

## AGENDA

### **16 May 2018, Wednesday**

- Arrival of participants

### **17 May 2018, Thursday – Venue: "Mihail Kogălniceanu" City Hall, Păcii Street, No. 20 - Tulcea**

- 8,30-9,30 Registration
- 9,30-10,00 – Opening / Welcome ceremony
- 10,00-10,30 – Plenary presentation:

#### **Key-note Speaker**

**Prof. Dr. Nicolae Panin** → Danubius RI – The International Centre for Advanced Studies on River Estuarine-Sea Systems

- **10,30-10,50 – Coffee Break**

#### **Oral Communications**

- Section I: **Biodiversity and nature conservation**

### **Moderators: Dr. Ion Năvodaru & Dr. Liviu Daniel Galatchi / Dr. Dorel Ureche**

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|----|-------------|--|---|
| 1. | 11.00-11.20 | <u>Marinov Mihai</u> , Dorosencu Alexandru, Alexe Vasile, Răileanu Ștefan  | The assessment of colonial waterbirds from Danube Delta Biosphere Reserve (Romania) in 2016 and 2017  |
| 2. | 11.20-11.40 | <u>Kohlmann Klaus</u> , Ciorpac Mitică, Kersten Petra, Geßner Jorn, Taflan Elena, Tosic Katarina, Holostenco Daniela, Suciu Radu | Genetic assessment of sterlet ( <i>Acipenser ruthenus</i> ) from a Lower Danube wild population using nuclear and mitochondrial markers                       |
| 3. | 11.40-12.00 | <u>Alexandrou Olga</u> , Catsadorakis Giorgos  | Guidelines for responding to incidences of disease outbreak in pelicans   |
| 4. | 12.00-12.20 | <u>Skorupski Jakub</u>   | Phylogenetic analysis of the complete mitochondrial genome of the European mink <i>Mustela lutreola</i> shed light on the species recent evolutionary history |
| 5. | 12.20-12.40 | <u>Áron Péter</u> , Barti Levente, Csósz István, Alexandra Cordoneanu Földvári Mihály, Sándor D. Attila                          | Study on host specificity of bat flies (Nycteribiidae) from Romanian and Bulgarian bat populations  |
| 6. | 12.40-13.00 | <u>Ciubuc Constantin</u>   | Specified Diversity of the Carabides (Ord. Coleoptera) of the Danube Delta Biosphere reserve trapped with light traps   |

**13.00-14.30 - LUNCH BREAK**

□ Section II: Environmental factors, Ecological Restoration and & Anthropic Impact

**Moderators: Dr. Jenica Hanganu & Denis N. Aibulatov**

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|-----|-------------|---|--|
| 7.  | 14.30-14.50 | Augustynek Halny P., Babiasz R., Božek J., Ciężak K., Engel J., Furdyna A., Gawlik R., Jaszczuk E., Kotowski W, <u>Leś Ewa</u> , Nawrocki P., Wawręty R., Wiśniewska M.M. | "May the rivers flow naturally" – Save the Rivers Coalition as an example of Polish social movement caring about the rivers and peoples safety |
| 8.  | 14.50-15.10 | <u>Ciuvăt Alexandru Liviu</u> , Daia Mihai, Dinu Cristiana, Marcu Cristiana, Apostol Ecaterina, Apostol Bogdan  | Managing natural regenerations that occurred after harvesting hybrid poplar plantations along the Lower Danube floodplain                      |
| 9.  | 15.10-15.30 | <u>Aibulatov D.N.</u> , Shkolniy D.I., Maksakov N.A.  | Features of river mouths on archipelagoes of the Russian Arctic  |
| 10. | 15.30-15.50 | <u>Fasola Regina</u>  | Impact of atmospheric pollution on forest biodiversity in the Republic of Moldova  |
| 11. | 15.50-16.10 | <u>Gliga Olesea</u>   | The anthropic impact on the dynamics of same heavy metals in the environmental components, the bees body and their products                    |

**16,30-18,00 - Coffee Break & POSTERS SESSION (Venue: AVRAMIDE House, Progresului Street No. 32,)**

**17.00-18.00 PICO (Presenting Interactive Content) → 10 min/presentation**

**Apostol Mihaela**: New developments in air and water quality monitoring systems

**Sorin Bogdan** - Equipment and solutions for water and environment

**Constantinescu Adrian C.**, Paula Pindic, Bănescu Alexandru, Anore Ciprian: Flooding hazard and risk maps for localities along Sulina and Sf. Gheorghe Branches

