

References

- Abila, R.O. (2002). The Development of the Lake Victoria Fishery: A Boon or Bane for Food Security? Retrieved 2003 from <http://www.iucn.org/themes/wetlands/docs/Report8.doc>
- Abila, R.O. and Jansen, E. (1997). From Local to Global Markets. IUCN Report No. 2.
- ADB (1997). Country Environmental Profile, Malawi. African Development Bank, African Development Fund.
- Alabaster, J. (1981). Review of the state of aquatic pollution of East African inland waters. FAO/CIFA Occas. Paper 9.
- Alin, S.R., Cohen, A.S., Bills, R., Gashakaza, M.M., Michel, E., Tiercelin, J-J., Martens, K., Coveliers, P., Mboko, S.K., West, K., Soreghan, M., Kimbadi, S. and Ntakimazi, G. (1999). Effects of landscape disturbance on animal communities in Lake Tanganyika, East Africa. *Conservation Biology*, 13:1017-1033.
- Allison, E.H. (2002). Sustainable management of the African Great Lakes: science for development? *Aquatic Ecosystem Health and Management*, 5:315-327.
- Aloo, P.A. (2003). Biological diversity of the Yala Swamp lakes, with special emphasis on fish species composition, in relation to changes in the Lake Victoria Basin (Kenya): threats and conservation measures. *Biodiversity and Conservation*, 12:905-920.
- Asila, A.A. (2001). Working document for Lake Victoria fisheries management decisions. Lake Victoria Fisheries Research Project, March 2001, Jinja, Uganda.
- ATF (1997). Preserving the Future for Lake Malawi. Africa Technology Forum. Retrieved Sept., 2003, from: http://web.mit.edu/africantech/www/articles/Lake_Malawi.html
- Awiti, A. and Walsh, M. (2002). In: Improved land management in the Lake Victoria basin: Linking Land and Lake, research and extension, catchment and Lake basin. Final Technical Report. International Centre for Research in Agroforestry/Ministry of Agriculture and Rural Development, Nairobi, Kenya, p 30-33.
- Bailey-Watts, A. (2000). Summary Technical Report. Pollution Special Study. Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32).
- Bailey-Watts, A., Foxall, C. and West, K. (2000). Overall findings of the study. Pollution Special Study. Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32).
- Balirwa, S.J. (1998). Lake Victoria wetlands and the ecology of the Nile tilapia, *Oreochromis niloticus* Linne. Ph.D. Dissertation, Balkema Publishers, Rotterdam, Netherlands.
- Barel, C., Dorit, R., Greenwood, P., Fryer, G., Hughes, N., Jackson, P.B.N., Kawanabe, H., Lowe-McConnell, R., Nagoshi, M., Ribbink, A., Trewavas, E., Witte, F. and Yamaoka, K. (1985). Destruction of fisheries in Africa's Lakes. *Nature* 315:19-20.
- Barel, C., Ligtoet, W., Goldschmidt, T., Witte, F. and Goudswaard, P. (1991). The haplochromine cichlids in Lake Victoria: an assessment of biological and fisheries interests. In: Keeleyside, M. (ed), *Cichlid Fishes, Behaviours, Ecology and Evolution*. Chapman and Hall, London, p 258-279.
- Barrow, E. (1988). Trees and pastoralists: the case of the Pokot and Turkana. ODI Social Forestry Network, Network Paper 6b.
- BDP (2003). Biodiversity Brief 11 on Fish and Biodiversity. Biodiversity Development Project. Retrieved Sept., 2003 from <http://www.wcmc.org.uk/biodev/briefs/bb11-eng.pdf>
- Beadle, L.C. (1981). *The Inland Waters of Tropical Africa: An Introduction to Tropical Limnology*. 2nd edition. Longman, London.
- Beauchamp, R.S.A. (1939). Chemistry and hydrography of Lakes Tanganyika and Nyassa. *Nature*, 146:253-256.
- Beauchamp, R.S.A. (1953). Hydrological data from Lake Nyasa. *Journal of Ecology*, 41:226-239.
- Beeton, A. (2002). Large freshwater lakes: present state, trends and future. *Environmental Conservation*, 29:21-38.

- Birkett, C.M., Murtugudde, R. and Allan, J.A. (1999). Indian Ocean climate event brings floods to East Africa's lakes and Sudd Marsh. *Geophysical Research Letters*, 26:1031-1034.
- Bizimana, M. and Duchafour, H. (1991). A drainage basin management study: the case of the Ntahangwa River Basin. In: Cohen, A.S. (ed), Report on the First International Conference on the Conservation and Biodiversity of Lake Tanganyika. March, 1991. Bujumbura. Biodiversity Support Program, p 43-45.
- Bloiland P.B., Ruebush, T.K., McCormick, J.B., Ayisi, J., Boriga, A., Oloo, A.J., Beach, R., Hawley, W., Lal, A., Nahlen, B., Udhayakumar, V. and Campbell, C.C. (1999). Longitudinal cohort study of the epidemiology of malaria infections in an area of intense malaria transmission. Description of Study site, general methodology, and study population. *American Journal of Tropical Medicine and Hygiene*, 60:635-640.
- Booth, V. (2000). Lake Malawi/Niassa/Nyasa Ecoregion-based Conservation Program: Socio-economical Reconnaissance. WWF Southern Africa, Harare, Zimbabwe.
- Bootsma, H.A. and Hecky, R.E. (1993). Conservation of the African Great Lakes: a limnological perspective. *Conservation Biology (Special Issue)*, 7:644-656.
- Bootsma, H.A. and Hecky, R.E. (1999). Water Quality Report: Lake Malawi/Nyasa Biodiversity Conservation Project. SADC/GEF Lake Malawi Nyasa/Niassa Biodiversity Conservation Project, Senga Bay.
- Botero, L.S. (1986). Incentives for community involvement in upland conservation. In: Strategies, approaches and systems in integrated watershed management. FAO Conservation Guide 14.
- Branstrator, D.K., Ndawula, L.M. and Lehman, J.T. (1996). Zooplankton dynamics in Lake Victoria. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 337-355.
- Bromage, T. (1995). Paleobiogeography of the Malawi Rift: Vertebrate and invertebrate faunal contexts of the Chiwondo Beds, northern Malawi. *Journal of Human Evolution*, 28:37-58.
