



**„Deltas & Wetlands” DDNI Scientific Event Community, 27-th edition**

**Program: Tulcea, June 03 – 09, 2019**

1. **D&W** DDNI Symposium (June 05 – 09, 2019)
2. **DANS** (DANUBIUS Support RI) International Conference (June 06 - 08, 2019)
3. **REPEAT** Conference & Roundtable (June 05 – 09, 2019)
4. **FLOOD-Serv** Conference & Roundtable (June 07 - 08)
5. **Geohistoire** des zones humides d'ici et d'ailleurs (June 03 – 08, 2019)

**Deltas & Wetlands DDNI International Symposium,**

**DANS International Conference, FLOOD-serv Conference**

- ✓ **June 05, 2019 (Wednesday)** - Arrival of participants
  - ✓ **June 06, 2019 (Thursday)**
    - 8.30 – 9.30 - Registration of participants
- Venue: „Mihail Kogălniceanu” City Hall / Păcii Street no.20, Tulcea**
- **Convener: Dr. Biol. Marian Tudor**
    - 9.30 – 10.00 - Opening ceremony
    - 10.00 – 10.30 - Keynote speaker: **Prof. dr. Ming Jiang:**
      - **Wetland changes and adaptive conservation strategies under global change in China**
    - 10.30 – 10.45 - Coffee break
    - 10.45 – 13.00 - **DANS** International Conference

➤ **Convener: Dr. Eng. Iulian Nichersu**

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|-------------|-----------------------------|--|
| 10.45-11.15 | <b>Sidoroff Elisabeta</b>   | DANUBIUS – RI HUB  |
| 11.15-11.45 | <b>Stanică Adrian</b>       | DANUBIUS-RI International centre for advanced Studies on River – sea Systems, future distributed pan-European infrastructure dedicated to the study of River-Sea Systems |
| 11.45-12.15 | <b>Ungureanu Viorel Gh.</b> | Danube Delta Supersite – Concept, role and foreseen results  |
| 12.15-12.45 | <b>Iticescu Catalina</b>    | Danubius - RI – International Data Center  |
- 13.00 – 14.30 - Lunch (*Select Restaurant*)
  - 14.30 – 15.00 - Sect. I, Keynote speaker: **Dr. Tom Buijse:**
    - **Balancing large river regulation and ecological functioning**

- ✓ **DDBRA – Scientific Council**



**15.00 – 17.00 Sect. I, Presentations  
Biodiversity and nature conservation**

➤ **Convener: Dr. Eng. Ion Năvodaru, Co-convener: Dr. Tom Buijse**

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|-------------|--|--|
| 15.00-15.15 | <b>Petrișor Alexandru-Ionuț</b> ,<br>Petrișor Liliana Elza   | Are the Romanian natural protected areas properly covering the wetlands?   |
| 15.15-15.30 | <b>Negrea Bogdan Mihai</b> , Doroftei Mihai, Covaliov Silviu   | Coastal habitats and plant species that are likely to become endangered on North-Western Black Sea shore, Romanian sector  |
| 15.30-15.45 | <b>Negrei Costel</b> , Craciun Anca, Tudor Marian  | Possibilities of setting priorities for biodiversity conservation plan in the Danube Delta Biosphere Reserve   |
| 15.45-16.00 | <b>Kohlmann Klaus</b> , Kersten Petra, Geßner Jörn, Eroğlu Oğuzhan, Firidin Şirin, Memiş Devrim, Taflan Elena, Tošić Katarina, Holostenco N. Daniela, Suciu Radu, Ciorpac Mitică | Sturgeons of the Lower Danube River, Romania<br>Part 1: Population genetic structure of beluga, Russian, stellate and sterlet sturgeon   |
| 16.00-16.15 | <b>Ciorpac Mitică</b> , Taflan Elena, Holostenco N. Daniela, Tošić Katarina, Kohlmann Klaus, Kersten Petra, Geßner Jörn, Eroğlu Oğuzhan, Firidin Şirin, Memiş Devrim, Suciu Radu | Sturgeons of the Lower Danube River, Romania<br>Part 2: Recommendations for management and conservation  |
| 16.15-16.30 | <b>Ciubuc Constantin</b> , Lupu Gabriel, Spiridon Cosmin, Ibram Orhan  | Preliminary data on the specific diversity of carabids (Insecta, Ord. Carabidae) captured by multiple sampling methods from different specific habitats in ecotone areas of the Danube Delta |
| 16.30-16.45 | <b>Tamari Edisherashvili</b> , Ketevan Janashvili, Fleur Scheele, Radu Suciu   | Recruitment of sturgeons in the Rioni River, Georgia, in year 2018   |
| 16.45-17.00 | <b>Farkas Attila</b> , Náhlik András, Jánoska Ferenc   | Feeding strategy of the golden jackal ( <i>Canis aureus</i> L.) as European wetland's apex predator species  |

