

AQUATIC BIODIVERSITY INTERNATIONAL CONFERENCE



SIBIU ROMANIA 2007

~ **AQUATIC BIODIVERSITY INTERNATIONAL CONFERENCE** ~

[http://stiinte.ulbsibiu.ro/aquatic\\_biodiversity\\_conference/](http://stiinte.ulbsibiu.ro/aquatic_biodiversity_conference/)

**04 - 07 October 2007**

**Sibiu, Romania**

**Organized by:**

“Lucian Blaga” University of Sibiu, Romania - <http://www.ulbsibiu.ro/en/>

“Brukenthal” National Museum, Sibiu, Romania - <http://www.brukenthalmuseum.ro/en>

“Vasile Goldiș” University, Arad, Romania - <http://www.ceed.co.uk/ceed/un/rom/ro>

University of Bacău, Romania - <http://www.ub.ro/ub/>

Ecological University Bucharest, Romania - <http://www.ueb.edu.ro/#>

NGO Ecotur Sibiu, Romania - [ecotursb@yahoo.com](mailto:ecotursb@yahoo.com)

**With the collaboration of:**

Eberhard Karls University of Tübingen, Germany - <http://www.uni-tuebingen.de/>

**Under the care of:**

International Association for Danube Research

Romanian Academy - Oceanology and Limnology Commission

Romanian Limnological Society

Romanian Ichthyological Society

**INTRODUCTION**

The conference aim is to communicate recent advances in the aquatic biodiversity: assessment, monitoring, conservation and management, aquatic habitats - biodiversity interrelations, food web interactions and aquatic productivity, ecologic reconstruction and the biodiversity, research methods.

**LOCATION**

Sibiu (Transylvania, Romania) was designed following the vote of the European Union Ministries of Culture Council to be the European Capital of Culture in 2007 -

[http://www.sibiu2007.ro/index\\_en.php](http://www.sibiu2007.ro/index_en.php)

#### CONFERENCE CHAIR

- Dr. **Angela Curtean-Bănăduc** („Lucian Blaga” University of Sibiu, Romania),  
**banaduc@yahoo.com, angela.banaduc@ulbsibiu.ro**

#### ORGANIZING COMMITTEE (in alphabetical order)

- **Gheorghe Ban** (Brukenthal National Museum, Romania)
- **Karina Battes** (Romanian Limnological Society)
- Dr. **Marioara Costea** („Lucian Blaga” University of Sibiu, Romania)
- Dr. **Voichița Gheoca** („Lucian Blaga” University of Sibiu, Romania)
- **Horia Oloșutean** („Lucian Blaga” University of Sibiu, Romania)
- **Daniela Ilie** („Lucian Blaga” University of Sibiu, Romania)
- Dr. **Ioan Sîrbu** („Lucian Blaga” University of Sibiu, Romania)

#### SCIENTIFIC ADVISORY COMMITTEE (in alphabetical order)

- Prof. dr. **Gavril Ardelean**, Romanian Ichthyological Society President („Vasile Goldiș” University of Arad, Romania),
- Prof. dr. **Klaus Battes**, Romanian Limnological Society President (University of Bacău, Romania),
- Dr. **Corneliu Bucșa** („Lucian Blaga” University of Sibiu, Romania)
- Prof. dr. **Constantin Drăgulescu** („Lucian Blaga” University of Sibiu, Romania)
- Dr. **Nicolae Gâldean** (Ecological University Bucarest, Romania)
- Prof. dr. **Stoica Preda Godeanu** („Ovidius” University, Constanța, Romania)
- Prof. dr. **Marian Tarian Gomoiu** (Romanian Academy)
- Dr. **Jan van der Winden** Bureau Waardenburg bv (Culemborg, Holland)
- Dr. **Laura Momeu** („Babeș-Bolyai” University of Cluj-Napoca, Romania)
- Dr. **Owen Mountford** (NERC Centre for Ecology and Hydrology, Monks Wood United Kingdom)
- Prof. dr. **Letiția Oprean** („Lucian Blaga” University of Sibiu, Romania)
- Prof. dr. **Erika Schneider** (WWF - Auen Institute, Germany)
- Prof. dr. **Klaus Wegmann** (University of Tübingen, Germany)
- Dr. **Harald Kutzenberger** (International Association for Danube Research)

#### SCIENTIFIC SECRETARY

Dr. **Doru Bănăduc** (Brukenthal National Museum, Romania),  
**banaduc@yahoo.com**

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**banaduc@yahoo.com**

## PROGRAM

### 04 October 2007

Participants arrival and registration at "**Lucian Blaga**" University of Sibiu,  
**Sciences Faculty, Department of Ecology and Environmental Protection,**  
Dr. I. Rațiu Street, no. 5 - 7  
[www.ulbsibiu.ro/ro/facultati/stiinte/](http://www.ulbsibiu.ro/ro/facultati/stiinte/)  
14.00 - 21.00