- Brooks, J.L. (1950). Speciation in ancient lakes. *Quarterly Review of Biology (Baltimore)*, 25:131-176
- Bugenyi, F.W.B. and Magumba, K.M. (1996). The present physicochemical ecology of Lake Victoria, Uganda. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 141-154.
- Butzer K.W. (1971). Recent history of an Ethiopian Delta. Department of Geography Research Paper No.136, Chicago.
- Butzer K.W., Isaac G.L., Richardson J.L. and Washbourne-Kamau C. (1972). Radiocarbon dating of East African lake levels. *Science*, 175: 1069-1076.
- Bwathondi, P.O.J., Ogutu-Ohwayo, R. and Ogari, J. (2001). Lake Victoria Fisheries Management Plan. In: Cowx I.G. and Crean K. (eds), LVFRP/TECH/01/16, Technical Document No. 16.
- Calder, I.R., Hall, R.L., Bastable, H.G., Gunston, H.M., Shela, O., Chirwa, A. and Kafundu, R. (1995). The impact of land use change on water resources in sub-Saharan Africa: a modelling study of Lake Malawi. *Journal of Hydrology*, 170:123-135.
- Capart, A. (1949). Sondage et carte bathymetrique du Lac Tanganyika. Resultats scientifiques de l'exploration hydrobiologique du Lac Tanganyika (1946-1947). Institut Royal des Sciences Naturelles de Belgique 2, p 1-16.
- Cerling T.E. (1986). A mass balance approach to basin sedimentation: constraints on the recent history of the Turkana basin. *Palaeogeography, Palaeoclimatology Palaeoecology*, 43:129-151.
- Chale, F. (2000). Studies in Tanzanian Waters. Pollution Special Study. Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32).
- Chapman, L., Chapman, C., Kaufman, L. and Liem, K. (1992). The role of papyrus swamps as barriers to fish dispersal: A case study and implications for fish diversity in the Lake Victoria basin. In: Biodiversity, Fisheries and the Future of Lake Victoria, Conference Abstracts, p 6.
- Chapman, L.J., Balirwa, J.S., Bugenyi, F.W.B., Chapman, C.A. and Crismman, T.A. (2001). Wetlands of East Africa: Biodiversity, Exploitation, and Policy Perspectives. In: Gopal, B; Junk, W.J., and Davis, J.A. (eds), *Biodiversity in Wetlands: assessment, function and Conservation*. Volume 2. Backhuys Publishers, Leiden, The Netherlands, p 101-131.
- CIA World Fact Book (2002). Retrieved Nov., 2003, from <http://www.cia.gov/cia/publications/factbook>
- CIHI (1995). CIHI Country Health Profile Series: Kenya Country Health Profile 1995. Center for International Health Information, Arlington, Virginia USA.
- CIHI (1996). CIHI Country Health Profile Series: Ethiopia Country Health Profile 1996. Center for International Health Information, Arlington, Virginia USA.
- Clay, E., Bohn, L., Ammas, E.B. de., Kabambe, S. and Thale, H. (2003). Malawi and Southern Africa: Climate Variability and Economic Performance. Disaster Risk Management Working Paper Series No. 7., The World Bank, Washington D.C.
- Cockburn, T.A and Cassonos, J.G. (1960). Epidemiology of endemic cholera. *Public health reports*, 75:791-803.
- Cocquyt, C., Caljon, A. and Vyverman, W. (1991). Aspects saisonnier et spatial du phytoplancton dans le lac Tanganyika. Actes du XI Colloque des Diatomistes de Langue Française Douai, du 24 au 27 Septembre 1991, p 213-216.

- Coenen, E.J., Hanek, G. and Kotilainen, P. (1993). Shoreline classification of Lake Tanganyika Based on the Results of an Aerial Frame Survey. FAO/FINNIDA Research for the Management of the Fisheries on Lake Tanganyika. GCP/RAF/271/FIN-TD/10.
- Cohen, A.S. (1991). Report on the First International Conference on the Conservation and Biodiversity of Lake Tanganyika. March, 1991. Bujumbura. Biodiversity Support Program.
- Cohen, A.S., Soreghan, M.J. and Scholz, C.A. (1993a). Estimating the age of formation of lakes: an example from Lake Tanganyika, East African Rift system. *Geology*, 21:511-514.
- Cohen, A.S., Bills, R., Cocquyt, C.Z. and Caljon, A.G. (1993b). The impact of sediment pollution on biodiversity in Lake Tanganyika. *Conservation Biology*, 7:667-677.
- Cohen, A.S., Kaufman, L. and Ogutu-Ohwayo, R., (1996). Anthropogenic threats, impacts and conservation strategies in the African Great Lakes: A review. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 575-624.
- Conway, D. (2002). Extreme rainfall events and lake level changes in East Africa: recent events and historical precedents. In: Odada, E.O. and Olago, D.O. (eds), *The East African Great Lakes: Limnology, Palaeolimnology and Biodiversity*. Advances in Global Change Research, Kluwer Academic Publishers, p 63-92.
- Coulter, G.W. (1970). Population changes within a group of fish species in Lake Tanganyika following their exploitation. *Journal of Fish Biology*, 2:329-353.
- Coulter, G.W. (1991). *Lake Tanganyika and its Life*. 1st edition. Oxford University Press, New York.
- Coulter, G.W. (1994). Lake Tanganyika. In: Martens, K., Goddeeris, B. and Coulter, G. (eds), *Speciation in Ancient Lakes*. *Archiv für Hydrobiologie*, 44:13-18.
- Coulter, G.W. (1999). Sustaining both biodiversity and fisheries in ancient lakes, the cases of Lakes Tanganyika, Malawi/Nyasa and Victoria. In: Kawanabe, H., Coulter, G.W. Roosevelt, A.C. (eds), *Ancient Lakes: Their Cultural and Biological Diversity*. Kenobi Productions, Belgium. p. 177-187.
- Coulter, G.W. and Mubamba, R. (1993). Conservation in Lake Tanganyika with special reference to underwater parks. *Conservation Biology*, 7:678-685.
- Craig, J.F. (1992). Human-induced changes in the composition of fish communities in the African Great Lakes. *Reviews in Fish Biology and Fisheries*, 2:93-124.
