

# Assessment and Management of *Dreissena* spp. Invasions In the Bulgarian Water Bodies

Project DO 02-283/2008, funded by Bulgarian Science Fund,  
Ministry of Education, Youth and Science

## FINAL PROJECT MEETING Sofia, 30 April – 4 May 2012

### AGENDA

**Monday, 30 April 2012**

**BEST WESTERN PLUS City Hotel Conference Hall**  
**6 Stara Planina Str., Sofia 1000**

09.30-10.30 Registration and coffee

10.30-11.00 **Opening session. Chair: T. Trichkova**  
Introduction and presentation of project participants

11.00-12.30 **Session 1 – Distribution and characteristics of native and invasive *Dreissena* populations. Chair: Assoc. Prof. Dr D. Kozuharov**  
- Recent distribution of *Dreissena* species in Bulgaria and relation to environmental factors (T. Trichkova, I. Botev et al.)  
- Diversity of *Dreissena bugensis* in Romania and Bulgaria as revealed by morphometric and microsatellite DNA analysis (Dr L. Popa et al.)  
- Characteristics of *Dreissena presbensis* from Lake Ohrid (Dr S. Trajanovski)

12.30-14.00 Lunch

14.00-14.40 **Session 1 – Cont.**  
- Development of GIS database and spatial analyses of *Dreissena* invasions in Bulgaria (Assoc. Prof. Dr A. Kotsev)

14.40-15.30 **Session 2 – Impact of *Dreissena* invasions on water physicochemical parameters and plankton communities. Chair: Prof. Dr S. Trajanovski**  
- The influence of *Dreissena* on physicochemical characteristics of three Bulgarian reservoirs (Assoc. Prof. Dr R. Kalchev et al.)  
- Bacterioplankton and its relation to environmental factors and *Dreissena* occurrence in reservoirs (Dr H. Kalcheva et al.)

15.30-16.00 Coffee break

16.00-17.00 **Session 2 – Cont.**  
- The zooplankton composition and community structure in relation to *Dreissena* occurrence in Bulgarian water bodies (Assoc. Prof. Dr D. Kozuharov)

**Tuesday, 01 May 2012**

**BEST WESTERN PLUS City Hotel Conference Hall**

**09.30-10.30 Session 3 – Impact of *Dreissena* invasions on benthic and fish communities. Chair: Assoc. Prof. Dr L. Popa**

- Diversity of benthic diatoms in relation to environmental factors in two Bulgarian reservoirs (Koprinka and Zhrebchevo) (Assoc. Prof. Dr N. Ognjanova et al.)
- Diversity of benthic macroinvertebrates in relation to environmental parameters and *Dreissena* occurrence in reservoirs in the Danube basin (Assist. V. Tyufekchieva et al.)
- Species composition, seasonal dynamics and similarity of benthic macroinvertebrate communities in infested and non-infested reservoirs in the Aegean Sea basin (Assist. Y. Vidinova et al.)
- Recent distribution of invasive alien mussels *Anodonta woodiana* and *Corbicula fluminea* (Mollusca: Bivalvia: Unionidae et Corbiculidae) in Bulgaria (Assoc. Prof. Dr Z. Hubenov, Assoc. Prof. Dr D. Kozuharov et al.)
- Variability of *Corbicula fluminea* in Europe (Dr O. Popa et al.)

10.30-11.00 Coffee

**11.00-12.30 Session 3 – Cont.**

- Ecological assessment based on benthic macroinvertebrate and diatom communities in the infested by *Dreissena* Ogosta Reservoir (Assist. Prof. Dr L. Kenderov, Assoc. Prof. Dr N. Ognjanova et al.)
- The ichthyofauna in the reservoirs in the North-West Bulgaria, Danube River basin (T. Trichkova)
- Trophic structure of three Bulgarian reservoirs (Assist. Prof. Dr L. Kenderov et al.)

12.30-14.00 Lunch

**14.00-15.30 Session 4 – Risk assessment and management of *Dreissena*. Chair: Assoc. Prof. Dr R. Kalchev**

- Development of the multi-criteria risk-based decision analyses framework for invasive *Dreissena* species in Bulgaria (T. Trichkova, D. Kelner)
- Winged mapleleaf management in response to the zebra mussel threat in the St Croix River Basin, Minnesota and Wisconsin, U.S.A. – project ongoing activities (D. Kelner)

15.30-16.00 Coffee break

**16.00-16.45 Session 4 – Cont.**

- Development and testing of methods for assessment of *Dreissena* fouling on water engineering facilities in infested water bodies (S. Cheshmedjiev)
- Program of measures for control and monitoring of *Dreissena* infestations in reservoirs (S. Cheshmedjiev)

**16.45-17.00 Session 5 – Dissemination of results and information exchange Chair: T. Trichkova**

- Project website; publications
- IAS networking - East and South European Network for Invasive Alien Species - ESENIAS

**Wednesday, 02 May 2012**

**Institute of Biodiversity and Ecosystem Research – Meeting Room  
1 Tsar Osvoboditel Blvd., Sofia 1000**

10.00      **Session 6 - Risk assessment and management of *Dreissena* - Discussions**  
T. Trichkova/ D. Kelner

**Thursday, 03 May 2012**

**Institute of Biodiversity and Ecosystem Research – Meeting Room**

10.0      **Session 7 - Publication of results and follow up activities – Discussions**  
T. Trichkova/ Prof. Dr L. Füreder/ Assoc. Prof. Dr L. Popa/ Prof. Dr S. Trajanovski

**Friday, 04 May 2012**

09.00      Field trip.