### 05 October 2007

#### Hotel Forum-Continental

[www.continentalhotels.ro](http://www.continentalhotels.ro)

09.30 - 10.30

#### Conference open speeches.

#### Excellence in Aquatic Biodiversity study trophy ceremony.

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10.30 - 11.00; Coffee break

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11.00 - 14.00; **Plenary lectures session** six speakers x 30 minutes

11.00 – 11.30 Marian-Traian GOMOIU: Historical survey on aquatic biodiversity studies in Romania - past, present, perspectives

11.30 – 12.00 Harald KUTZENBERGER: Threats for Danube region biodiversity - global trends and local impacts and changes in biogeographical patterns

12.00 – 12.30 Klaus Werner BATTES, Bogdan VORNICU, Ferdinand PRICOPE, Dorel URECHE and Ionuț STOICA: The Index of Biological Integrity (IBI) - a modern tool for investigating the structure and functional changes occurred in fish communities from inland waters

12.30 – 13.00 Erika SCHNEIDER: Importance of floodplains and floodplain wetlands along the lower Danube

13.00 – 13.30 Nicolae GÁLDEAN and Gabriela STAICU: Dynamics and trends for a set of lotic ecosystems in Romania

13.30 – 14.00 Isabelle COMBROUX, Photis NOBELIS and Michèle TRÉMOLIÈRE: Biodiversity, stability and Invasibility: What happen to general concepts in river ecosystems?

14.00 – 14.30 **Discussions**

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14.30 - 15.30, Break

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15.30 - 17.00, **Aquatic biodiversity: assessment, monitoring, conservation and management - oral session** (each speaker - 15 minutes)

15.30 - 17.00, **Aquatic habitats - biodiversity interrelations - oral session** (each speaker - 15 minutes)

15.30 - 17.00, **Aquatic biodiversity and alien species - oral session** (each speaker - 15 minutes)

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17.00 - 17.30; Coffee break

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17.30 - 19.30, **Aquatic biodiversity: assessment, monitoring, conservation and management - oral session** (each speaker - 15 minutes)

17.30 - 19.30, **Aquatic habitats - biodiversity interrelations - oral session** (each speaker - 15 minutes)

17.30 - 19.30, **Aquatic biodiversity and alien species - oral session** (each speaker - 15 minutes)

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20.00 - Gala Dinner

**Silva Restaurant**

<http://www.hotelsilvasibiu.com/>

**06 October 2007**

**"Lucian Blaga" University of Sibiu,**

**Sciences Faculty, Department of Ecology and Environmental Protection,**

Dr. I. Rațiu Street, no. 5 - 7

<http://www.ulbsibiu.ro/ro/facultati/stiinte/>

09.30 - 11.00, **Wetlands biodiversity - oral session** (each speaker - 15 minutes)

09.30 - 11.00, **Ecologic reconstruction and the biodiversity - oral session** (each speaker - 15 minutes)

09.30 - 11.00, **Human impact and the aquatic biodiversity - oral session** (each speaker - 15 minutes)

09.30 - 11.00, **Research methods in aquatic ecology/biodiversity - oral session** (each speaker - 15 minutes)

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11.00 - 11.30, Coffee break

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11.30 - 14.00, **Wetlands biodiversity - oral session** (each speaker - 15 minutes)

11.30 - 14.00, **Ecologic reconstruction and the biodiversity - oral session** (each speaker - 15 minutes)

11.30 - 14.00, **Human impact and the aquatic biodiversity - oral session** (each speaker - 15 minutes)

11.30 - 14.00, **Research methods in aquatic ecology/biodiversity - oral session** (each speaker - 15 minutes)

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14.00 - 15.30, Snack break

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15.30 - 17.30, **Workshop 1 - Measures and modalities to stop the eutrophication process in water shallows and recovery of their biodiversity.** The participants are welcome to present images and examples from their countries.

15.30 - 17.30, **Workshop 2 - The European Fish Index (EFI+) - a modern method for assessing the ecological status of aquatic ecosystems from European rivers.**

The participants are welcome to present images and examples from their countries.

15.30 - 17.30, **Workshop 3 - Reference systems to monitor the quality of diversity of running waters.** The participants are welcome to present images and examples from their countries.

15.30 - 17.30, **Workshop 4 - Aquatic Natura 2000 sites.** The participants are welcome to present images and examples from their countries.

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17.30 - 18.00, Coffee break

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18.00 - 20.00, **Open common poster session**

**07 October 2007**

**"Lucian Blaga" University of Sibiu,**

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<http://www.ulbsibiu.ro/ro/facultati/stiinte/>

09.30 - 10.30 **Workshop 5 - International Association for Danube Research (IAD)**

09.30 - 10.30, **Open common poster session**

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10.30 - 11.00, Coffee break

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11.00 - 12.30 Romanian Limnological Society member's annual meeting

12.30 - 14.00 Romanian Ichthyological Society member's annual meeting

11.00 - 14.00/14.00 - 16.00 Brukenthal National Museum and the Sibiu old town visit.