- Crossley, R. (1979). Variations in the level of Lake Malawi. *Malawian Geographer*, 19:5-13.
- Crul, R.C.M. (1997). Limnology and hydrology of Lakes Tanganyika and Malawi. UNESCO/IHP-IV, Project M-5.1. UNESCO Pub., Paris. *Studies and reports in hydrology* 54.
- Cunningham Van-Someren, C.R., (1981). Lake Turkana Biological Survey: Birds. Report to the National Museum of Kenya, Nairobi.
- Deelstra, H., Power, J.L. and Kenner, C.T. (1976). Chlorinated hydrocarbon residues in the fish of Lake Tanganyika. *Bulletin of Environmental Contamination and Toxicology*, 15:689-698.
- Dodson R.G. (1971). Geology of the area south of Lodwar. Geological Survey of Kenya, Report No. 87.
- Drayton, R.S. (1984). Variations in the level of Lake Malawi. *Hydrological Sciences/Journal des Sciences Hydrologiques*, 29:1-12.
- Dubois, J. Th. (1958). Evolution de la temperature and de l'oxygen dissous et de la transparence dans la baie Nord du Lac Tanganyika. *Hydrobiologia*, 10:215-240.
- Duda, A. (2002). Restoring and protecting the African Great Lake Basin ecosystems – lessons from the North American Great Lakes and the GEF. In: Odada, E.O. and Olago, D.O. (eds), *The East African Great Lakes: Limnology, Palaeolimnology and Biodiversity*. Advances in Global Change Research, Kluwer Academic Publishers, p 537-556.
- Dunkelman T.J., Karson J.A. and Rosendahl B.R. (1988). Structural style of the Turkana Rift, Kenya. *Geology*, 16:258-261.
- EAC (2001). Treaty for the establishment of the East African Community. East African Community, Arusha, Tanzania.
- Ebinger, C. J., Deino, A. L., Drake, R. E. and Tesha, A. L. (1989). Chronology of Volcanism and Rift Basin Propagation: Rungwe Volcanic Province, East Africa, *Journal of Geophysical Research*, 94:15785-15803.
- Eccles, D.H. (1974). An outline of the physical limnology of Lake Malawi (Lake Nyasa). *Limnology and Oceanography*, 19:730-742.
- Eccles, D.H. (1984). On the recent high levels of Lake Malawi. *South African Journal of Science*, 80:461-468.
- Edmond, J.M., Stallard, R.F., Craig, H., Weiss, R.F., and Coulter, G.W. (1993). Nutrient chemistry of the water column of Lake Tanganyika. *Limnology and Oceanography*, 38:725-738.
- Ejobi, F., Kanja, L.W., Kyule, M.N., Mull, P., Kruger, J., Nyeko, J.H.P. and Latigo, A.A.R. (1994). Organochlorine pesticide residues in cows milk in Uganda. *Bulletin of Environmental Contamination and Toxicology*, 56:551-557.
- Ellis, J.E. and Swift, D.M. (1988). Stability of African pastoral ecosystems: alternate paradigms and implications for development. *Journal of Range Management*, 41:450-459.
- ENSO Project (2003). Summary of the ENSO project. Retrieved Mar., 2003, from: http://members.tripod.com/tanganyika/id39_m.htm
- FAO (1991). Sustainable development and management of land resources. FAO/Netherlands Conference on Agriculture and the Environment. Hortogenbosch, The Netherlands.

- FAO (1998). Fisheries Statistics: Capture production.
- FAO (2001). Research for the Management of Fisheries on Lake Tanganyika (LTR): Burundi, Democratic Republic of Congo, Tanzania and Zambia. Project Findings and Recommendations, FAO, Rome.
- Ferguson A.J.D. and Harbott B.J. (1982). Geographical, physical and chemical aspects of Lake Turkana. In: Hopson, A.J. (ed), Lake Turkana: A Report on the Findings of the Lake Turkana Project, 1972-1975, Overseas Development Administration, London, p 1-107.
- Ffolliot, P.E. and Brooks, K.N. (1986). Multiple uses: achieving diversified and increased income within a watershed management framework. In: Strategies, approaches and systems in integrated watershed management. FAO Conservation Guide 14.
- Finke, J. (2001). Lake Turkana Mankind's Origins. Retrieved from <http://bluegecko.crosswinds.net/tribes/turkana/prehist.htm>
- Fisheries Department (1950). Lake Victoria Fisheries Service Annual Report, 1950. East Africa High Commission, Government Printer, Nairobi.
- Foxall, C., Chale, F., Bailey-Watts, A., Patterson, G. and West, K. (2000). Pesticide and heavy metals in fish and molluscs of Lake Tanganyika. Pollution Special Study. Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32).
- Freilink, A.B. (1991). Water hyacinth in Lake Victoria. A report on an aerial survey on 12-13 June 1990. In: Thompson, K. (ed), Workshop on Water Hyacinth in Uganda: Ecology, Distribution, Problems and Strategies for Control, 22-23 October 1991, Kampala, Uganda.
- Frostick L.E. and Reid, I. (1986). Evolution and sedimentary character of lake deltas fed by ephemeral rivers in the Turkana basin, northern Kenya. In: Frostick, L.E., Renaut, R.W., Reid, I., and Tiercelin, J.-J. (eds), Sedimentation in the African Rifts, Geological Society Special Publication No. 25, p 113-125.
- Fryer, G. (1959). The trophic interrelationships and ecology of some littoral communities of Lake Nyasa with special reference to the fishes, and a discussion of the evolution of a group of rock-frequenting Cichlidae. Proceedings of the Zoological Society of London, 132:153-281.
- Fryer, G. and Isles, T.D. (1972). The Cichlid Fishes of the Great Lakes of Africa, Their Biology and Evolution. Oliver and Boyd, Edinburgh.
- Getabu, A. and Nyaundi, J. (1999). Results from RV Utafiti Research Cruises. In: Tweedle, D. and Cowx, I.G. (eds), Lake Victoria Fisheries Research Project Phase II: Part 1 - Report on Third FIDAWOG Workshop held at the Triangle Hotel, Jinja, 29 March to 1 April 1999. LVFRP/TECH/99/06, Technical Document No. 6, p 84-90.
- Gibbon, P. (1997). Of saviours and punks: the political economy of the Nile perch marketing chain in Tanzania. CDR Working Paper 97.3. Copenhagen, Centre for Development Research, June 1997.
