

# AFRICAN GREAT LAKES CONFERENCE



# CONFÉRENCE DES GRANDS LACS AFRICAINS



Conservation and Development in a Changing Climate  
Conservation et Développement dans un Climat Changeant

# Programme

## Welcome to the African Great Lakes Conference 2017

All African Great Lakes cross borders and link diverse nations. Each provides water, food, livelihoods, business resources and other vital benefits to millions of people, and they hold hundreds of fish species found nowhere else on Earth.

However, the lakes are facing threats from unsustainable fishing, invasive species, habitat degradation, urban and industrial pollution, and sedimentation caused by deforestation and agriculture. These pressures are compounded by an increasing variability and change in climate.

The lakes provide ample investment opportunities in aquaculture, agriculture, hydropower generation, fishing, transportation, urban and industrial development, recreation, mining, oil exploitation, and tourism. Yet these values must be developed sustainably to secure their services over the long-term, and to reduce negative impacts on natural resources that have sustained the region for generations.

The African Great Lakes Conference is an extraordinary opportunity to share the best available science and best practices for lake management across sectors and geographies.

The programme is designed to increase coordination, strengthen capacity, and inform policy with science, all with the aim of accelerating conservation and strengthening sustainable development in the region.

## Organizers

Institutions represented on the conference organizing and technical committees include:

Autorite du bassin du Lac Kivu et de la Riviere Rusizi (ABAKIR/Rusizi River)  
 Albertine Rift Conservation Society  
 BirdLife International  
 United Nations Environment Programme  
 Lake Tanganyika Authority  
 Lake Victoria Basin Commission  
 Lake Victoria Fisheries Organization  
 Nile Basin Initiative  
 Nile Equatorial Lakes Subsidiary Action Program  
 University of Nairobi  
 Friends of Lake Turkana  
 The Nature Conservancy  
 International Network of Basin Organizations  
 International Union for Conservation of Nature  
 World Wildlife Fund  
 Food and Agriculture Organization of the United Nations  
 Population Reference Bureau  
 University of Dar es Salaam  
 University of Burundi  
 Copperbelt University  
 Government representatives from the African Great Lakes Region



Hosted by the Government of Uganda

# AFRICAN GREAT LAKES CONFERENCE



# CONFÉRENCE DES GRANDS LACS AFRICAINS

Presentation descriptions can be found in the accompanying book of abstracts, which can be picked up at the Registration Desk.

### TUESDAY 2 MAY ARRIVAL OF PARTICIPANTS, SIDE MEETINGS AND OPENING PLENARY

0845–1730 Kidepo Hall	<b>SIDE EVENT</b> Fourth Targeted Regional Workshop for GEF IW Projects in Africa (invitation only) <i>Sponsored by Global Environment Facility IW: LEARN, The Nature Conservancy (TNC), World Wildlife Fund (WWF), and International Union for Conservation of Nature (IUCN)</i>
0900–1730 Princess Hall	<b>SIDE EVENT</b> Using Scenarios to Consider Biodiversity and Ecosystem Services in Agricultural Development <i>Sponsored by United Nations Environment Programme's World Conservation Monitoring Centre (UNEP-WCMC) and Albertine Rift Conservation Society (ARCOS)</i>
1300–2000 Ziba Hall	Registration Desk Open
1100–1730 Kama Hall	<b>SIDE EVENT</b> Lake Tanganyika Authority Management Committee Meeting (invitation only)
1400–1700 Banqueting Hall	<b>SIDE EVENT</b> Delineation of Key Biodiversity Areas for Lake Tanganyika <i>Sponsored by TNC, Lake Tanganyika Authority, and IUCN</i>
1300–1730 Ziba Hall and Annex	Exhibition Set-up and Poster Set-up – First Opportunity
1800–1900 Ziba Hall	Opening Plenary: Building a Resilient Future Through Water: Connecting the 2030 Agenda and the Paris Agreement <b>SPEAKER</b> ● Prof. Eric Odada, University of Nairobi, Kenya <b>INTRODUCED BY</b> ● Prof. Emeritus Robert E. Hecky, Large Lakes Observatory and University of Minnesota Duluth, USA
1900–2100 Ziba Hall and Annex	Exhibition Set-up and Poster Set-up – Final Opportunity

