
 <p>ICELAND LIECHTENSTEIN NORWAY <b>eea</b> grants</p>	<p>FINANCIAL MECHANISM OF THE EUROPEAN ECONOMIC AREA 2009-2014</p> <p>Programme BG03 Biodiversity and Ecosystem Services</p> <p>East and South European Network for Invasive Alien Species – A tool to support the management of alien species in Bulgaria ESENIAS-TOOLS, Д-33-51/30.06.2015</p>	 <p>IBER</p>
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**Project: East and South European Network for Invasive Alien Species – a tool to support the management of alien species in Bulgaria (ESENIAS-TOOLS)**

**WG3 MEETING: DATA COLLECTION, ANALYSIS, STANDARDISATION AND HARMONISATION ON ALIEN FRESHWATER SPECIES**

**MEETING MINUTES**

The meeting was held on 05 August 2015 in Sofia. Experts from the Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences (IBER-BAS), Executive Environment Agency, Ministry of Environment and Water of Bulgaria (ExEA), National Museum of Natural History, BAS (NMNH-BAS), and the Hydrobiological Institute Ohrid (HIO), participated in the meeting.

The meeting was a kick-off meeting of activities within the **WG3 Data collection, analysis, standardisation and harmonisation on alien freshwater species** in Bulgaria and had the following objectives:

- Present the ESENIAS-TOOLS project and WG3 activities planned for Bulgaria
- Discuss the working lists of alien freshwater species in Bulgaria
- Discuss methods for data collection and analysis
- Approve data templates and protocols
- Present preliminary work on the case studies.

Teodora Trichkova opened the meeting and with the first talk presented the ESENIAS-TOOLS project – aims, tasks, structure, as well as the activities planned within the WG3.

The next three talks, followed by discussions, focused on:

- Terminology
- Species lists of alien freshwater species in Bulgaria
- Methods for data collection and analysis
- Preparation of fact sheets and maps.

Preliminary results of the four ESENIAS-TOOLS case studies were presented:

- Case study 1: Biological and ecological traits of invasive alien freshwater mussels in Bulgaria
- Case study 2: Comparative study on the effect of hydrological regime on the distribution of the invasive diatom *Didymosphenia geminata* in extreme environments (Icelandic rivers and lakes, and Bulgarian high-mountain lakes)
- Case study 3: Assessment of the impact of alien species on the biodiversity and endemism of ancient Balkan lakes (Lake Ohrid case study)
- Case study 4: Estimating dispersal routes for IAS

## Annexes:

### Annex 1. List of presentations

- (1) Trichkova T. 2015. East and South European Network for Invasive Alien Species – a tool to support the management of alien species in Bulgaria (ESENIAS-TOOLS). ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.
- (2) Trichkova T. 2015. WG3: Data collection, analysis, standardisation and harmonisation on alien freshwater species; List of alien freshwater species for Bulgaria – Alien freshwater invertebrates in Bulgaria. ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.
- (3) Uzunova E., T. Trichkova 2015. WG3: Data collection, analysis, standardisation and harmonisation on alien freshwater species; List of alien freshwater species for Bulgaria - Alien freshwater fish in Bulgaria. ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.
- (4) Trichkova T. 2015. WG3: Data collection, analysis, standardisation and harmonisation on alien freshwater species; Methods for data collection and analysis; Preparation of fact-sheets and maps. ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.
- (5) Cardeccia A., T. Trichkova 2015. Case Study 1: Biological and ecological traits of invasive alien freshwater mussels in Bulgaria. ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.
- (6) Ognjanova N. 2015. Case study 2: Comparative study on the effect of hydrological regime on the distribution of the invasive diatom *Didymosphenia geminata* in extreme environments (Icelandic rivers and lakes, and Bulgarian high-mountain lakes). ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.
- (7) Trajanovski S., T. Trichkova 2015. Case study 3: Assessment of the impact of alien species on the biodiversity and endemism of ancient Balkan lakes (Lake Ohrid case study). ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.
- (8) Iosif R., T. Trichkova 2015. Case study 4: Estimating dispersal routes for IAS. ESENIAS-TOOLS WG3 Meeting: Data collection, analysis, standardisation and harmonisation on alien freshwater species, 5 август 2015 г., София, България.

## Annex 2. List of participants

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