- Gichuki, C.M. and Gichuki, N.N. (1992). Wetland birds of Kenya. In: Crafter, S.A., Njuguna, S.G. and Howard G.W. (eds), Wetlands of Kenya. IUCN 1992, p 37-44.
- Gichuki, N.N. (2003). Review of wetland research activities in Lake Victoria basin, Kenya: Analysis and Synthesis Report. SIDA/Inter-University Council for East Africa. Kampala, Uganda.
- Githeko, A.K., Brandling-Bennett, A.D., Beier, M., Atieli, F., Owaga, M. and Collings, F.H. (1992). The reservoir of *Plasmodium falciparum* malaria in a holoendemic area of western Kenya. Transactions of the Royal Society of Tropical Medicine and Hygiene, 86:355-358.
- Githeko A. K., and Ndegwa, W. (2001). Predicting malaria epidemics in the Kenyan Highlands using climate data: a tool for decision makers. Global change and Human Health, 2:54-63.
- Goldschmidt, T. and Witte, F. (1992). Explosive speciation and adaptive radiation of haplochromine cichlids from Lake Victoria: an illustration of the scientific value of a lost species flock. Mitteilungen Internationale Vereinigung Limnologie, 23:101-107.
- Gonfiantini, R., Zuppi, G.M., Eccles, D.H. and Ferro, W. (1979). Isotope investigation of Lake Malawi. In: Isotopes in lake Studies. Proceedings on the application of nuclear techniques to study of lake dynamics organized by the International Atomic Energy Agency. IAEA, Vienna, p 195-205.
- Government of Malawi (1985). The National Atlas of Malawi. Department of Surveys, Blantyre, Malawi.
- Government of Malawi (1998). State of Environment Report for Malawi. Department of Environmental Affairs, Lilongwe, Malawi.
- Grabowsky and Poort B.V. and African Development and Economic Consultants Ltd. (1987). Yala Swamp Reclamation and Development Project. Inception Report. Ministry of Energy and Regional Development, Government of Kenya and Ministry of Foreign Affairs, Government of the Netherlands, Nairobi (unpubl.).
- Graham S. (2003). An Overview of the Mtwara Development Corridor, Commonwealth – Tanzania Investment Office, Toyal Palm, Dar es Salaam, May 28-30, 2003. Retrieved Aug., 2003, from http://www.cbcbglobeink.com/cbcbglobeink/events/Tanzania/Presentations/Graham_Smith.pdf
- Greenwood. P. H. (1951). Evolution of the African cichlid fishes: the haplochromines species flock of Lake Victoria. Nature, 167:1192-1201.
- Greenwood, P.H. (1981). The Haplochromine Fishes of the East African Lakes: Collected papers on their taxonomy, biology and evolution (with an introduction and a species index). Krau International, München.
- Greenwood, P.H. (1984). African cichlids and evolutionary theories. In: Echelle, A.A. and Kornfield, I. (eds), Evolution of Fish Species Flocks, Univ-Marine at Orono Press, Orono, p 141-154.

- Greenwood, P.H. (1994). The species flock of cichlid fishes in Lake Victoria and those of other African Great Lakes. *Archiv für Hydrobiologie - Advances in Limnology* 44:347-354.
- Haack, B. and Messina, J. (2001). Satellite remote sensing: Monitoring the Omo River Delta in East Africa using remote sensing. *Earth Observation Magazine (EOM)*, 2001.
- Haberyan, K. and Hecky, R.E. (1987). The Late Pleistocene and Holocene stratigraphy and paleolimnology of Lakes Kivu and Tanganyika. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 61:169-197.
- Halfman J.D. (1987). High-Resolution Sedimentology and Palaeoclimatology of Lake Turkana, Kenya. Ph.D. Thesis, Duke University, Durham, North Carolina.
- Halfman J.D. and Johnson T.C. (1988). High-resolution record of cyclic climatic change during the past 4Ka from Lake Turkana, Kenya. *Geology*, 16:496-500.
- Halfman J.D., Johnson T.C., Showers W.J. and Lister G. (1989). Authigenic low Mg-calcite in Lake Turkana, Kenya. *Journal of African Earth Sciences*, 8:533-540.
- Hamblin, P.F., Bootsma, H.A., Hecky, R.E., and McCullough, G. (1999). Surface meteorological, thermal and flow regimes of Lake Malawi/Nyasa: preliminary results and future studies. In: Ribbink, A.J. and Ribbink A.C. (eds), SADC/GEF Lake Malawi/Nyasa/Niassa Biodiversity Conservation Project I. Senga Bay Conference: Extended Abstracts. Ministry of Forestry, Fisheries, and Environmental Affairs, Government of Malawi, Lilongwe, Malawi, p 86-87.
- Hamblyn, E.L. (1960). The Nile perch project. EAFRO Annual Report, Appendix G, p 26-32.
- Hamilton, A.C. (1982). *Environmental History of East Africa; A Study of the Quaternary*. Academic Press.
- Hanek, G., Coenen, E.J. and Kotilainen, P. (1993). Aerial Frame Survey of Lake Tanganyika Fisheries. FAO/FINNIDA Research for the Management of the Fisheries on Lake Tanganyika. GCP/RAF/271/FIN-TD/09.
- Hann, N., Farmer, G. and Wheeler, R. (2003). Chronic vulnerability to food insecurity in Kenya 2001. A WFP Pilot Study for Improving Vulnerability Analysis.
- Hecky, R.E. (1993). The Eutrophication of Lake Victoria. The Proceedings of the International Association of Theoretical and Applied Limnology, 25:39-48.
- Hecky, R.E. and Kling, H.J. (1981). The phytoplankton and protozooplankton of the euphotic zone of Lake Tanganyika: species composition, biomass, chlorophyll content, and spatio-temporal distribution. *Limnology and Oceanography*, 26:548-564.
- Hecky, R.E. and Bugenyi, F.W.B. (1992). Hydrology and Chemistry of the African Great Lakes and Water Quality issues: Problems and Solutions. *Mitteilungen Internationale Vereinigung für Theoretische und Angewandte Limnologie*, 23:45-54.