Conference lead sponsors:





**WEDNESDAY 3 MAY** DAY 1 KEYNOTE AND THEMATIC SESSIONS

0700–1200 Ziba Annex	Registration Desk Open
0830–1030 Ziba Hall	<p>Opening Ceremony</p> <ul style="list-style-type: none"> <li>● Arrival of the Guest of Honor, H.E. President of the Republic of Uganda Yoweri Kaguta Museveni</li> <li>● Anthems</li> <li>● Representative of The Nature Conservancy, USA</li> <li>● Representative of the Lake Tanganyika Authority, Tanzania</li> <li>● Representative of the East African Community</li> <li>● Honorable Minister of Water and Environment, Uganda</li> <li>● Speech by Guest of Honor, Official Opening of the African Great Lakes Conference, and Launch of the African Great Lakes Conservation Fund</li> </ul>
1030–1115	Group Photograph, Coffee/Tea Break
1115–1300 Kama Hall	<p>Parallel Thematic Sessions</p> <p><b>Sustainable Fisheries and Aquaculture Management</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>● Prof. James Njiru, Kenya Marine and Fisheries Research Institute</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>● Can Fisheries Management in the Great Lakes of Africa Contribute to Achieving the UN Sustainable Development Goals?, <i>Ian Cowx, Hull International Fisheries Institute, University of Hull, UK</i></li> <li>● The Silent “Coup” on African Great Lakes as Small Pelagic Species Take Over Fisheries: Implications for Management, <i>Anthony Taabu-Munyaho, National Fisheries Resources Research Institute, Uganda</i></li> <li>● Fish and Fisheries in the Lake Malawi: An Assessment of Four Decades of Management Interventions, <i>Olaf Weyl, South African Institute for Aquatic Biodiversity, South Africa</i></li> <li>● Dynamics of Fish Stocks and Commercial Fisheries in Lake Victoria, East Africa: Implications for Management, <i>Robert Kayanda, Lake Victoria Fisheries Organization, Uganda</i></li> <li>● Illegal, Unregulated and Unreported Fishing on Africa’s Great Lakes, <i>Martin Van der Knaap, Fisheries and Aquaculture, FAO, Ghana</i></li> <li>● Food Security, Co-Management and the Ecosystem Approach to Fisheries, <i>Jeppie Kolding, Department of Biology, University of Bergen, Norway</i></li> </ul>



