium Tumidium</i> Marine Clam (IAEA-461 Reference Material)

12 ³⁰ - 12 ⁴⁵	<p>Invited lecturer: Oleg Bogdevich <i>Institute of Geology and Seismology, Chisinau, Republic of Moldova</i></p> <p>Oleg Bogdevich, Antoaneta Ene, Igor Nicoara, Oleg Cadocinico, Elena Culighin, Elena Nicolau</p>	<p>The Characteristic of Sediments Quality of Natural Lakes in Lower Prut Region</p>
<p>➤ Convener: Assoc. Prof. dr. Claudia Stih <i>Valahia University of Targoviste, Romania</i></p> <p>Section 3 - Environmental Technologies, Restoration and Management of Aquatic Ecosystems</p>		
12 ⁴⁵ - 13 ⁰⁰	<p>Invited lecturer: Thomas Spanos <i>Eastern Macedonia and Thrace Institute of Technology, Kavala, Greece</i></p> <p>Thomas Spanos, Athanasios Mitas, Antoaneta Ene, Christina Chatzichristou, Konstantinos Dermentzis, Oleg Bogdevich</p>	<p>Evaluation of Groundwater Quality through Environmetrics. The Case of Kavala Region</p>
13 ⁰⁰ - 13 ¹⁵	<p>Invited lecturer: Ilya Trombitsky <i>International Association of River Keepers Eco-Tiras, Chisinau, Republic of Moldova</i></p>	<p>The Dniester River Basin Treaty as a Modern Approach to Transboundary Waters Management in post-Soviet Area</p>
13 ¹⁵ - 13 ³⁰	<p>Invited lecturer: George N. Zaimes <i>Eastern Macedonia and Thrace Institute of Technology, Drama, Greece; UNESCO Chair Con-E-Ect</i></p> <p>George N. Zaimes, Valasia Iakovoglou, Dimitrios Emmanouloudis, Olga Papantsiou</p>	<p>WaSec - Innovative Educational Tools for the Sustainable Management of Semi-Aquatic Ecosystems to Promote Water Security in the Eastern Mediterranean</p>
13 ³⁰ - 14 ³⁰	Lunch (<i>Select Restaurant</i>)	
POSTER SESSION		
<p>➤ Conveners: Dr. Adrian Burada, Prof.dr. Adrian Cîrciumaru <i>Danube Delta National Institute for Research and Development, Romania</i> <i>Dunarea de Jos University of Galati, Romania</i></p>		
14 ³⁰ - 16 ³⁰	Posters sessions	
16 ³⁰ - 18 ³⁰	Lessons learnt - open discussions	
19 ³⁰ - 21 ⁰⁰	Dinner (<i>Select Restaurant</i>)	
September 17 - 18, 2019 (Tuesday-Wednesday)		
9 ³⁰ - 15 ⁰⁰	Field trip in the Danube Delta Biosphere Reserve	
September 18, 2019 (Wednesday) - Departure of participants		