▪ 17.00 – 18.00 **Posters presentations & Business approaches & Coffee  
Venue: Avramide HOUSE**

➤ **Convener: Dr. Alexandru Doroşencu, co-convener: Dr. Xiagjin Shen**

**Apostol Mihaela**, TechnoInstrument  
**Bogdan Sorin**, MDS Electric

Integrated quality monitoring systems for environmental factors  
Equipment and solutions for water and environment



▪ 18.00 – 19.00 **PICO - PhD Thesis presentations**

➤ **Convener: Dr. Eng. Iulian Nichersu, co-convener: Dr. Xianguo Lyu**

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|-------------|---|---|
| 18.00-18.10 | <b>Holostenco Daniela Nicoleta</b> ,<br>Ciorpac Mitică, Paraschiv Marian, Iani Marian, Honț Ștefan, Taflan Elena, Tošić Katarina, Suciu Radu, Rîșnoveanu Geta | Overview of the Romanian sturgeon supportive stocking programme in the Lower Danube River system                  |
| 18.10-18.20 | <b>Crăciun Anca</b> , Negrei Costel, Cioacă Eugenia   | Ecological impact assessment of the ecological restoration projects on the ecosystem services in the Danube Delta |
| 18.20-18.30 | <b>Spiridon Cosmin</b> , Burada Adrian, Teodorof Liliana, Despina Cristina, Tudor Iuliana-Mihaela, Tudor Marian, Georgescu Puiu-Lucian                        | Spatial distribution of phytoplankton in Razim Lake   |
| 18.30-18.40 | <b>Trifanov Cristian</b> , Dumitriu Dan, Romanescu Gheorghe, Miha-Pintilie Alin, Stoleriu Cristian, Mierlă Marian   | “Checking the Pulse” of Sf. Gheorghe’s Arm Meanders from the Danube Delta Biosphere Reserve                       |

▪ **20.00** - Festive dinner (*Delta Restaurant*)

✓ **June 07, 2019 (Friday)**

- 9.00 – 09.30 - Sect. II, Keynote speaker: **Prof. dr. Thomas Hein:**
- **River floodplains in a changing world – their role and challenges ahead**

**9.30 – 11.15 Sect. II, Presentations**

**Environmental factors, Ecological restoration and Anthropogenic Impact**

➤ **Convener: Dr. biol. Marian Tudor, Co-convener: Prof. Dr. Ming Jiang**

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|-------------|---|---|
| 9.30-9.45   | <b>Xiangjin Shen</b> , Zhenshan Xue, Ming Jiang, Xianguo Lyu  | Spatiotemporal Change of Vegetation Coverage and its Relationship with Climate Change in Freshwater Marshes of Northeast China                |
| 9.45-10.00  | <b>Bogdevich Oleg</b> , Cadociniov Oleg, Culighin Elena, Nicolau Elena, Grigoraș Marina   | The evaluation of chemical status of Belevu lake  |
| 10.00-10.15 | <b>Fălcuță Elena</b> , Marinov Mihai, Cotar A., Dinu S., Doroșencu A., Alexe Vasile, Ceianu C., Vladimirescu A., Purcărea – Ciulacu V., Prioteasa Liviu | A two-year comparative survey (2015 – 2016) of West Nile virus circulation in Sălcișoara – Jurilovca area                                     |
| 10.15-10.30 | <b>Pipirigeanu Vasile</b>   | GREEN DANUBE - Integrated transnational policies and practical solutions for an environmentally-friendly Inland Water Transport system in the |