**Răileanu Ștefan**, Cernea Mihai, Marinov Mihai: Epidemiological aspects related to parasitosis and infectious diseases in the equines population of Grindul Letea - Danube delta

Ioja Cristian, Carstea Elfrida, **Talaba Odelin**, Hossu Alina, Cheval Sorin, Sandric Ionut, Vanau Gabriel, Nita Mihai, Popa Ana-Maria: Assessment of ecosystems services generated by Morii Lake in Bucharest city

**Spiridon Cosmin** et all: Preliminary results on phytoplankton in Zaghen Polder

□ **19,00 - Official Dinner**

**18 May 2018, Friday**

Plenary presentation - **Venue: "Mihail Kogălniceanu" City Hall**, Păcii Street, No. 20 - Tulcea

**9.00-9.30**

**Key-note speaker**

**Prof. Dr. Lucian Puiu Georgescu** → COMMUNITIES BUILDING KNOWLEDGE: Innovation through citizens' science

**Oral Communications**

Section II: Environmental factors, Ecological Restoration and & Anthropic Impact

**Moderators: Dr. Jenica Hanganu & Denis N. Aibulatov**

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|----|------------|--|--|
| 1. | 9.30-9.50  | <u>Hanzu Mihail</u> , Zaharia Alexandru, Ienășoiu Gruită, Cucu Alexandru | Structure of a woody ecosystem naturally regenerated in Olt river wetland  |
| 2. | 9.50-10.10 | <u>Theochari Dimitra</u>   | What's next for China's Sponge Cities? Innovative riparian delta design of river bed, wetlands, amphibian tunnel, and flood protection system. |

Plenary presentation

**10.15-10.45**

**Key-note speaker**

**Prof. Dr. Erika Schneider** → Lesser known species and habitats in Danube Delta

**10.45 –11.00 Coffee Break**

Section III: Natural Resources and Socio-economic aspects

**Moderators: Dr. Aurel Lup & Dr. Mihai Doroftei**

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|----|-------------|--|--|
| 3. | 11.10-11.30 | <u>Niculescu Alina Cristina</u><br>Frenț Cristi                              | The identification and evaluation of risks impacting on the locals and on tourist activities in the town of Sulina   |
| 4. | 11.30-11.50 | <u>Iorça Alexandru</u>   | Political ecology of fisheries and poaching in the Danube Delta  |
| 5. | 11.50-12.10 | <u>Lup Aurel</u> , Indira Deniz Alim, Liliana Miron                          | Agricultural programs in the Danube delta and the Danube flood plain   |
| 6. | 12.10-12.30 | <u>Negrei Costel</u> ,<br>Crăciun Anca, Tudor Marian                         | Methodology for assessing the integration of the environmental decision in the strategy of developing organizations in the economic area of the Danube Delta Biosphere Reserve |
| 7. | 12.30-12.50 | Sbarcea Mădălina, <u>Petrișor Alexandru-Ionuț</u> , Petrișor<br>Liliana Elza | Mapping potential environmental conflicts in the Danube Delta Biosphere Reserve  |

**13.00-14.30 - LUNCH BREAK**

- Section IV: Geographical Information System and Application System Modeling

**Moderators: Dr. Nina Dobrinkova & Dr. Iulian Nichersu**

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|-----|-------------|--|--|
| 8.  | 14.30-14.50 | <u>Hanganu Jenică</u> ,<br>Constantinescu Adrian, Covaliov Silviu              | Monitoring the trophic state of lakes based on aquatic vegetation survey by means of Sentinel 2 images |
| 9.  | 14.50-15.10 | <u>Dobrinkova Nina</u>   | Application of GIS tools in wildland fire modeling for south Bulgarian test cases                      |
| 10. | 15.10-15.30 | <u>Magritsky</u> Dmitry V., Mikhailov V.N., Kravtsova V.I.,<br>Mikhailova M.V. | Hydrological and morphological processes in the river deltas of Caspian sea                            |
| 11. | 15.30-15.50 | <u>Ogrezeanu Andrei</u> , Nichersu I., Nichersu I.I.                           | Flood Serv semantic wiki based on ontology evaluation  |

- **16.00-17.30.**  
**ROUND TABLE: Integrating researches, practices and policies for multisector collaboration in sustainable wetlands science**
- 19,00 – Dinner