- Hecky R.E., Bugenyi F.W.B., Ochumba, P, Talling J.F., Mugidde R., Gophen M. and Kaufman L. (1994). Deoxygenation of the deep water of Lake Victoria, East Africa. *Limnology and Oceanography*, 39:1476-1480.
- Henry, L. and Kishimba, M.A. (2000). Levels of pesticide residues in southern Lake Victoria and its basin. *Lake Victoria 2000: A new Beginning; International Conference*, Jinja.
- Hoekstra, T.M., Asila, A., Rabuor, C. and Rambiri, O. (1991). Report of a census of fishing boats and gear in the Kenyan waters of Lake Victoria. FAO/UNDP Regional Project for Inland Fisheries Planning Development in Eastern/Central/Southern Africa, Bujumbura, Burundi. FAO/UNDP, RAF/87/099-TD/26/91, FAO, Rome.
- Hoekstra, D. and Corbett, J. (1995). Sustainable Agricultural Growth for Highlands of East and Central Africa: Prospects to 2020. Paper presented at the Ecoregions of the Developing World: A Lens for Assessing Food, Agriculture and the Environment to the Year 2020, held at Washington DC, USA. Organised by the International Food Policy Research Institute.
- Hongo, H. (2000). The relationship, between Human Activities in the Fringing Wetlands of Lake Victoria and Causes of Pollution to the lake Victoria. (Draft Paper).
- Hopson A.J. (ed.) (1982). *Lake Turkana: A Report on the Findings of the Lake Turkana Project, 1972-1975*, Vols. 1-6, Overseas Development Administration, London.
- Hughes, R.H. and Hughes, J.S. (1992). *A Directory of African Wetlands*. IUCN/UNEP/WCMC.
- Hulme M., Doherty R.M., Ngara T., New M.G. and Lister D. (2001). African climate change: 1900-2100. *Climate Research*, 17:145-168.
- Hutchinson, G.E. (1975). *A Treatise on Limnology*. Vol. I, Part 1, Geography and Physics of Lakes. Wiley, Chichester.
- Ikiara, M. (1999). Sustainability, Livelihoods, Production and Effort Supply in a Declining Fishery: The Case of Kenya's Lake Victoria Fisheries. Thela Thesis, Amsterdam, 1999.
- Iles, T.D. (1960). A group of zooplankton feeders of the genus *Haplochromis* (Cichlidae) in Lake Nyasa. *Annals and Magazine of Natural History Series* 13, 2:257-280.
- IPCC (1996). *Climate Change 1995: Impacts, Adaptations and Mitigation of Climate Change, Scientific and Technical Analysis*. Contribution of Working Group II to the Second Assessment Report of the Intergovernmental Panel on Climate Change. Chapter 10, Hydrology and Freshwater Ecology. Cambridge University Press.

- IPCC (2001). Special Report on The Regional Impacts of Climate Change: An Assessment of Vulnerability. Intergovernmental Panel on Climate Change, WMO/UNEP.
- Jackson, P.B.N., Iles, T.D., Harding, D. and Fryer, G. (1963). The fishes of Nyasaland with especial reference to Northern Lake Nyasa. In: Report on the Survey of Northern Lake Nyasa 1954-55 by the Joint Fisheries Research Organization. Government Printer, Zomba, Malawi, p 55-117.
- Jansen, E. G. (1997). Rich fisheries - Poor Fisherfolk: Some Preliminary Observations About the Effects of Trade and Aid in the Lake Victoria Fisheries. Report No. 1. IUCN.
- Johnson T.C., Halfman J.D., Rosendahl B.R. and Lister G.S. (1987). Climatic and tectonic effects on sedimentation in a rift valley lake: evidence from high-resolution seismic profiles, Lake Turkana, Kenya. *Geological Society of America Bulletin*, 98:439-447.
- Johnson T.C. et al. (1990). Text to NSF Proposal, Unpublished.
- Johnson, T.C. and Ng'ang'a, P. (1990). Reflections on a Rift Lake. In: Katz B.J. (ed), Lacustrine Basin Exploration: case studies and modern analogs. Tulsa. American Association of Petroleum Geologists Memoirs, p 113-135.
- Johnson, T.C., Kelts, K. and Odada, E. (2000). The Holocene history of Lake Victoria. *Ambio*, 29:2-14.
- Kabatereine N.B., Kazibwe, F. and Kamijumbe, J. (1996). The epidemiology of schistosomiasis in Kampala, Uganda. *East African Medical Journal*, 73:795-800.
- Kairu, J.K. (2001). Wetland use and impact on Lake Victoria, Kenya region. *Lakes and Reservoirs: Research and Management*, 6:117-125.
- Kakogozo, B., Kahindo, N., Mwenyemaiile, B. and Drieu O. (eds) (2000). Etude Hydrologique du Bassin Nord-Ouest du Lac Tanganyika (R. D. Congo). Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32).
- Kallqvist, T., Lien, L. and Liti, D. (1988). Lake Turkana Limnological Study 1985-1988. Norwegian Institute for Water Research (NIVA) and Kenya Marine Fisheries Research Institute (KEMFRI).
- Kansiime, F. and Bugenyi, F.W.B. (1996). Specific studies on limnology and hydrology of the Great East African Lakes: A case study of nutrient and pollutant loading into the Northern Region of Lake Victoria, Uganda. Final Report, Kampala, sponsored by UNESCO ROSTA.
- Kansiime, F. and Nalubega, M. (1999). Wastewater treatment by a Natural Wetland: The Nakivubo swamp, Uganda - processes and implications. A Balkema Rotterdam.
- Karanja, D.M.S. (2002). Health and diseases: a case study of Lake Victoria basin. In: The Lake Victoria Training Project, Annual Report 2002. Pan-African START Secretariat, Nairobi.
- Kasozi, G.N. (2001). Analysis of organochlorine pesticide residues in the aquatic ecosystem of Lake Victoria. M.Sc. Thesis, Department of Chemistry, Makerere University.
- Kasweswe-Mafongo, W.M. (2003). Legal, policy and institutional framework for environmental management in Malawi. Retrieved Sept., 2003, from <http://www.acts.or.ke/GE-Chapter5.pdf>
- Katunzi, E.F.B. (1996). A review of Lake Victoria fisheries with recommendations for management and conservation. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 357-364.
- Kaufman, L. (1992). Catastrophic Change in species-rich freshwater ecosystems: The Lessons from Lake Victoria. *BioScience*, 42:846-858.