		Danube region
10.30-10.45	<b>Gorelits Olga</b>	Lower Volga Wetlands – hydrological regime and anthropogenic impact in XX-XXI cent.
10.45-11.00	Pepenel Ilie, Crăciun Nicolae, Dinu Catalin, Dulubei Denis, Jujea Valentin, Dumitrescu Adelina, Varcolici Anca, Hanganu Dorin, <b>Stoian Gheorghe</b>	Study of the biochemical parameters of sapropelic sludge of salt lakes from Buzau County protected area, with different degrees of microbiological degradation
11.00-11.15	<b>Golumbeanu Mariana</b> , Messal Fabrice, Mateescu Razvan	Regional Copernicus Marine Service Training Workshop for the Black Sea Stakeholders
	<ul style="list-style-type: none"> <li>▪ 11.15-11.30 - Coffee break</li> <li>▪ 11.30-12.00 - Sect III, Keynote speaker: <b>Dr. Delia Dimitriu</b> <ul style="list-style-type: none"> <li>▪ <b>Climate change impact on Danube Delta: decarbinising inland waters</b></li> </ul> </li> </ul>	
<b>12.00-13.30</b>	<b>Sect III, Presentations</b>	
	<b>Natural Resources and Socio-Economic Aspects</b>	
	➤ <b>Convener: Dr. Mihai Doroftei, Co-convener: Prof. Dr. Thomas Hein</b>	
12.00-12.15	<b>Covaliov Silviu</b> , Mihai Doroftei, Bogdan Negrea	Natural vegetal resources of Danube Delta territory - present status and trend
12.15-12.30	<b>Marin Eugenia</b> , Sicrieru Florentina, Mierlă Marian	Assessing the perception of local community on the transition from economic capitalization to biodiversity conservation in Danube Delta
12.30-12.45	<b>Statache Ramona</b>	Sustainable Tourism and the Danube Delta: Tourism Development Strategies Designed to Promote Natural Resource Conservation and Local Socio-Economic Benefits
12.45-13.00	<b>Sicrieru Florentina</b> , Marin Eugenia, Mierlă Marian	Current status of transport system in a fragile environment: Sulina case study
13.00-13.15	<b>Năstase Aurel</b> , Cernișencu Irina, Năvodaru Ion	Fish fauna status from lake-complexes of Danube Delta Biosphere Reserve (DDBR) in condition of growing population of <i>Percottus glenii</i> in 2018
	<ul style="list-style-type: none"> <li>▪ 13.30 – 15.00 - Lunch (<i>Select Restaurant</i>)</li> </ul>	



- 15.00-15.30 - Sect IV, Keynote speaker: **Prof. dr. Elchin Hafiz Sultanov**  
**Biodiversity and nature conservation importance for**  
**Europe of Deltas and Wetlands in Azerbaijan**

#### 15.30-16.15 Sect. IV, Presentations

#### Geographical Information System and Application System Modeling

➤ **Convener: Dr. Ion Grigoraș, Co-convener: Dr. Delia Dimitriu**

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|-------------|---|--|
| 15.30-15.45 | <b>Nichersu Iuliana I.</b> , Nichersu Iulian, Balaican Dragos   | Consistent ontological scenarios analysis on the information management towards the adaptative management of Danubius RI       |
| 15.45-16.00 | <b>Mierlă Marian</b> , Grigoraș Ion, Trifanov Cristian, Covaliov Silviu, Doroftei Mihai   | Contribution to study on evolution of climatic parameters and some environmental components, in Danube Delta Biosphere Reserve |
| 16.00-16.15 | <b>Balaican Dragoș</b> , Tudor Marian, Nichersu Iulian, Hanganu Victoria, Sicieru Florentina, Bănescu Alexandru, Sbarcea Mădălina, Anore Ciprian, Livanov Oliver, Mierlă Marian, Covaliov Silviu, Ciorpac Mitică, Bolboacă Lucian, Trifanov Cristian, Mișu-Pintilie Alin, Negrea Bogdan | The LUCAS project roller coaster   |
| 16.15-16.30 | <b>Nichersu Iuliana I.</b> , Nichersu Iulian, Bratfanof Edward, Balaican Dragos   | Implementation of a citizen-centric public service application in Danube Delta area for Flood-Serv Horizon2020 project         |