**19 May 2018, Saturday**

- 9.00-18.00 – Field trip to Danube Delta (*Sulina*)

**20 May 2018, Sunday**

Departure of participants

## POSTERS

## Section I: Biodiversity and nature conservation

No.	Author (s)	Title
1.	Alexe Vasile, Doroşencu Alexandru, Marinov Mihai	Preliminary data on mammal species of community interest in Danube Delta Biosphere Reserve
2.	Andrei Raluca-Cristina (Guriencu), Victor Cristea, Mirela Creţu, Lorena Dediu	Swimming mode of sturgeons. A review
3.	Cerşişencu Irina, Năvodaru Ion, Ibram Orham, Năstase Aurel	Projection of changes in productivity of pike-perch ( <i>Sander lucioperca</i> ) from Razim Lake under climate changes by VPA modeling
4.	Culcea Oana, Boicenco Laura, Lazăr Luminiţa, Pantea Elena	Algal blooms in the Romanian Black Sea waters in the beginning of the 21 <sup>st</sup> Century
5.	Doroftel Mihai, Burada Adrian, Alexe Vasile, Doroşencu Alexandru, Năstase Aurel, Trifanov Cristian, Covaliov Silviu, Lupu Gabriel, Cristina Despina, Ibram Orhan, Mierlă Marian, Tudor Mihaela, Marinov Mihai, Pindic Paula, Sali Iasemin, Spiridon Cosmin	Zaghen Polder – monitoring of ecological aspects after reconstruction works
6.	Holostenco Nicoleta Daniela, Ionescu T., Taflan Elena, Honţ Ştefan, Paraschiv Marian, Iani Marian, Bushuiev S., Chashchyn O., Memis D., Komakhidze G., Mihalache I., Creţu M., Bichescu C., Bîrsan I., Cristea V., Suci Radu, Ciorpac Mitică	An overview of Black Sea sturgeons: supportive stocking success, feeding area communities, dispersal, and species gene pool
7.	Kohlmann Klaus., Kersten Petra, Geßner Jorn, Eroglu O., Firidin S., Ciorpac Mitică, Taflan Elena, Suci Radu	Validation of 12 species-specific, tetrasomic microsatellite loci from the Russian sturgeon, <i>Acipenser gueldenstaedtii</i> , for genetic broodstock management
8.	Lupu Gabriel, Tudor Iuliana-Mihaela, Ibram Orhan	Assessment of threatening at regional level for community interest insect species from Danube Delta Biosphere Reserve
9.	Năstase Aurel, Năvodaru Ion, Cerşişencu Irina, Ţiganov George	The fish communities of lake-complexes from Danube Delta Biosphere Reserve in spring and autumn of 2016
10.	Przemysław Śmietana, Marek Budniak	Efficiency of interspecific mating in indigenous crayfish <i>Astacus astacus</i> and <i>Astacus leptodactylus</i>
11.	Oţel Vasile, Nagy András Attila	Is <i>Carrasius gibelio</i> (Bloch, 1782) (Pisces, Cyprinidae) a non-native or native species in Europe and Romania?
12.	Ozimec Siniša, Dragan Prlić, Vlatko Rožac	Aquatic and wetland vegetation of the Kopački Rit Nature Park, Croatia
13.	Răileanu Ştefan, Cernea M., Marinov Mihai	Epidemiological aspects related to parasitosis and infectious diseases in the equines population of Grindul Letea - Danube delta
14.	Szenejko Magdalena, Skuza Lidia, Śmietana Przemysław	Molecular characterization of the noble crayfish <i>Astacus astacus</i> populations and its commensal <i>Branchiobdella parasita</i> from Pomeranian lakes in Poland
15.	Török Zsolt, Török Liliana	Occurrence of <i>Percottus glenii</i> in the Danube Delta Biosphere Reserve (Romania) after a decade of its presence in the area
16.	Dorel Ureche, Roxana-Elena Voicu, Camelia Ureche	Study of fish communities in the middle basin of trotus river (Romania) in 2015-2016
17.	Zawal Andrzej, Szlauer-Lukaszewska Agnieszka, Bańkowska Aleksandra, Michoński Grzegorz, Czernicki Tomasz, Janusz Katarzyna	Water mites (Hydrachnidia) of small lowland river Krapiel (NW Poland)