- Kaufman L. and Ochumba, P. (1993). Evolution and conservation biology of cichlid fishes as revealed by faunal remnants in northern Lake Victoria. *Conservation Biology*, 7:719-730.
- Kay, M. (2001). Smallholder Irrigation Technology: Prospects for Sub-Saharan Africa. International Programme for Technology and Research in Irrigation and Drainage, Knowledge Synthesis Report No. 3, March, 2001. FAO.
- Kidd, C.H.R. (1983). A water resources evaluation of Lake Malawi and the Shire River. Malawi Technical Report (MLW/77/012), UNDP, WMO. Geneva, Switzerland.
- Kiremire, B.T. (1997). The status of Chemicals in Uganda and a survey of Disposal Methods, February 1997, Lake View hotel, Mbarara.
- Kirubi, C., Wamicha, W.N. and Laichena, J.K. (2000). The effects of woodfuel consumption in the ASAL areas of Kenya: the case of Marsabit Forest. *African Journal of Ecology*, 38:47-52.
- Kishimba, M. and Amkenda, A. (1995). The Impact of Structural Adjustment Programmes on Urban Pollution and Sanitation: Empirical Evidence from Urban Centres in Tanzania. In: Bagachwa, M.S.D. and Limbu, F. (eds), *Policy reform and the Environment in Tanzania*. Dar es Salaam University Press, Dar es Salaam.
- Kituyi, E., Marufu, L., Wandiga, S.O., Jumba, I.O., Andreae, M.O. and Helas, G. (2001). Biofuel availability and domestic use pattern in Kenya. *Biomass and Bioenergy*, 20:71-82.
- Kiyaga-Nsubuga, J. (2002). Cross-border Local Governments Collaboration for Poverty Eradication in Africa: the Lake Victoria Regional Authorities Cooperation Experience. Fifth Governance Forum (AGF V) on Local Governance for Poverty Reduction in Africa, Maputo, Mozambique. Issue Paper No. 5.

- Kling, H.J., Mugidde, R. and Hecky, R.E. (2001). Recent changes in the phytoplankton community of Lake Victoria in response to eutrophication. In: Munawar, M. and Hecky, R.E. (eds), *Great Lakes of the World: Food Webs, Health and Integrity*. Backhuys, Leiden, p 47-66.
- Knaap, van der M., Ntiba, M.J. and Cowx, I.G. (2002). Key elements of fisheries management on Lake Victoria. *Aquatic Ecosystem Health and Management*, 5:245-254.
- Komarek, J. and Kling, H. (1991). Variation in six planktonic cyanophyte genera in Lake Victoria (East Africa). *Archiv für Hydrobiologie Supplement*, 61:21-45.
- Konings, A. (1995). *Malawi Cichlids in their Natural Habitat*. Cichlids Press, Zevenhuizen, Holland.
- Kudhongania, A.W., Ocenodongo, D.L. and Okaronon, J.O. (1996). Anthropogenic perturbations on the Lake Victoria ecosystem. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 625-632.
- Kulindwa, K.A. (2000). Economics of water resources: key issues and challenges. *Tanzania Journal of Population Studies and Development*, 7:17-35.
- Kulindwa, K.A. (2001). The Contribution of Lake Victoria Fisheries to the Tanzanian Economy. Report Submitted to: The Vice President's Office, Lake Victoria Environmental Management Project (LVEMP), Dar es Salaam.
- Kulindwa, K. and Mbelle, A.V.Y. (2002). Environmental Consequences of globalisation on Natural Resources. In: *The Nyerere Legacy and Economic Policy Making in Tanzania*. DUP, Dar es Salaam.
- Lackritz, E.M., Campbell, C.C., Reubush, T.K., Hightower, A.W., Wakube, W., Steketee, R.W. and Were J.B.O. (1992). Effects of blood transfusion of survival among children in a Kenyan hospital. *The Lancet*, 340: 524-528.
- Lam, D.C.L., Leon, L., Hecky, R., Bootsma, H. and McRimmon, R.C. (2002). A modelling approach for Lake Malawi/Nyasa/Niassa: integrating hydrological and limnological data. In: Odada, E.O and Olago, D.O. (eds), *The East African Great Lakes: Limnology, Palaeolimnology and Biodiversity*. Advances in Global Change Research, Kluwer Academic Publishers, p 189-208.
- Langenberg, V.T., Mwape, L.M., Tshibangu, K., Tumba, J.-M., Koelmans, A.A., Roijackers, R., Salonen, K., Sarvala, J. and Mölsä, H. (2002). Comparison of thermal stratification, light attenuation and chlorophyll-*a* dynamics between the ends of Lake Tanganyika. *Aquatic Ecosystem Health and Management*, 5:255-265.
- Lehman, J.T. (1996). Pelagic food webs of the East African Great Lakes. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 281-301.
- Lezzar, K.-E., Tiercelin, J.-J., De Batist, M., Cohen, A.S., Bandora, T., Van Rensbergen, P., Le Turdu, C., Mifunduu, W. and Klerkx, J. (1996). New seismic stratigraphy and Late Tertiary history of the North Tanganyika Basin, East African Rift System, deduced from multichannel and high-resolution reflection seismic data and piston core evidence. *Basin Research*, 8:1-28.
- Ligtvoet, W. and Mkumbo, O.C. (1991). A pilot sampling survey for monitoring the artisanal Nile perch *Lates niloticus* fishery in the southern Lake Victoria (East Africa). In: Cowx, A.G. (ed), *Catch Effort Sampling Strategies: Their Application in Fresh Water Fisheries Management*. Fishing News Books, p 349-360.
- Lindley, R. (2000a). The fishing gears of Lake Tanganyika at the turn of the millennium. *Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32)*.
- Lindley, R. (ed) (2000b). Final situation report: Fishing in the waters adjoining the National Parks bordering Lake Tanganyika [Gombe Stream and Mahale Mountains, Nsumbu, and Rusizi]. *Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32)*.
- Lowe-McConnell, R. (1994). The changing ecosystem of Lake Victoria, East Africa. *Freshwater Forum*, 4:76-89.
- Lowe-McConnell, R.H. (1995). *Ecological Studies in Tropical Fish Communities*. Cambridge Tropical Biology Series, Cambridge University Press.