Elgon Hall	<p><b>Climate Change Impacts, Mitigation and Adaptation</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>● Prof. Dan Olago, Institute for Climate Change and Adaptation &amp; Department of Geology, University of Nairobi</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>● A Century of Rainfall Variability and Recent Change in the African Great Lakes Region, <i>Sharon Nicholson, Florida State University, USA</i></li> <li>● The Past Is a Key to the Future: Lessons Paleocological Data from Lake Tanganyika Can Provide for Future Planning, <i>Andrew Cohen, University of Arizona, USA</i></li> <li>● Earth System Model Predictions of Climate and Environmental Changes in Great Lakes Watersheds to the Year 2100, <i>Anton Seimon, Appalachian State University, USA</i></li> <li>● Climate Resilient Altitudinal Gradients: Building Climate Change Resilience in the Kivu-Rusizi Watersheds, <i>Chris Magero, BirdLife International, Kenya</i></li> <li>● Lake Level Fluctuations, Ecological Attributes and Fish Productivity in African Lakes and Reservoirs, <i>Jeppie Kolding, University of Bergen, Norway</i></li> <li>● Monitoring Climate Change and Anthropogenic Pressure at Lake Tanganyika, <i>Pierre-Denis Plisnier, Great Lakes Ecosystems, Belgium</i></li> <li>● Climate Change Resilience in the Fishing Communities along Lake Malawi, <i>Friday Njaya, Department of Fisheries, Malawi</i></li> </ul>
1300–1400 Victoria Restaurant	Lunch
1400–1600 Kama Hall	<p>Parallel Thematic Sessions</p> <p><b>Sustainable Fisheries and Aquaculture Management</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>● Dr. Anthony Taabu-Munyaho, National Fisheries Resources Research Institute, Uganda</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>● A Taskforce Approach for Sustainable Fisheries Management of Lake Victoria, <i>Nancy Gitonga, FishAfrica, Kenya</i></li> <li>● The Role of Collaborative Fisheries Management (CFM) on Lake Tanganyika – Lessons Learned from TNC-Established BMUs on Tanzanian Coast, <i>Peter Limbu, The Nature Conservancy, Tanzania</i></li> <li>● Fishing with Impunity: Failure of Beach Management Units in Lake Victoria, Kenya, <i>Ernest Yongo, Kenya Marine and Fisheries Research Institute, Kenya</i></li> <li>● Integrated Approach to Managing Fisheries for Livelihood and Biodiversity Conservation in Southern Lake Malawi, <i>Daniel Jamu, Fisheries Integration of Society and Habitats (FISH Project), Malawi</i></li> <li>● Cage Culture in Lake Victoria: A Savior or a Disaster in Waiting?, <i>James Njiru, Kenya Marine and Fisheries Research Institute, Kenya</i></li> <li>● Ecological Risks of Net Pen Aquaculture in North American and African Great Lakes: Can BMPs Be Shared, <i>Robert Hecky, Large Lakes Observatory and University of Minnesota Duluth, USA</i></li> <li>● Development of Best Practices for Cage Fish Farming to Increase Fish Production in the African Great Lakes Region, <i>Richard Ogutu-Ohwayo, National Fisheries Resources Research Institute, Uganda</i></li> </ul>

Elgon Hall	<p><b>Climate Change Impacts, Mitigation and Adaptation</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>Prof. Emeritus Tom Johnson, Large Lakes Observatory, Univ. of Minnesota Duluth, USA</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>Climate Change Impacts on the Water Balance of Lake Victoria, <i>Peter Bjornsen, United Nations Environment Programme, Denmark</i></li> <li>Two Decades of Satellite-Based Water Quality Measurements of Lake Victoria, <i>Greg Silsbe, University of Maryland Center for Environmental Science, USA</i></li> <li>The Nexus Between Climate Change and Reproductive Health Decisions and Choices: Some Preliminary Insights from Youth in Southern Malawi, <i>Blessings Chinsinga, University of Malawi, Malawi</i></li> <li>Improving the Basin Adaptation to Climate Change: Strengthening Monitoring and Climate Change Modelling, <i>Blaise Tondo, CICOS, Democratic Republic of Congo</i></li> <li>Climate Change, Agriculture, and Sustainability of the East African Great Lakes, <i>Tom Johnson, University of Minnesota Duluth, USA</i></li> <li>Developing Basin Adaptation Project in Africa: The Interest of an Incubation Platform, <i>Eric Tardieu, International Network of Basin Organizations, France</i></li> </ul>
1600–1630	Coffee/Tea Break
1630–1700 Ziba Hall	<p>Plenary Presentation: Findings from Sustainable Fisheries and Aquaculture Management</p> <p><b>PRESENTERS</b></p> <ul style="list-style-type: none"> <li>Prof. Ian Cowx, Hull International Fisheries Institute, University of Hull, UK</li> <li>Dr. Richard Ogutu-Ohwayo, National Fisheries Resources Research Institute, Uganda</li> </ul> <p><b>PANELISTS</b></p> <ul style="list-style-type: none"> <li>Dr. James Njiru, Kenya Marine and Fisheries Research Institute, Kenya</li> <li>Dr. Anthony Taabu-Munyaho, National Fisheries Resources Research Institute, Uganda</li> <li>Dr. Olaf Weyl, South African Institute for Aquatic Biodiversity, South Africa</li> </ul>
1700–1730 Ziba Hall	<p>Plenary Presentation: Findings from Climate Change Impacts, Mitigation and Adaptation</p> <p><b>PRESENTERS</b></p> <ul style="list-style-type: none"> <li>Prof. Daniel Olago, University of Nairobi, Kenya</li> <li>Prof. Emeritus Tom Johnson, University of Minnesota Duluth, USA</li> </ul>
1730–1900 Ziba Hall and Annex	Exhibition and Poster Session – Part 1
1730–1900 Princess Hall Bwindi Hall	<p><b>SIDE EVENT 1</b></p> <p>Social Innovation Needs in Water and Climate: Regional Priorities in Africa <i>Sponsored by International Network of Basin Organizations (INBO)/AfriAlliance Workshop</i></p> <p><b>SIDE EVENT 2</b></p> <p>Climate Resilient Altitudinal Gradient Intervention Plan for Lake Kivu-Rusizi River Watershed <i>Sponsored by BirdLife International, Governments of Rwanda, Burundi &amp; Democratic Republic of Congo, Association pour la Conservation de la Nature au Rwanda (ACNR), Horizon Nature, Association Burundaise pour la protection de la Nature (ABN) and Wildlife Conservation Society (WCS)</i></p>