## Section II: Environmental factors, Ecological Restoration and &amp; Anthropic Impact

18.	Burada Adrian, Teodorof Liliana, Despina Cristina, Seceleanu-Odor Daniela, Tudor Iuliana-Mihaela, Ibram Orhan, Spiridon Cosmin, Georgescu Lucian, Ionescu Tudor	Concentrations of heavy metals in muscle tissue and some organs of juvenile sturgeon
19.	Bondar Constantin	Characteristics of water and alluvial transit through the Danube Delta

20.	Catianis Irina, Pojar Iulian, Grosu Dumitru, Pavel Ana Bianca	Investigation of the surface water quality parameters in the predeltaic area of the Danube Delta in 2017. Study case: Somova-Parcheş aquatic complex lakes.
21.	Certan Corina	Researches concerning forestry recultivation of sterile dumps in the Quarry „Lafarge Ciment” (Moldova) S.A. Rezina District, Republic of Moldova
22.	Cioacă Eugenia, Mierlă Marian, Pindic Paula, Anore Ciprian	Researches on the evolution of the Danube Delta Biosphere Reserve ecologically reconstructed ecosystems
23.	Cristian Ioja, Elfrida Carstea, Odelin Talaba, Alina Hossu, Sorin Cheval, Ionut Sandric, Gabriel Vanau, Mihai Nita, Ana-Maria Popa	Assessment of ecosystems services generated by Morii Lake in Bucharest city
24.	Mierlă Marian, Grigoraş Ion, Covaliov Silviu, Doroftei Mihai, Trifanov Cristian	Contributions in knowing the effects of climate change on some ecosystem services within Danube Delta Biosphere Reserve
25.	Pipirigeanu Vasile, Tudor Iuliana–Mihaela, Burada Adrian, Ibram Orhan, Teodorof Liliana, Bota Diana, Despina Cristina, Tudor Marian, Mierla Marian, Trifanov Cristian, Anore Ciprian, Munteanu Doina, Vintila Mihaela, Rafael Robert, Penchev Valeri, Kereš Bibiĉ Ena, Sajgó Nikoletta, Zöllner Joachim, Dahlke Friederike, Szuppinger Péter, Kállay Tamás, Budescu Florentina-Natalia Serban-Atanasiu Irina, Camernik Boris	Assessment of air quality status performed in the selected Danube river areas
26.	Pohonţu Corneliu Mihăiţă	Biodecolorization of reactive blue 19 dye from effluents by sorption on <i>Aspergillus brasiliensis</i> fungal biomass
27.	Rădan Sorin Corneliu Rădan Silviu, Catianis Irina, Grosu Dumitru, Iulian Pojar, Scrieciui Albert	Enviromagnetic Proxies And Lithological Characteristics Of Recent Sediments From Particular Aquatic Waterbodies In The Sfântu Gheorghe Branch Area: Oxbow Lakes And Sacalin Bay
28.	Raicu Filip, Ochinciuc Cristina Victoria, Sbarcea Mădălina	Sustainability upgrades for the built environment in the Danube Delta Biosphere Reserve
29.	Robea Mădălina-Andreea, Ştefan-Adrian Strungaru, Solcan Carmen, Nicoară Mircea, Plavan Gabriel, Petrovici Adriana	Chronic exposure to insecticide deltamethrin affects the aggressive behavior of zebrafish ( <i>Danio rerio</i> )
30.	Popescul Ovidiu, Ciopac Mitică, Trandafir Văcărean Irina Cezara, Lucian Gorgan, Dumitru Cojocar	Natural spread vs. invasiveness – <i>Scardinius erythrophthalmus</i> success within its genus
31.	Seceleanu-Odor Daniela, Burada Adrian, Despina Cristina, Teodorof Liliana, Ţigănuş Mihaela, Tudor Iuliana-Mihaela, Ibram Orhan, Spiridon Cosmin, Tudor Marian	Gradual changes in water quality parameters in Razim-Sinoe aquatic complex in the period 1991-2017
32.	Simionov Ira-Adeline, Cristea Victor, Plavan Gabriel, Baltag Stefan Emanuel, Strungaru Stefan-Adrian, Nicoară Mircea	The level of pollution with metals and organic carbon on the lower Danube sector through a multilvel analysis
33.	Theochari Dimitra	What's next for China's Sponge Cities? Innovative riparian delta design of river bed, wetlands, amphibian tunnel, and flood protection system.
34.	Tudor Iuliana–Mihaela, Teodorof Liliana, Ibram Orhan, Burada Adrian, Despina Cristina, Sali Iasemin, Tudor Marian, Lupu Gabriel, Doroftei Mihai, Covaliov Silviu, Odor Seceleanu Daniela, Mierlă Marian, Trifanov Cristian, Spiridon Cosmin, Ţigănuş Mihaela, Bănescu Angela	Water quality assessment of aquatic ecosystems using Water Framework Directive (WFD) classification (criteria) in Danube Delta Biosphere Reserve.
35.	Török Liliana, Török Zsolt	Techniques on how and when to analyze the presence of algal toxins