- LVEMP (2001). *Cost Benefit Analysis of Wetlands Resources, Uganda*. Prepared by consultants: Acere, T. O., Bugenyi, F.W.B., Kasenene, J.M., Raad, H.J., Timmerman, J., Smithe, J., and Evraat, R.K. (CMS and HASKONING consultancy firms).
- LVFO (2000). *The results of the first regional fisheries frame survey on Lake Victoria*. Lake Victoria Fisheries Organization Publication. Jinja, Uganda.
- Magunda, M.K and Majaliwa, M. (2000). A review of the effects of population pressure on wetlands management practices in the Lake Victoria basin. *African Journal of Tropical Hydrobiology and Fisheries*, 19:78-91.
- Mailu, A.M. (2001). Preliminary assessment of the social, economic and environmental impacts of water hyacinth in the Lake Victoria basin and the status of control. In: Julien, M.H. and Hill, M.P. (eds), *Biological and Integrated Control of Water Hyacinth, Eichornia crassipes*. ACIAR Proceedings, 102:130-139.

- Majaliwa, M.J.G, Magunda, M.K. and Tenywa M. (2003). Effect of contour bunds on soil erosion from major agricultural land-use systems in selected micro-catchments of Lake Victoria Basin. Paper presented at 18th SSSEA Conference, December 3rd-9th, Mombasa, Kenya (in press).
- Mapila, S.A. (1992). The fisheries statistics of Lake Malawi/Niassa. In: Ssentongo, G.W. and Dampha, N.J. (eds), Technical Consultaion between Malawi and Mozambique on the Development and Management of the Fisheries of Lakes Malawi, Chilwa and Chiuta. Report, FAO, Bujumbura, Burundi.
- Mapila, S.A. (1998). Fisheries. In: Environmental Affairs Department (ed), State of Environment Report for Malawi, 1998. Government of Malawi, Lilongwe, Malawi.
- Marenya, M. and Nyaguti, J.O. (2000). Irrigation and drainage development in Kenya. Proceedings of Nyanza Professional Caucus, Symposium on Water Resources and Sanitation Management in Kenya, 11-12 May 2000.
- Masaba C.S. (1980). The epidemiology of schistosomiasis in Kisumu Municipality. *Medicom*, 2:47-51.
- Massinga, A. (1990). River impact on the cyprinid fishery of the Mozambican side of Lake Nyassa/Malawi, with particular reference to the genus *Osparidium* and the importance of long-term data collection. In: Fisheries of the African Great Lakes, International Agricultural Center, Wageningen, Netherlands, Occas. Paper 3, 96-108.
- Mbuga, J.S., Getabu, A., Asila, A., Medard, M., and Abila, R. (1998). Trawling in Lake Victoria, IUCN, Report No. 3.
- McClelland, F.J. and Jordan, P. (1962). Schistosomiasis at Bukoba, Tanganyika, on L. Victoria. *Annals of Tropical Medicine and Parasitology*, 56:396.
- McDougall, I. (1985). K-Ar and ⁴⁰Ar/³⁹Ar dating of the hominid-bearing Plio-Pleistocene sequence at Koobi Fora, Lake Turkana, northern Kenya. *Geological Society of America Bulletin*, 96:159-175.
- Meadows, K. and Zwick, K. (2000). The SESS recommendations to the Strategic Action Programme. Report No. IV, Final Report. Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32).
- Meertens, H.C., Ndege, L.J. and Enserink, H.J. (1995). Dynamics in farming systems: changes in time and space in Sukumaland, Tanzania, Royal Tropical Institute/Amsterdam.
- Michel, A.E., Cohen, A.S., West, K.A., Johnston, M.R. and Kat, P.W. (1992). Large African lakes as natural laboratories for evolution: examples from the endemic gastropod fauna of Lake Tanganyika. *Mitteilungen Internationale Vereinigung für Theoretische und Angewandte Limnologie*, 23:85-99.
- Mitema, E.S. and Gitau, F.K. (1990). Organochlorine residues in fish from Lake Victoria, Kenya. *African Journal of Ecology*, 28:234-239.
- Mkumbo, O.C. (1999). Recent trends in the distribution patterns and catch rates from trawl surveys in Lake Victoria, Tanzania. In: Tweddle, D. and Cowx, I.G. (eds), Lake Victoria Fisheries Research Project Phase II: Part 1 - Report on Third FIDAWOG Workshop held at the Triangle Hotel, Jinja, 29 March to 1 April 1999. LVFRP/TECH/99/06, Technical Document No. 6, p 18-29.
- Mkumbo, O.C. and Cowx, I.G. (1999). Catch trends from Lake Victoria – Tanzanian waters. In: Cowx, I.G. and Tweddle, D. (eds), Report on Fourth FIDAWOG Workshop held at Kisumu, 16-20 August 1999. LVFRP/TECH/99/07, The Lake Victoria Fisheries Research Project Technical Document No. 7, p 99-107.
- Mugidde, R. (1993). The increase in phytoplankton productivity and biomass in Lake Victoria (Uganda). *International Association of Theoretical and Applied Limnology, Proceedings*, 25:846-849.
- Muthuri, F.M., Jone, M.B. and Imbamba, S.K. (1989). Primary Productivity of Papyrus (*Cyperus Papyrus*) in a Tropical Swamp: Lake Naivasha, Kenya. *Biomass*, 18:1-14.
- Namisi, P.W. 2001. Socio-economic implications of the fish export trade on the fishers and fisheries of Lake Victoria in Uganda. LVFRP Technical Document No. 14. LVFRP/TECH/01/14. Jinja, Socio-economic Data Working Group of the Lake Victoria Fisheries Research Project.
- National Biodiversity Unit (1992). The Costs, Benefits and Unmet Needs of Biodiversity Conservation in Kenya. Report, 1992.
- NEMA (1998). State of the Environment Report for Uganda.
- Nicholson, S.E. (1996). A Review of Climate Dynamics and Climate Variability in Eastern Africa. In: Johnson, T.C., and Odada, E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breech, p 25-56.
- Nicholson, S.E. and Yin, X. (2002). Mesoscale patterns of rainfall, cloudiness and evaporation over the Great Lakes of East Africa. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 93-119.