1900–2100 Kabalega Garden	<p>Launch Announcement: CRAG Intervention Plan for Lake Kivu-Rusizi River Watershed</p> <ul style="list-style-type: none"> <li>Dr. Vincent Biruta, Minister of Natural Resources, Republic of Rwanda</li> </ul> <p>Conference Opening Dinner</p> <p><b>SPEAKER</b></p> <ul style="list-style-type: none"> <li>Mr. Levis Kavagi, Africa Coordinator, Ecosystems and Biodiversity, United Nations Environment Program (UNEP), Kenya</li> </ul>
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#### THURSDAY 4 MAY DAY 2 THEMATIC SESSIONS

0815–1000 Ziba Hall	<p>Parallel Thematic Sessions</p> <p><b>Balancing Conservation and Development</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>Mr. Andy Maro Tola, Nile Basin Initiative-Nile Equatorial Lakes Subsidiary Program Coordination Unit, Rwanda</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>Balancing Conservation and Development: Lake Malawi/Nyasa/Niassa, <i>Godfrey Mfiti, Institute of Sustainable Development, Malawi</i></li> <li>The Nexus of Dam Construction, Oil Exploration, and Resource Use Conflicts: Vulnerability of Fishing Communities in Lake Turkana, Kenya, <i>Kevin Obiero, Kenya Marine and Fisheries Research Institute, Kenya</i></li> <li>How to Achieve Sustained Change to Restore the Lake Victoria Ecosystem – From Water Hyacinths to Biofuels in Kisumu, Kenya, <i>Victor Langenberg, Department of Water Resources and Delta Management, Deltares, Netherlands</i></li> <li>Tourism Development and Conservation Nexus along Lake Victoria Shores in Uganda: A Sustainable Tourism Planning Model, <i>Jim Ayorekire, Makerere University, Uganda</i></li> <li>Tracing the Roots of Successful Co-Existence of Conservation and Development – A Legal and Constitutional Analysis of What Ought to Be in the Text of African Constitutions!, <i>Deus Kibamba, Centre for Foreign Relations, Tanzania</i></li> <li>Balancing Conservation and Development: Lessons Learnt in the Lake Chad Basin, <i>Sanusi Imran Abdullahi, Lake Chad Basin Commission, Chad</i></li> <li>Space Technologies in Environmental Management: Why African Environmental Institutions Need to Embrace These More, <i>Erick Khamala, LocatelT Ltd, Kenya</i></li> </ul>
Elgon Hall	<p><b>Population Dynamics, Health and the Environment</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>Mr. Clive Mutunga, United States Agency for International Development (USAID), USA</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>Population Dynamics in the African Great Lakes, <i>Bernard Onyango, African Institute for Development Policy (AFIDEP), Kenya</i></li> <li>What Is PHE?, <i>Kristen Patterson, Population Reference Bureau, USA</i></li> <li>HoPE-LVB (Uganda, Kenya), <i>Dorah Taranta and Antony Omimo, Pathfinder International</i></li> <li>PHE and Wildlife Conservation: Scaling Up PHE (Uganda, DRC), <i>Gladys Kalema-Zikusoka, Conservation Through Public Health (CTPH), Uganda</i></li> <li>PHE and Watershed Rehabilitation (Ethiopia), <i>Ahmed Mohammed, PHE Ethiopia Consortium, Ethiopia</i></li> </ul>
1000–1030	Coffee/Tea Break