Posters

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1. Elena Zubcov, Natalia Zubcov
Monitoring of Trace Metals in the Ontogenesis of Freshwater Fish
2. Antoaneta Ene, Oleg Bogdevich, Elena Zubcov, Yuriy Denga, Thomas Spanos, Ana Pantelică, Marina Frontasyeva, Claudia Stihi, Liliana Teodorof, Adrian Burada, Cristina Despina, Dana Iulia Moraru, Elena Culighin, Alina Sion, Vasile Başliu, Alina Ceoromila, Simona Sorina Moraru, Florin Sloată
Nuclear and Atomic Techniques Used for the Quantification and Mapping of Heavy Metals and Trace Elements in Soils
3. Antoaneta Ene, Adrian Cîrciumaru, Iulian Gabriel Bîrsan, Elena Zubcov, Oleg Bogdevich, Thomas Spanos, Viorel Cartaş, Eugenia Pascu, Violeta Pintilie, Florin Sloată, Nicusor-Daniel Patrascu, Liviu Vodarici, Mădălina Stăvărache
Radioactivity Levels in Selected Areas of the Black Sea Basin in Romania, Republic of Moldova and Greece
4. Adrian Burada, Cristina Despina, Daniela Seceleanu - Odor, Mihaela Țigănuș, Liliana Teodorof, Antoaneta Ene, Marian Tudor
Nutrient Level in Surface Water near Urban Agglomerations. Case Atudy: Confluence Area Siret - Danube -Prut
5. Claudia Stihi, Antoaneta Ene, Marina Frontasyeva, Cristiana Radulescu
Romanian Heavy Metal Atmospheric Deposition Studies with Biomonitoring and Analytical Techniques Network
6. Cristiana Radulescu, Claudia Stihi, Petre Bretcan, Danut Tanislav, Ioana Daniela Dulama
Ground-Waters Chemical Characterization by Analytical Techniques and Statistical Approaches
7. Aida Vasile, Antoaneta Ene, Gabriela Bahrim
Microbiological Quality and Contamination Level of Danube River Water in Ostrov-Isaccea Sector, South-Eastern Part of Romania
8. Elena Enachi, Carmen Chițescu, Gabriela Bahrim, Antoaneta Ene
Monitoring of Emerging Pollutants from Aquatic Ecosystems - Antibiotics, Endocrine Disruptors and Contraceptives
9. Cristina Despina, Liliana Teodorof, Adrian Burada, Daniela Seceleanu-Odor, Mihaela Țigănuș, Cosmin Spiridon, Iuliana-Mihaela Tudor, Marian Tudor, Antoaneta Ene
Application of Inductively Coupled Plasma Mass Spectrometry (ICP-MS) in the Field of Environmental Protection

10. Cosmin Spiridon, Adrian Burada, Liliana Teodorof, Cristina Despina, Daniela Seceleanu-Odor, Marian Tudor, Antoaneta Ene, Lucian-Puiu Georgescu Spatial Distribution of Phytoplankton in Razim Lake
11. Daniela Seceleanu-Odor, Cristina Despina, Adrian Burada, Liliana Teodorof, Mihaela Țigănuș, Cosmin Spiridon, Antoaneta Ene, Marian Tudor Percentage Distribution of Nitrogen Forms in Aquatic Complex Somova-Parches in 2018
12. Sophia Mitkidou, Nikolaos Kokkinos, Konstantinos Trompakas Forensic Fingerprinting of Biomarkers for Oil Spill Characterization: The Case Study of Kavala, Greece
13. Nikolaos Kamidis, Georgios Sylaios, Argyris Sapounidis, Nikolaos Stamatias, Manos Koutrakis Investigating the Quality of Nestos River System
14. Liubovi Lebedenco, Elena Zubcov, Laurenția Ungureanu, Nadejda Andreev The use of *Daphnia magna* Straus, 1820 as a Test Object in Ecotoxicological Studies
15. Daria Tumanova, Laurenția Ungureanu, Nadejda Andreev, Antoaneta Ene, Liliana Teodorof Diversity of Phytoplankton and Water Quality in the Danube River During Spring 2019

Section 2 - Water Quality, Human Health and Biodiversity

16. Elena Zubcov, Natalia Zubcov, Laurentia Ungureanu, Nina Bagrin, Olga Jurminskaja, Lucia Biletschi, Nadejda Andreev, Daria Tumanova Influence of Trace Metals and Biogenic Elements on the Production Processes and Biochemical Oxygen Consumption-CBO5 (in situ and Laboratory Modelling)
17. Ilya Trombitsky, Alexander Moshu Dependence of Endangered Wetland Fish Species *Umbra krameri* Dniester Population from Hydropower Development
18. Tatiana Siniaeva, Dumitru Sirețeanu Experience of Transboundary Cooperation of Sanitary Epidemiological Services of Moldova and Ukraine on Water and Health Issues of Dniester River
19. Dumitru Bulat, Denis Bulat, Ion Toderaș, Marin Usatîi, Laurenția Ungureanu, Antoaneta Ene, Elena Zubcov Comparative Aspects of Ichthyofauna of Dniester and Prut Rivers
20. Alexandru Moshu, Ilya Trombitsky On the Parasites Diversity of *Umbra krameri* (Esociformes) from the Lower Dniester

