



wetlanet



INTERNATIONAL CONFERENCE  
WETLANDS: FUNCTIONING, MANAGEMENT AND RESTORATION  
16-19 October 2011, Albena Resort, Varna

**PROGRAMME**

**16 OCTOBER 2011, SUNDAY**

**13:00 - 18:30**      **Registration (Flamingo Grand Hotel)**

**19:00 - 21:00**      **Welcome Cocktail**

**17 OCTOBER 2011, MONDAY**

**09:00 – 09:30**      **Official Opening**

**09:30 – 10:30**      **Plenary Session I**  
**Co-chaired by N. Chipev and J. Duarte**

09:30 – 10:00      Y. Uzunov: The Water Framework Directive (2000/60/EC) and the wetlands

10:00 – 10:30      A.J. Green: Ornitholimnology: a review of the functional role of birds in wetlands

**10:30 – 11:00**      **Coffee Break**

**11:00 – 12:15**      **Thematic Session I.**  
**WETLAND ECOSYSTEMS: STRUCTURE AND FUNCTIONING**  
**Co-chaired by A. Protasov and L. Pehlivanov**

11:00 – 11:15      A. Panova-Karadzhova, Å.H. Frostegård, B. Lui: Introducing molecular analysis by studying denitrification bacterial population in soils from wetland Srebarna

11:15 – 11:30      R. Kalchev: Primary production and respiration in pelagial of five wetlands from Bulgarian Danube section

11:30 – 11:45      S. Kazakov, V. Tzavkova, L. Pehlivanov: Zooplankton diversity in relation to flooding dynamics of some wetlands along the Bulgarian Danube stretch

11:45 – 12:00      C. Casagranda, S. Klayn and D. M. Gallego: Macrozoobenthos of Atanasovsko Ezero (Bulgarian Black Sea coast): importance of sediment biodiversity for function and sustainable use

12:00 – 12:15      M. Pavlova, L. Pehlivanov: Trophic attributes of ichthyocenosis in Srebarna Biosphere reserve (NE Bulgaria) in terms of changing water level

**12:15 – 14:00**      **Lunch Break**

**14:00 – 15:00**      **Plenary Session II**  
**Co-chaired by Y. Uzunov and A.J. Green**

14:00 – 14:30      A. Protasov: Water techno-ecosystems and wetlands: ideas and research approaches

14:30 – 15:00      J. Duarte, C. Freissinet, A. Sombardier, S. Aeke raj, P. Huntjens: An IWRM case study in Portugal, France and Thailand including wetland conservation and climate change

**15:00 – 15:30**      **Coffee Break**

- 15:30 – 16:00**      **Poster Session I. Organisers: R. Fikova and D. Dimitrov**
- 16:00 – 17:00**      **Thematic Session II. WETLAND CONSERVATION**  
**Co-chaired by J. Matos and V. Biserkov**
- 16:00 – 16:15      N. Petkov: On applicability of the ferruginous duck (*Aythya nyroca*) as an indicator species to assess the result of the wetland restoration projects along the Danube River in Bulgaria
- 16:15 – 16:30      D. Gradinarov, M. Gramatikov, S. Nikolov, D. Perez Lopez, T. Michev & V. Biserkov: Long term changes in wetlands cover and the distribution of a flagship species at national level: the case with the White Stork (*Ciconia ciconia*) in Bulgaria
- 16:30 – 16:45      N. Ivanova: The long-term changes in the colony of Dalmatian pelican in Srebarna Biosphere Reserve, NE Bulgaria (a review)
- 16:45 – 17:00      N. Petkov, P. Cranswick, G. Popgeorgiev, G. Hilton: The lakes of Shabla and Durankulak as key sites for the red-breasted goose and first results of local movements studies using GPS radio tags
- 17:00 – 20:00**      **Tour of Varna with a wine tasting**  
**(not included in the Registration Fee)**