1030–1145	Parallel Thematic Sessions
Ziba Hall	<p><b>Balancing Conservation and Development</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>● Dr. Victor Langenberg, Deltares, Netherlands</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>● Prognosis for Long-Term Sustainable Fisheries in the African Great Lakes, <i>Ken Irvine, UNESCO-IHE Institute for Water Education, Netherlands</i></li> <li>● The Utility of the Integrated Lake Basin Management (ILBM) Approach: A Case Study of Kenya's Internal and Transboundary Lakes + Dynamics of CSOS Engagement in Conservation and Sustainable Development: Lessons from African Great Lakes Region, <i>Dan Olago, University of Nairobi, Kenya</i></li> <li>● Hydrological Impacts of Ethiopia's Omo Basin's Development on Kenya's Lake Turkana, <i>Sean Avery, Kenya Wetlands Biodiversity Research Team, Kenya</i></li> <li>● The Challenges of Oil Exploitation in African Great Lakes Region, <i>William Okello, National Fisheries Resources Research Institute, Uganda</i></li> <li>● The Global Initiative for West, Central and Southern Africa (GI WACAF Project): A Decade of Collaboration to Enhance Oil Spill Preparedness, Response and Cooperation in the Region, <i>Clément Chazot, Global Initiative for West, Central and Southern Africa, International Maritime Organization (IMO) and IPIECA, UK</i></li> </ul>
Elgon Hall	<p><b>Population Dynamics, Health and the Environment</b></p> <p><b>CHAIR</b></p> <ul style="list-style-type: none"> <li>● Ms. Kristen Patterson, Population Reference Bureau, USA</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>● PHE and Climate Change Adaptation: Public Health, Population and Climate Variability in Lake Chilwa Basin, Malawi, <i>Deepa Pullanikkatil, Rhodes University, South Africa</i></li> <li>● PHE and Resilience: Implementation Science Research, <i>Hellen Magige, Pathfinder International, USA</i></li> <li>● PHE, SDGs, and Multi-sectoral Integration across the AGL, <i>Clive Mutunga, USAID, USA</i></li> <li>● PHE and Regional Institutionalization, <i>Doreen Othero, Lake Victoria Basin Commission, Kenya</i></li> </ul>
11:45–1230	Panel Discussion: Oil and Gas Development in the African Great Lakes
Ziba Hall	<p><b>PANELISTS</b></p> <ul style="list-style-type: none"> <li>● Dr. Emma Msaky, Oil and Gas Advisory Bureau, Government of Tanzania</li> <li>● Dr. William Okello, Uganda National Fisheries Resources Research Institute, Uganda</li> <li>● Ms. Irene Ssekyana, Greenwatch Uganda, Uganda</li> <li>● Mr. Clément Chazot, Global Initiative for West, Central and Southern Africa, International Maritime Organization (IMO) and IPIECA, UK</li> <li>● Mr. Joshua Lukaye, Petroleum Exploration, Development and Production Department, Govt. of Uganda, Uganda</li> </ul> <p><b>MODERATOR</b></p> <ul style="list-style-type: none"> <li>● Dr. Andrew Cohen, University of Arizona, USA</li> </ul>
1230–1300	Plenary Presentation: Key Findings from Population Dynamics, Health and the Environment Thematic Sessions
Ziba Hall	<p><b>PRESENTER</b></p> <ul style="list-style-type: none"> <li>● Dr. Doreen Othero, Lake Victoria Basin Commission, Kenya</li> </ul>