21. Aurel Năstase Fish Fauna from Freshwater in Danube Delta
22. Denis Bulat, Dumitru Bulat, Elena Zubcov, Marin Usatîi, Lucia Biletschi, Nadejda Andreev The Gobiidae Family in Aquatic Ecosystems of the Republic of Moldova
23. Iasemin Suliman, Iuliana-Mihaela Tudor, Lucica Tofan Assessment of Water Quality in Flowing Ecosystems from Danube Delta Biosphere Reserve Based on Zooplankton Community
24. Luiza Florea Evaluation of Fish Community Importance Species from ROSCI0105 Lower Prut Floodplain
25. Luiza Florea The Commercial Fishing in the Prut River
26. Antoaneta Ene, Dana Iulia Moraru, Steluța Gosav, Romana Drașovean, Alina Sion, Florina Cristiana Căpriță Analysis of Physical-Chemical and Radiological Parameters of Surface and Groundwater from Lower Danube Region, Galati County
27. Olga Jurminskaia, Elena Zubcov, Nina Bagrin, Lucia Biletschi, Antoaneta Ene, Liliana Teodorof The Use of DO-BOD Correlation to Assess the Biochemical Potential of Water Ecosystem
28. Roman Corobov, Ghennadi Sirodoev Change in Climate of the Prut River Basin
29. Aikaterini Mitska, Aspasia Deligianni, Chrysanthi Kostopoulou, Thomas Spanos The Potable Water Quality of Kavala, Northern Greece

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33. Antoaneta Ene, Violeta Pintilie Radon and Thoron Activity Concentrations in Selected Indoor Environments in Lower Danube and Danube Delta Region, Romania
34. Ana Pantelica, Antoaneta Ene PIXE Analysis of Elemental Content in River and Underground Water
35. Oleg Bogdevich, Igor Nicoara, Oleg Cadocinicov, Elena Culighin, Evgenii Isicico, Victor Jeleapov The Application of GIS Technology for Environmental Risk Assessment from Toxic Substances
36. Olga Cazanteva, Ghennadi Sirodoev Fragmentation and Flow Regulation of the Prut River Systems
37. Cristian Trifanov, Adrian Burada, Liliana Teodorof Visualizing the Chemical Parameters in surface Water of the Danube River. Case Study: Danube River Km 175 - Km 67
38. Paschalis Koutalakis, Ourania Tzoraki, George N. Zaimis Detecting Riverbank Changes with Remote Sensing Tools. Case study: Aggitis River in Greece
39. Antoaneta Ene, Steluța Gosav Capabilities of FT-IR Spectroscopy for the Investigation of Microplastics in Environmental Samples and Personal Care and Cosmetic Products
40. Christina Chatzichristou, Ioannis Kalavrouziotis, Thomas Spanos Reuse of Treated Municipal Wastewater Effluents for Irrigation in Protected Areas: The Case of Nestos Delta Region
41. Vilson Topi, Thomas Spanos, Christina Chatzichristou Quantitative and Semi-quantitative Analysis using Inductively Coupled Plasma- Mass Spectrometry (ICP-MS)
42. Sorina-Simona Arbanas (Moraru), Antoaneta Ene, Steluta Gosav, Dana Iulia Moraru Intensive Agricultural Practices and Industrial Activities Influence on Soil Fertility of Agroecosystems from Prut and Siret Lowlands, SE Romania
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