**18 OCTOBER 2011, TUESDAY**

- 9:00 – 10:00**      **Plenary Session III**  
**Co-chaired by S. Chankova and P. Zehntinjev**
- 09:00 – 09:30      S. Bensch: Spread of tropical malaria parasites in a changing climate
- 09:30 – 10:00      J. Matos, C. Borges, D. Mendonça, J. Guimarães, M. Varandas, P. Sá-Pereira, F. Simões: Genetic markers for assessing and preserving biodiversity
- 10:00 – 10:30** **Coffee Break**
- 10:30 – 12:15**      **Thematic Session III. WETLANDS BIODIVERSITY: POPULATIONS, COMMUNITIES, INTERSPECIFIC INTERACTIONS**  
**Co-chaired by S. Bensch and V. Peneva**
- 10:30 – 10:45      M. Ilieva, S. Bensch, O. Oparina, M. Oparin, B. Hansson, S. Åkesson, D. Dimitrov, A. Križanauskiene, P. Zehntindjev: Range expansion of Paddyfield warbler (*Acrocephalus agricola*) in wetlands along the Black Sea coast: population differences in genetics, parasite diversity and behaviour
- 10:45 – 11:00      P. Zehntindjev, S. Hahn, V. Amrhein, M. Ilieva, D. Dimitrov, A. Križanauskiene, A. Bobeva, M. Marinov, S. Bensch: Connectivity of Bulgarian wetlands: outcomes from bird malaria research and high technology in bird migration studies
- 11:00 – 11:30      D. Dimitrov, P. Zehntindjev, M. Ilieva, S. Bensch: Bird malaria and related haemosporidian parasites at Kalimok wetland area
- 11:30 – 11:45      P. Gil de Mendonça: Emerging infectious diseases and wetland conservation: the key to a can of worms?
- 11:45 – 12:00      B.B. Georgiev, M. Sánchez, S. Redón, G.P. Vasileva, P.N. Nikolov, P. Pankov, Y. Dimitrova, F. Amat, A.J. Green: Brine shrimps, water birds and avian cestodes: ecological consequences of parasitism in hyperhaline wetlands during an ongoing biological invasion
- 12:00 – 12:15      F.M. Bazigou, R. Merken, N. Koedam: A migratory corridor for wetland birds requires internationally coherent policies: the role of Greece in the Adriatic-Ionian Flyway
- 12:15 – 14:00**      **Lunch Break**

- 14:00 – 15:00**      **Thematic Session IV. COASTAL MARINE ZONES: FUNCTIONING AND RESTORATION**  
**Co-chaired by G. Hiebaum and G. Daskalov**
- 14:00 – 14:15      D. Berov, V. Vasilev, D. Deyanova, B. Gyosheva, G. Hiebaum: *Cystoseira* sp. macroalgal communities in SW Black Sea (Burgas Bay, Bulgaria): distribution, community structure, and possible long-term impact of eutrophication
- 14:15 – 14:30      D. Deyanova, S. Klayn, J. Georgieva, D. Berov, V. Valchev, V. Georgiev, S. Coneva, V. Karamfilov, G. Hiebaum: Sea-grass meadows in a eutrophic gradient: preliminary study of infauna and plant biomass from Burgas Bay to Ropotamo River mouth
- 14:30 – 14:45      S. Klayn, C. Casagrande, D.M. Gallego: First results on abundance and population structure of two deposit feeders in a man-made poikilohaline lagoon on the Black Sea coast, Atanasovsko Lake (Bulgaria)
- 14:45 – 15:00      G. Hiebaum, S. Bayalcaliev: Estimation of primary production of a wide polygon in the marine coastal zone
- 15:00 – 15:15      G. Daskalov: Integrated analysis and environmental status evaluation of marine ecosystem perturbed by regime shifts: the Black Sea
- 15:15 – 15:30**      **Coffee Break**
- 15:30 – 16:00**      **Poster Session II. Organisers: E. Varadinova and S. Kazakov**
- 16:00 – 17:15**      **Thematic Session IV. WETLAND MONITORING, MANAGEMENT, RESTORATION AND SUSTAINABLE USE**  
**Co-chaired by J. Dušek and G. Vasileva**
- 16:00 – 16:15      S. Chankova, D. Miteva, Z. Mitrovska, N. Yurina: Stress response of *Chlorella* species isolated from contrasting habitats
- 16:15 – 16:30      M. Kerakova, R. Soufi, E. Varadinova: New developed functional indices based on macroinvertebrate communities – adaptation and establishment on Bulgarian river ecosystems
- 16:30 – 16:45      P. Cudlín, H. Čížková, J. Pokorný, L. Štěrbová: Catalogue of measures to increase carbon deposition in wetlands
- 16:45 – 17:00      H. Soyhan: Enhancing emission characteristics of heat exchangers used in desalination of sea water
- 17:00 – 17:15      P. Borisova, Y. Uzunov, J. Liem: A Qualitative Reasoning Approach to modelling fish mortality due to algal blooms in wetlands nearby urban areas
- 17:15 – 17:45**      **Round Table. LONG-TERM RESEARCH OF WETLAND ECOSYSTEMS**  
**Co-chaired by P. Cudlín and S. Bratanova-Doncheva**
- 17:45 – 18:00**      **Concluding Session.**  
**Co-chaired by B.B. Georgiev and A.J. Green**
- 19:00 - 23:00**      **Official Dinner**

**19 OCTOBER 2011, WEDNESDAY**

**09:00 – 17:00**      **Tour to Durankulak Lake and Balchik**