1300–1400	Lunch
Victoria Restaurant	
1400–1600	Parallel Thematic Sessions
Kama Hall	<p><b>Basin Governance and Financing</b></p> <p><b>CO-CHAIRS</b></p> <ul style="list-style-type: none"> <li>● Prof. Emmanuel Kasimbazi, Makerere University, Uganda</li> <li>● Mr. Rashid Mbaziira, Water Resources Consultant, Uganda</li> <li>● Prof. Richard K. Paisley, University of British Columbia, Canada</li> </ul> <p><b>PRESENTATIONS</b></p> <ul style="list-style-type: none"> <li>● Enhancing Governance and Management of Transboundary Natural Resources: Case for Lake Victoria Basin Commission, <i>Fredrick Mhina Mngube, Lake Victoria Basin Commission, Kenya</i></li> <li>● Lake Basin Inclusive Management System (LBIMs), <i>Fadeke Ayoola, NET Africa, Belgium</i></li> <li>● Climate Finance in the AGLC: A Review of the Multilateral Climate Funds, <i>Clive Mutunga, USAID, USA</i></li> <li>● Climate Resilience and Water Resources Management in the African Great Lakes Region, <i>Eric Odada, University of Nairobi</i></li> <li>● Regional Policy Coordination and Alignment in the Lake Victoria Basin, <i>Lucas Rutting, Utrecht University, Netherlands</i></li> <li>● From Fishing Rights to Human Rights in the Lives and Livelihoods of Women Fishers in the Great Lakes Region, <i>Adolphine Kateka, University of Dar es Salaam, Tanzania</i></li> </ul>

**Ecosystem Services and Biodiversity Benefits****CHAIR**

- Mr. Ken Mwathe, BirdLife International, Nairobi, Kenya

**PRESENTATIONS**

- Using Site-Based Tools to Demonstrate Ecosystem Service Values in Africa: The Case of Toolkit for Ecosystem Services Site-Based Assessment (TESSA), *Togarasei Fakarayi, BirdLife Zimbabwe, Zimbabwe*
- Scenarios to Improve Ecological Service Delivery and Conservation Values in the Northern Nyasa Basin, *Michael Maina, African Wildlife Foundation, Kenya*
- Management of Ecosystem Services and Socio-Economic Development through Asset-Based Community Development Approach in a Kenyan Grassroots Community, *Caroline Dolphine Anyango, University of Kabianga, Kenya*
- Challenges and Benefits to Biodiversity and Ecosystem Services of Rapidly Expanding Cage Aquaculture in Lake Victoria, *Sarah Glaser, Secure Fisheries, One Earth Future Foundation, USA*
- A Critical Sites Network for Freshwater Biodiversity in the Lake Victoria Catchment, *Will Darwall, IUCN Global Species Programme, UK*
- Wildlife Conservation Co-Existence with Oil and Gas Mining: A Case Study from Murchison Falls National Park, Uganda, *Chris Bakuneeta, Makerere University, Uganda*
- The Importance of Monitoring the Great Lakes to Assess Any Change in the Extent of Water-Related Ecosystems Over Time (Sustainable Development Goal Indicator 6.6.1), *Stuart Crane, United Nations Environment Programme (UNEP), Kenya*

