
Monday, April 28th, 2008

08:50 – 09:20 Registration

09:20 – 09:40

Opening

Welcome from the AEHMS (M. Munawar, President)
Program Outline (M. van der Knaap)

Session I: African Rift Valley Lakes

09:40 – 10:00

Fish and fisheries in Ethiopia: Current status and management needs
Wudneh, T.

10:00 – 10:20

Nutrient cycling in Lake Kivu
Pasche, N., Schmid, M., Wüest, A., Wehrli, B.

10:20 – 10:40

Coffee & Tea

10:40 – 11:00

Effects of the Tanganyika sardine on the transfer efficiency between phytoplankton and zooplankton in Lake Kivu (East Africa)
Isumbisho, M., Sarmiento, H., Descy, J.P.

11:00 – 11:20

Accidental introduction in 1959 of an endemic fish species, *Lamprichthys tanganicus* (Poeciliidae), from Lake Tanganyika to Lake Kivu
Nshombo, M., Lushombo, M.

11:20 – 11:40

Fish species diversity and relative abundance in Lake Albert, Uganda
Wandera, S.B., Balirwa, J.S.

11:40 – 12:00

The abundance, composition and distribution patterns of benthic macro-invertebrates in Lake Albert, Uganda
Sekiranda, S.B.K., Ndawula, L.M., Pabire, G., Kalogo, P.

12:00 – 13:20

Lunch

13:20 – 13:40

Investigations into the status of the fisheries of Lake Naivasha, Kenya: Case study of the breeding patterns of *Barbus amphigramma*
Ntiba, M.J., Mumbi, G. M., Omondi, G.

13:40 – 14:00

Comparative studies in trophodynamics of Lake Turkana and Lake Victoria
Asila, A., Ojuok, J., Ojwang', W.

14:00 – 14:20

Fish faunas of the Chamo-Abaya and Chew Bahr basins in southern portion of the Ethiopian Rift Valley: Origin and prospects on survival
Golubtsov, A.S., Habteselassie, R.

14:20 – 14:40 Independent reduction of the dorsal spine in *Barbus paludinosus* in the Omo and White Nile drainages
Berendzen, P.B. and Golubtsov, A.S.

14:40 – 15:00 **Coffee & Tea**

Session II: African Great Lakes

15:00 – 15:20 Lake Victoria Region: Large lakes and their surrounding minor water bodies as a natural laboratory for speciation and evolutionary biology
Mwanja, W.W., Wandera, S.B., Fuerst, P.A., Kaufman, L.

15:20 – 15:40 The dynamics of dissolved organic carbon in Lake Victoria; Impacts and dynamics on the light environment
Loiselle, S.A., Azza, N., Bracchini, L., Dattilo, A., Rossi, C.

15:40 – 16:00 The status of Lake Victoria's environment: Trends and impacts to fish stocks
Gichuki, J., Getabu, A., Ezekiel, C., Wanda, F.M., Mkumbo, O.C., Mureithi, N.

16:00 – 16:20 The state of the fisheries resources of Lake Victoria and their management, Tanzania side
Mlaponi, E., Budeba, Y. L., Salehe, M. A., Ezekiel, C. N., Waya, R., Musiba M., Mbonde, A.

16:20 – 16:40 Are the Lake Victoria fisheries threatened by exploitation or eutrophication? Disentangling social and ecological drivers of ecosystem change (SEDEC)
van Zwieten, P., Kolding, J., Mkumbo, O., Silsbe, G., Hecky, R.

16:40 – 17:00 Is introduced Nile perch, *Lates niloticus* (L) to blame for the demise of native fishes of Lake Victoria?
Njiru, M., Mkumbo, O.C., Van Der Knaap, M.

18:00 **Dinner**

Tuesday, April 29th, 2008

Session II: African Great Lakes (Continued)

- 08:40 – 09:00 Composition, biomass distribution and population structure of the fish stocks in Lake Victoria, Tanzania side
Mlaponi, E., Budeba, Y. L., Salehe, M. A., Ezekiel, C. N., Waya, R., Musiba, M., Mbonde, A.
- 09:00 – 09:20 The changed tilapiine fishery of Lake Victoria region: comparison of the genetic and ecological diversity of the native to the introduced tilapiines (Pisces: Cichlidae), and their population structures in Lake Victoria region, East Africa
Mwanja, W.W., Kaufman.L., Fuerst, P.A.
- 09:20 – 09:40 Ubiquitous omnivory, trophic redundancy and the resiliency of Lake Victoria fish community
Ojwang, W.O., Ojuok, J.E., Mbabazi, D.
- 09:40 – 10:00 Global processes and local places: A global commodity chain analysis of Kenyan Nile perch and implications for aquaculture development
Johnson, J.L.
- 10:00 – 10:20 Understanding co-management: Defining challenges of fisheries management in Lake Victoria
Lawrence, T.
- 10:20 – 10:40 **Coffee & Tea**
- 10:40 – 11:00 Minor water bodies around Lake Victoria- a replica of lost biodiversity
Katunzi E.F.B., Mbonde, A., Waya R.
- 11:00 – 11:20 Managing the fisheries of Lake Victoria: Efforts to ensure sustainability of the fisheries resources
Mkumbo, O., Marshall, B., Mukasa, C., Nunan, F.
- 11:20 – 11:40 The influence of limnological characteristics on the distribution and abundance of fresh water shrimp *Caridina nilotica* in Lake Victoria, East Africa
Budeba, Y.L., Ezekiel, C.N.
- 11:40 – 12:00 Is Western consumption of Nile perch from Lake Victoria sustainable?
Van Der Knaap, M., Ligtvoet, W.

