



Photo credit: S. Marijnissen

Organized by
Lake Tanganyika Authority, Republic of Burundi
Aquatic Ecosystem Health and Management Society, Canada

Background

The Great Lakes of the World (GLOW) Working Group was established by the Aquatic Ecosystem Health & Management Society in 1996 when the first GLOW symposium was organized at Victoria Falls, Zimbabwe. Since then the AEHMS has launched a continuing series of international symposia in order to promote interaction and communication amongst various great lakes/large lakes researchers across the world. The purpose of GLOW is to establish a global platform where ecosystem-based studies of structure, function and performance of large/great lake ecosystems is promoted, organized and synthesized. In addition, GLOW attempts to promote ecosystem, science-based management of these extensive natural resources in an integrated, multi-trophic and multi-disciplinary fashion. A majority of the great lakes/large lakes researchers, students and managers are aware of the GLOW series of symposia as well as the resulting peer reviewed publications. These publications include special issues of the journal AEHM and books of the Ecovision World Monograph Series.

Lake Tanganyika is well-known as a hotspot of aquatic biodiversity, harbouring hundreds of species. It is famous for its colourful fish, as well as snails, crabs, shrimps, sponges, and many other organisms that are

found nowhere else in the world. As Africa's oldest and deepest lake it contains almost 17% of the world's available freshwater supply. Millions of people depend on the lake for water, food, and transportation including important transport routes between the riparian countries of Burundi, Democratic Republic of the Congo (DRC), Tanzania and Zambia. Due to Tanganyika's important ecosystem, the AEHMS decided to convene the seventh conference on the Great Lakes of the World (GLOW 7) on this amazing lake, with the help of The Lake Tanganyika Authority (LTA).

The LTA was established by the governments of the riparian countries to promote regional cooperation required for socio-economic development and sustainable management of the natural resources in the Lake Tanganyika basin. The LTA coordinates the implementation of the Convention on the Sustainable Management of Lake Tanganyika. The LTA also coordinates and oversees the implementation of the Regional Integrated Management and Development Programme, which focuses on establishment of sustainable fisheries, catchment management, pollution control, climate change adaptations, and monitoring programs.

Themes of the conference

- Changing climate and adaptation
- Growing human population and pressures
- Food web alterations
- Exotic invasions
- Balancing lake health from reaping to keeping
- Fish, fisheries & habitat
- Implementing ecosystem-based science towards management
- Stakeholder participation
- Health & biodiversity in aquatic ecosystems
- Integrating ecology, policy and politics
- Linking ecological health, wealth and poverty

Venue

The venue of the conference will be in the city of Bujumbura, located on the northern shore of Lake Tanganyika. A specific location will be announced at a later date. Bujumbura is the capital and largest city of Burundi. The climate of the locale is a tropical savannah climate with wet (Oct-Apr) and dry (May-Sept) seasons. It is fairly cool for its latitude due to the city's altitude. Average temperatures over the year reach a high of around 29 °C and a low of around 19 °C.

Response Form

Please complete the enclosed form and return by **January 15th 2012** to Jennifer Lorimer (jennifer.lorimer@dfo-mpo.gc.ca). Conference/registration information will be sent to only those who complete and return the response form.



Abstracts

Abstracts must be submitted by email to: jennifer.lorimer@dfo-mpo.gc.ca, as a Word or text file. The due date for abstract submission is **February 15th, 2012**. The author must indicate if he/she wishes to present the abstract orally or as a poster. Underline the name of the presenting author. Abstracts will be limited to 300 words in the following format: Text – single space Times New Roman 12 pt, Paper - letter size 21.6x28 cm (8.5x11”). An example abstract is available at www.aehms.org demonstrating abstract format. Any abstracts

over the word limit will be returned to the author. Abstracts should synthesize from the objectives, methods, results, and conclusions of the paper. Receipt of the registration fee is essential for inclusion of your accepted presentation into the program.

AEHMS Publication Plans

The Publication and Production Committee of the AEHMS, chaired by Dr. M. Munawar, Chief Editor, will oversee the publication of selected manuscripts originating from the conference. The manuscripts will be considered for publication subject to peer review in the ISI rated journal: *Aquatic Ecosystem Health and Management* depending on the quality and suitability of the manuscripts. Instructions to authors on the preparation of manuscripts can be found on the AEHMS website: www.aehms.org. Due to the large number of manuscripts expected the AEHMS has set page limit guidelines as follows: Keynote: 9; Oral & Poster: 7 printed pages including tables and figures (Text: Times New Roman 11 pt, Margins: 2.7 cm (1”), Paper: letter size 21.6x28 cm (8.5x11”). For more information please contact Dr. M. Munawar, Chief Editor (mohi.munawar@dfo-mpo.gc.ca).

Conference Organization

Conference Organizing Committee

H. Mwima (conference co-chair, Republic of Burundi)

M. Munawar (conference co-chair, Canada)

Scientific Committee

M. van der Knaap (Netherlands)

Gaspard Ntakimazi

Secretariat

J. Lorimer (jennifer.lorimer@dfo-mpo.gc.ca, Canada)

L. Elder (Canada)



For future updates visit www.aehms.org