1600–1630

Coffee/Tea Break

1630–1730

Parallel Thematic Sessions

Kama Hall

**Basin Governance and Financing****CO-CHAIRS**

- Prof. Emmanuel Kasimbazi, Makerere University, Uganda
- Mr. Rashid Mbaziia, Water Resources Consultant, Uganda
- Prof. Richard K. Paisley, University of British Columbia, Canada

**PRESENTATIONS**

- Sustainable Financial Mechanisms for Basin Governance, *Jean-François Donzier, International Office for Water and International Network of Basin Organizations, France*
- Basin Governance and Financing: Experience from the Niger Basin Authority, *Toupta Boguena, Niger Basin Authority, Niger*
- French Water Basin Agency, Integrated Management of Water Resources, *Rémi Touron, International Cooperation, French Water Agency, France*

**Ecosystem Services and Biodiversity Benefits****CHAIR**

- Prof. Harvey Bootsma, University of Wisconsin-Milwaukee, USA

**PRESENTATIONS**

- Mahale Mountains National Park as a Model for Conserving Aquatic Habitats and Biodiversity, *Peter McIntyre, Center for Limnology, University of Wisconsin, USA*
- Status of Two Native Lake Victoria Tilapiine Species: *Oreochromis esculentus* and *O. Variabilis* (Graham 1929) in Satellite Lakes, Tanzania, *Magreth Musiba, Tanzania Fisheries Research Institute, Tanzania*
- Individual Morphology as a Predictor of Diet in the Recovering Haplochromine Cichlids of Mwanza Gulf, Lake Victoria, *Leopold Nagelkerke, Wageningen University, Netherlands*
- The Geographical and Genomic Structure of Endemic Fish Diversity in the Lake Victoria Basin, *Ole Seehausen, University of Bern, Switzerland*

1730–1930

Ziba Hall and Annex

Exhibition and Poster Session – Part 2

1730–1900

Princess Hall

**SIDE EVENT**

COP22's Legacy Global Water and Climate Alliances: Implementing the Global Climate Action Agenda in the Water Sector  
Sponsored by International Network of Basin Organizations (INBO)

1900–2000

Dancing Floor – Lakeside Area

Farewell Cocktail

**FRIDAY 5 MAY DAY 3 FINAL OUTCOMES AND WAY FORWARD**

0815–0900

Ziba Hall

Plenary Panel Presentation: Findings on Governance and Financing

**PANELISTS**

- Dr. Stephen Ling, World Bank, USA
- Dr. Abdulkarim Seid, Nile Basin Initiative, Uganda
- Ms. Astrid Hillers, Global Environment Facility, Global Initiatives and Africa International Waters, USA
- Mr. Kabiné Komara, Former Prime Minister of Guinea, High Commissioner of the Organization for the Development of the Senegal River Basin, Senegal

**MODERATORS**

- Prof. Emmanuel Kasimbazi, Makerere University, Uganda
- Prof. Richard K. Paisley, University of British Columbia, Canada

0900–0930

Ziba Hall

Plenary Panel Presentation: Findings on Ecosystem Services and Biodiversity Benefits

**PANELISTS**

- Dr. Ole Seehausen, Eawag, University of Bern, Switzerland
- Prof. Togarasei Fakarayi, University of Zimbabwe
- Dr. Will Darwall, IUCN Global Species Programme, UK