- 12:00 – 13:20 **Lunch**
- 13:20 – 13:40 Fish catch composition in Lake Tanganyika and its implications for productivity changes
Sarvala, J., Badende, S., Chitamwebwa, D., Coenen, E., Kotilainen, P., Langenberg, V., Makasa, L., Mulimbwa, N., Salonen, K., Mölsä, H.
- 13:40 – 14:00 The effect of intensive fishing on two cichlids (*Oreochromis niloticus* and *Astatotilapia burtoni*) in the Nyangara wetland situated at the north end of Lake Tanganyika (D.R. Congo) with fishery management implications
N'Sibula, M., Sarvala, J., Van Der Knaap, M.
- 14:00 - 14:20 Prospects for the fishery on demersal fish species in Lake Tanganyika: A case study of *Limnotilapia dardennei*
Mbonde, A.S.E., Kimirei, I.A., Kalangali, A.N.M.
- 14:20 - 14:40 **Coffee & Tea**

Session III: North American Great Lakes

- 14:40 – 15:00 Towards a Great Lakes Water Quality Agreement for the 21st century
Gannon, J.E., Weiner, J., Chandler, J.
- 15:00 - 15:20 A comparison of the recent invasion histories of the Great Lakes of North America and East Africa: Has anything been learned?
Carter, J., Otieno, O., Merino, S.
- 15:20 - 15:40 The impacts of multiple stressors on the food web of the Laurentian Great Lakes: Lakes Superior and Huron case studies
Munawar, M., Mandrak, N.E., Munawar, I.F., Fitzpatrick, M.
- 15:40 - 16:00 The impacts of multiple stressors on the food web of the Laurentian Great Lakes: Lakes Erie and Ontario case studies
Munawar, M., Mandrak, N.E., Munawar, I.F., Fitzpatrick, M.
- 16:00 - 16:20 Synthesis of lake trout ecology in large, deep lakes: Lessons for restoration
Krueger, C.C., Zimmerman, M.
- 16:20 - 16:40 Deepwater Fisheries Science in the Great Lakes
Carl, L.M.
- 16:40 – 17:00 The “Lamprey Hunters” of the Great Lakes: Using stakeholder information in the sea lamprey battle
Gaden, M., Lawrence, T.

17:00 – 17:20

Twinning international lake management commissions: Opportunities for improved management of global great lakes resources through collaboration and mutual action

Grover, V.I., Gaden, M., Gannon, J., Zafar, A., Krantzberg, G., Hecky, R.

18:00

Banquet

Wednesday, April 30th, 2008

DRAGON II

- 08:40 – 09:00 Science for and management of major rivers and deltas
Haseltine, S.
- 09:00 – 09:20 The Delta Research and Global Observation Network
Smith, G.J.
- 09:20 – 09:40 Review of deltas in the DRAGON network: First level comparisons and data needs identification
Carter, J., Broussard, L.
- 09:40 – 10:00 Great Lakes deltas and fish habitat restoration in the Huron-Erie Corridor
Carl, L.M.
- 10:00 – 10:20 Investment in data for management of estuaries: Rely on what you have; don't cry for what you don't
Beard, D.T., Jr.
- 10:20 – 10:40 **Coffee & Tea**
- 10:40 – 11:00 Collective responsibility for water resources management: A watershed approach to improve agricultural water quality
Elmi, A.
- 11:00 – 11:20 Human aspects of siltation of Lake Baringo: Causes, impacts and interventions
Lwenya, C., Yongo, E.
- 11:20 – 11:40 The emerging resource use conflicts among the Kenyan Fishermen and the Pastoralists along the shores of Lake Turkana, and the Merile Tribesmen of the Southern Ethiopia in relation to Omo River delta
Yongo, E.O., Abila, R.O., Lwenya, C.
- 11:40 – 12:00 Enabling delta life: Presenting DELTARES foundation
Langenberg, V.T., Tatman, S.
- 12:00 – 13:20 **Lunch**
- 13:20 – 13:40 Combining wetland biodiversity conservation with poverty alleviation - a case study from the Mekong Delta, Vietnam
Triet, T.

- 13:40 – 14:00 Parasites and diseases of fishes on the transect «The Selenga River – The delta of the Selenga River – Lake Baikal»
Pronin, N.M., Batueva, M.D., Sondueva, L.D., Burdukovskaya, T.G., Dugarov, J.N., Pronina, S.V.
- 14:00 – 14:20 Goby fishery of St Vincent and the Grenadines
Edwards, L., Punnett, S., Van Der Knaap, M., Pörschmann, M.

Conclusion & Synthesis

- 14:20 – 14:40 AEHMS in action: Status and overview
Munawar, M.
- 14:40 - 15:40 Panel Discussion, Publication Plans & Concluding Remarks
- 15:40 Departure