**Section III: Natural Resources and Socio-economic aspects**

36.	Bota Diana, Nanu Cristina, Bozagievici Raluca	Opinion Survey – A tool applied for the evaluation of tourist demand and supply in Danube Delta Biosphere Reserve
37.	Butoi Nicoleta Oana, Mateescu Carmen, Lungulescu Marius, Ducu Robert, Luchian Ana-Maria	Experimental research in stimulating algal growth and biomass productivity by electrophysical actions
38.	Kozłowska Aneta, Skorupski Jakub, Brzeziński Radosław	Project CATCH – how to bring coastal angling tourism and nature conservation together
39.	Marin Oana, Török Liliana, Török Zsolt	Mass development episodes of some opportunistic macroalgae during summer season along the Romanian Black Sea Coast in the last decade
40.	Năvodaru Ion, Cernişencu Irina, Năstase Aurel	Fishery from Danube Delta Biosphere Reserve – state and trends
41.	Sela Florentina, Marin Eugenia	Disparities in living conditions and life standards of D.D.B.R.'s human communities - Sulina case study
42.	Spiridon Cosmin, Ibram Orhan, Teodorof Liliana Tudor, Iuliana-Mihaela, Seceleanu-Odor Daniela, Burada Adrian, Despina Cristina, Ţiganuş Mihaela, Georgescu Lucian Puiu, Doroftei Mihai	Preliminary results on phytoplankton in Zaghen Polder
43.	Török Liliana, Mateescu Carmen, Ducu Robert, Török Zsolt	Establishing a protocol to analyze harvesting and exploitation of phytoplankton algae for biogas production

**Section IV: Geographical Information System and Application System Modeling**

44.	Alexandrov Laura, Spinu Alina, Madalina Rosca, Nenciu Magda, Angela Szultze, De Grunt Lisa Simone, Waldmann Clare, Zaharia Tania, Vlasceanu Elena, Golumbeanu Mariana, Niculescu Dragos	Focal Point for Black Sea Maritime Spatial Planning, contribution to European MSP Platform
45.	Alexandrov Laura, Spinu Alina, Mateescu Razvan, Nita Victor, Vlasceanu Elena, Nichersu Iulian, Marin Eugenia, Sela Florentina	Maritime Spatial Planning – Coastal erosion, vulnerabilities and public consultation on Case Study Eforie
46.	Alexandrov Laura, Spinu Alina, Niculescu Dragos, Fabio Grati, Francois Bastardie, Bolognini Luca, Celia Vassilou, Vlasceanu Elena, Anton Eugen, Gheorghe Radu, Nicolaev Alexandru, Maximov Valodia	Spatial synergies/conflicts between fisheries, aquaculture and other human activities evaluated in Romania by DISPLACE, GRID and cumulative impacts methodologies
47.	Panait Valentin Stănică Aurel Daniel, Mierlă Marian	The Danube River evolution within Danube Delta area based on the archaeological discoveries and remote sensing
48.	Iordache Gabriel, Bondar Constantin, Anghel Sorin, Malageanu Marian, Dudu Alexandra	Using of GIS techniques to assess the spatial changes of the islets in the Corabia area – Bechet harbor sector (km 626-679) between 1910-2017
49.	Margritsky Dmitry	Features of spatio-temporal variability of water runoff, sediment yield and heat flux in the delta of the Lena River
50.	Nicolaev Simion, Alexandrov Laura, Nita Victor, Filimon Adrian, Thorleifur Agustsson, Gomiero Alessio, Spinu Alina, Luminita Lazar, Andra Oros, Valentina Coatu	Ecological footprint under marine aqua-farms aiming impact - response assessment and management improvement for mariculture development in the Black Sea basin