- 16.30 – 16.45 - Coffee break

#### 16.45-17.45 Parallel events: Roundtables of debates

##### 1. „Biodiversity Monitoring: Taxonomic approach vs. Molecular approach ”

- **Convener: Dr. Eng. Ion Năvodaru, Co-convener: Dr. Mitică Ciorpac**

##### 2. Danube Delta Challenges – Flood - Serv Responses (venue Dobrogea Hall, Tulcea County Council)

- **Convener: Dr. Iuliana Nichersu, Co-convener: Daniela Petroschi**

- 17.45 – 19.00 **DANS – DANUBIUS RI Conclusions**
- 20.00 - Dinner (*Delta Restaurant*)
- ✓ **June 08, 2019 (Saturday)**
  - 9.00 – 19.00 - Field trip in the Danube Delta Biosphere Reserve (*Sfântu Gheorghe*)



✓ **June 09, 2019 (Sunday)**

- Departure of participants

## **POSTERS**

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

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|---|--|
| 1. Alexe Vasile, Doroșencu C. Alexandru, Marinov Mihai, Kiss J. Botond, Bolboacă Lucian-Eugen, Mierlă Marian, Murariu Dumitru   | White-tailed Eagle ( <i>Haliaeetus albicilla</i> ) active nests and <i>Pelecaniformes</i> and <i>Ciconiiformes</i> waterbird colonies in the Danube Delta Biosphere Reserve-a rough spatial analysis |
| 2. Andrei (Guriencu) Raluca-Cristina, Cristea Victor, Crețu Mirela, Dediu Lorena  | The importance of respiratory studies in sturgeon conservation   |
| 3. Cachaza Marta Peraita, Dorosencu Alexandru   | Why does the White Stork ( <i>Ciconia ciconia</i> ) breed colonially in Doñana and does not in the Danube Delta?   |
| 4. Eruz Coşkun, Duzgüneş Ertug, Kandemir Raif   | Alpine wetlands of Ağaçaş , Barma and Yılandaş in Trabzon Province, Turkey   |
| 5. Iani Ion Marian, Paraschiv Marian, Honț Ștefan, Holostenco Daniela, Tošić Katarina, Taflan Elena, Suciu Radu, Georgescu Puiu Lucian, Iticescu Cătălina, Țopa Cătălina, Murariu Gabriel, Ciorpac Mitică | A glimpse of a better future for the Danube's flagship species - first return of stocked sturgeons into the river  |
| 6. Lupu Gabriel, Tudor Mihaela Iuliana, Sali Iasemin, Spiridon Cosmin, Ibram Orhan  | Entomofauna species – indicators for environmental quality   |
| 7. Marinov Mihai, Doroșencu Alexandru, Alexe Vasile, Bolboacă Lucian Eugen  | The assessment of colonial waterbird species from Danube Delta Biosphere Reserve (Romania) in 2018   |
| 8. Munteanu Andrei, Zubcov Nicolai, Bogdea L., Buciuceanu L., Crudu N.  | Current state of aquatic passeriformes ( <i>Locustella</i> , <i>Acrocephalus</i> ) in the Republic of Moldova  |
| 9. Pricop Emilian, Negrea Bogdan Mihai  | Researches on the invasive alien plant species of Bistrita river basin, Romania  |
| 10. Pricop Emilian, Negrea Bogdan Mihai   | The rarest fairyflies (Hymenoptera: Mymaridae) from Romania, with regards to species distribution - linked to the natural environment and some rare habitats   |



11. Sava Daciana, Afanasyev Dmitry Overview of Rhodopyta (red algae) from Romanian Black Sea coast and possible first record of new species