**MODERATOR**

- Dr. Harvey Bootsma, University of Wisconsin-Milwaukee, USA

0930–1030 Ziba Hall	The African Great Lake Basin Coordination and Management Challenge <b>PANELISTS</b> <ul style="list-style-type: none"> <li>● Mr. Gabriel Hakizimana and Mr. Jean Nibirantije, Lake Tanganyika Authority, Burundi</li> <li>● Mr. Fredrick Mngube, Lake Victoria Basin Commission, Kenya</li> <li>● Mr. Andy Maro Tola, Nile Basin Initiative/Nile Equatorial Lakes Action Program, Uganda</li> <li>● Ambassador Eugene Munyakayanza, Lake Kivu and Rusizi River Basin Authority (ABAKIR), Rwanda</li> <li>● Mr. Godfrey Monor, Lake Victoria Fisheries Organization, Uganda</li> <li>● Representatives from Other Lake Basin Institutions</li> </ul> <b>MODERATORS</b> <ul style="list-style-type: none"> <li>● Dr. Richard Ogutu-Ohwayo, National Fisheries Resources Research Institute, Uganda</li> <li>● Mr. Eric Tardieu, INBO, France</li> </ul>
1030–1100	Coffee/Tea Break
1100–1230 Ziba Hall	Recommendations and Actions for African Great Lakes <ul style="list-style-type: none"> <li>● Conference Declaration, <i>Mr. Gabriel Hakizimana, Lake Tanganyika Authority, Burundi</i></li> <li>● African Great Lakes Conservation Fund and African Great Lakes Information Platform, <i>Mr. Colin Apse and Dr. Patrick Doran, The Nature Conservancy, USA</i></li> <li>● Critical Ecosystem Partnership Fund Ongoing Activities and Long Term Vision, <i>Mr. Jack Tordoff, Critical Ecosystem Partnership Fund (CEPF), USA</i></li> <li>● Future Networking Across African Great Lakes, <i>Mr. Jean-Francois Donzier, INBO, France</i></li> </ul>
1230–1300 Ziba Hall	Closing Addresses of the Conference <i>Representatives of Ugandan Government, Lake Tanganyika Authority, and The Nature Conservancy</i>
1300–1400 Victoria Restaurant	Farewell Lunch
1400–on	Official Departure
1400–1700 Elgon Hall	<b>SIDE MEETING</b> African Great Lakes Conservation Fund Advisory and Conference Recommendation Follow-up (invitation only) <i>Sponsored by The Nature Conservancy and the MacArthur Foundation</i>

## Session Convenors

### **Sustainable Fisheries and Aquaculture Management**

Richard Ogutu-Ohwayo, NaFFIRI, Uganda  
Ian Cowx, University of Hull, UK  
Muderhwa Nshombo, Centre for Hydrobiological Research, DRC

### **Climate Change Impacts, Mitigation and Adaptation**

Daniel Olago, University of Nairobi, Kenya  
Tom Johnson, University of Minnesota Duluth, USA  
Edouard Boinet, International Network for Basin Organizations, France

### **Balancing Conservation and Development**

Andy Maro Tola, NBI/NELSAP, Kenya  
Victor Langenberg, Deltares, the Netherlands  
Andrew Cohen, University of Arizona, USA

### **Population Dynamics, Health and Environment**

Kristen Patterson, Population Reference Bureau, USA  
Clive Mutunga, USAID, USA  
Cheryl Margoluis, Pathfinder International, USA  
Emmanuel Ngore, UNEP, Kenya

### **Basin Governance and Financing**

Richard Kyle Paisley, Global Transboundary International Waters Governance Initiative, UBC IAR, Canada  
Edouard Boinet, International Network for Basin Organizations, France  
Victor Kongo, Tanzania Water Partnership/University of Dar es Salaam, Tanzania

### **Ecosystem Services and Biodiversity Benefits**

Harvey Bootsma, University of Wisconsin-Milwaukee, USA  
Ole Seehausen, University of Bern, Switzerland  
Ken Mwathe, BirdLife International, Kenya  
Beth Kaplin, University of Rwanda/Antioch University New England, USA

## Special Recognition

The conference sponsors and organizers wish to recognize the outstanding efforts of Modesta Medard, African Great Lakes Project Manager, The Nature Conservancy

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Linking science and best practices to create solutions for conservation and sustainable development of the African Great Lakes

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