## Section II: Environmental factors, Ecological restoration and Anthropic Impact

12. Catianis Irina, Constantinescu Maria Adriana, Grosu Dumitru Assessment of the freshwater quality: a case study of the Carasu, Rotund and Cuzmânțu Mare shallow lakes - Danube Delta, Romania
13. Cioacă Eugenia, Năstase Aurel, Paraschiv Marian, Iani Marian, Mierlă Marian, Doroftei Mihai, Covaliov Silviu, Pindic Paula, Anore Ciprian, Bănescu Alexandru Researches on the conservation status of the fish natural breeding areas from the Somova-Parcheș hydrographic unit - Danube Delta Biosphere Reserve
14. Kozlova Maria, Gorelits Olga, Zemlyanov Igor The assessment of wetland recovery after the extreme drought in the Volga-Akhtuba Floodplain by multispectral satellite imagery
15. Marinov Mihai, Burada Adrian, Doroșencu Alexandru, Alexe Vasile, Teodorof Liliana, Țigănuș Mihaela, Bolboacă Lucian Eugen, Tošić Katarina, Kiss Janos Botond, Tudor Marian Preliminary data regarding the trace elements residues from the feathers of waterbirds in Danube Delta (Romania) in 2015
16. Scholz Miklas, Török Liliana Research-based Assessment of Integrated approaches to Nature-based SOLUTIONS (RAINSOLUTIONS)
17. Vlad E. Sabina, Iosif Ruben, Stănescu Florina, Cogălniceanu Dan Perception of visitors regarding the wildlife inhabiting an archaeological site from the Danube Delta Biosphere Reserve
18. Vladimirescu Alexandru Filip, Ciulacu-Purcărea Valeria, Priotesa Liviu Florian, Fălcută Elena The West Nile Virus (WNV) molecular detection in vectors: from the benchtop to the field-deployable laboratory
19. Zaved Hossain Khan, Hasan M. R., M. R. Al-Mamun Water and Sediment Pollution Near Sundarbans Forest: Toward Sustainable Development

## Sectiunea III: Natural Resources and Socio-Economic Aspects

20. Crăciun Anca, Bota Diana, Mădălina Sbarcea Bicycle touring - based ecotourism in the Danube Delta Biosphere Reserve



21. Crăciun Nicolae, Negrea Bogdan Mihai, Pop Emilian, Miu Bogdan, Stoian Gheorghe  
Experimental aquaculture research; the genus *Lemna* sp. highlighting environmental requirements and specific adaptations to environmental polytrophic conditions of some aquatic ecosystems

22. Marin Eugenia, Török Liliana, Mierla Marian, Török Zsolt  
The perception overview of main stakeholders on algal blooms in Danube Delta

#### **Sectiunea IV: Geographical Information System and Application System Modeling**

23. Alexandrov Laura, Nicolaev Simion, Nita Victor, Radu Gheorghe, Anton Eugen, Niculescu Dragos  
Maritime Spatial Planning in Romania – Black Sea, support for the marine fisheries and aquaculture development

24. Nenciu Magda, Alexandrov Laura, Angela Szultze, Lisa Simone de Grun, Clare Waldmann, Spinu Alina, Laura Boicenco, Madalina Rosca, Vlasceanu Elena  
New Contribution the Focal Point for Black Sea Maritime Spatial Planning, for the European MSP Platform

25. Niculescu Dragos, Nita Victor, Spinu Alina, Alexandrov Laura, Vassilopoulou Celia, Irida Maina, Mairi Maniopoulou, Eugen Anton, Gheorghe Radu, Alexandru Nicolaev, Madalina Rosca  
Assessment of cumulative impacts of marine fisheries and aquaculture on Romanian coastal ecosystem components with special focus on priority conservation features, under COFASP - ECOAST Project

26. Nicolaev Alexandru, Spinu Alina, Niculescu Dragoș, Bastardie Francois, Alexandrov Laura, Anton Eugen, Radu Gheorghe, Nita Victor, Roșca Mădălina  
Analysis of fishermen's behaviour to spatial management options and assessment of the economic and ecological performance of alternative spatial plans, under COFASP - ECOAST Project

27. Panait Valentin, Marian Mierlă, Stănică Aurel Daniel  
Black-box Model for G.I.S. analyzing of the lower sector of the Danube evolution

28. Petroschi Daniela- Camelia  
Challenges in Wetlands- FLOODserv Responses

29. Rosca Madalina, Alexandrov Laura, Niculescu Dragos, Nicolaev Alexandru, Olsen Erik, Guldborg Søvik, Nita Victor, Anton Eugen, Radu Gheorghe, Cernisencu Irina, Spinu Alina, Danilov Cristian, Tiganov George  
Identification of spatial and temporal potentials and limitations for the integration of fisheries, aquaculture and other marine activities through stakeholder consultation, under COFASP - ECOAST Project

30. Török Liliana, Politi Eirini, Török Zsolt, Philipson Petra, Lebreton Carole  
CyanoAlert-Space Based Cyanobacteria Services for Danube Delta