- Nriagu J. (1992). Toxic metal pollution in Africa. *The Science of the Total Environment*, 121:1-37.
- NRIL (Natural Resources International Limited) (2002). Fisheries Management Plan of the Lake Victoria Fisheries Organisation: Feasibility Study. Final Report, April 2002.
- Ntiba, M.J. (2003). Capacity building for shared water ecosystems in the Lake Victoria region. In Press. United Nations University Press. Tokyo, Japan (In press).

- Ntiba, M.J. and Ogana, W. (2003). Potential Impact of Climate Change on fisheries of Lakes Naivasha and Victoria, Kenya. In proceedings of Lake Victoria 2000: A new beginning. United Nations University Press (In Press).
- Ntiba, M.J., Bugenyi, F. W. B. and Odada, E.O. (2003). Fish in the Lake Victoria waters and the development of the people of East Africa; challenges and prospects for the region (In press).
- Ntiba, M.J., Kudoja, W.M. and Mukasa, C.T. (2001). Management issues in the Lake Victoria watershed. *Lakes and Reservoirs: Research and Management*, 6:211-216.
- Nyambose, J. (1997). Preserving the future for Lake Malawi. *African Technology Forum*. Retrieved July, 2003, from: http://web.mit.edu/africantech/www/articles/Lake_Malawi.html
- Nyamweru, C.K. (1983). *Rifts and Volcanoes: A Study of the East African Rift System*. Thomas Nelson and Sons, Nairobi.
- Nyanda, M. (2000). Report on the Study of Agrochemical use and handling in the Lake Zone, Tanzania.
- Ochumba, P.B.O. (1996). Measurement of water currents, temperature, dissolved oxygen and winds on the Kenyan Lake Victoria. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 155-167.
- Odongkara, O.K. and Okaronon, J.O. (1999). Impact of economic reforms on the performance of fish processing firms and the fisheries resource. In: Bahiigwa, G. (ed), *Capacity Building for Integrating Environmental Considerations in Development Planning and Decision-Making with particular reference to the Fishing Industry in Uganda*. Economic Policy Research Centre, Makerere University Campus, Kampala, Uganda, p 8-26.
- Ogallo, L. J. (1989). The spatial and temporal patterns of the East African seasonal rainfall derived from principal components analysis. *International Journal of Climatology*, 9:145-167.
- Ogari, J. (1981). A review of Lake Turkana fisheries. Proceedings of the Workshop of KMFRI on Aquatic Resources of Kenya, July 13-19, 1981.
- Ogutu-Ohwayo, R. (1990). The decline of the native fishes of Lakes Victoria and Kyoga (East Africa) and the impact of introduced species, especially Nile perch, *Lates niloticus* and Nile tilapia *Oreochromis niloticus*. *Environmental Biology of Fishes*, 27:81-86.
- Ogutu-Ohwayo, R. (1992). The purpose costs and benefits of introductions with specific reference to the Great Lakes of Africa. *International Association of Theoretical and Applied Limnology, Proceedings* 23:34-44.
- Okaronon, J.O. (1999). The fish stocks of Lake Victoria (Uganda). In: Tweddle, D. and Cowx, I.G. (eds), *Lake Victoria Fisheries Research Project Phase II: Part 1 - Report on Third FIDAWOG Workshop held at the Triangle Hotel, Jinja, 29 March to 1 April 1999*. LVFRP/TECH/99/06, Technical Document No. 6, p 30-37.
- Olago, D.O. and Odada, E.O. (2000). An interbasinal study of the sedimentology of late Holocene sediments in the rift valley Lake Turkana, Kenya. *Journal of African Earth Sciences*, 31:237-252.
- Ongweyi, G.S. (1979). Water resources of the Lake Victoria basin in Kenya. In: Okidi, C.O. (ed), *Natural Resources and the Development of Lake Victoria Basin of Kenya*. Institute of Development Studies, University of Nairobi, Occasional Papers No. 34.
- O'Reilly, C. (1998). Impact of sedimentation on primary production. *Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32)*.
- O'Reilly, C.M., Alin, S.R., Plisnier, P.-D., Cohen, A.S. and McKee, B.A. (2003). Climate change decreases aquatic ecosystem productivity of Lake Tanganyika, Africa. *Nature*, 424:766-768.
- Orr, A. and Mwale, B. (2001). Adapting to Adjustment: Smallholder livelihood Strategies in Southern Malawi. *World Development*, 29: 1325-1343.
- Orr, A., Mwale, B. and Saiti, D. (2001). Market Liberalisation household food security and Rural Poor in Malawi. *European Journal of Development Research*, 13:47-69.
- Othina, A. (1999). The status of the artisanal fishery of Lake Victoria, Kenya. In: Tweddle, D. and Cowx, I.G. (eds), *Lake Victoria Fisheries Research Project Phase II: Part 1 - Report on Third FIDAWOG Workshop held at the Triangle Hotel, Jinja, 29 March to 1 April 1999*. LVFRP/TECH/99/06, Technical Document No. 6, p 73-78.
- Owen R.B., Barthelme J.W., Renaut R.W. and Vincens A. (1982). Palaeolimnology and archeology of Holocene deposits north-east of Lake Turkana, Kenya. *Nature*, 298:523-529.
- Owen, R., Crossley, R., Johnson, T., Tweddle, D., Kornfield, I., Davison, S., Eccles, D. and Engstrom, D. (1990). Major low levels of Lake Malawi and their implications for speciation rates in cichlid fisheries. *Proceedings of the Royal Society of London, Series B*, 240:519-553.
- Owino, J.P. (1999). Traditional and Central Management Systems of the Lake Victoria Fisheries in Kenya. IUCN Report No. 4.
- Patterson, G. and Kachinjika, O. (1995). Limnology and phytoplankton ecology. In: Menz, A. (ed), *The Fishery Potential and Productivity of the Pelagic Zone of Lake Malawi/Niassa: Scientific Report of the UK/SADC pelagic fish resource assessment project*. Natural Resources Institute, Kent, UK. p 1-67.

- Patterson, G. and Makin, J. (1998). The State of Biodiversity in Lake Tanganyika - A Literature Review. Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32). Natural Resources Institute, Chatham, UK.
- Pearce, M.J. (1995). Effects of exploitation on the pelagic fish community in the south of Lake Tanganyika. In: Pitcher, T.J. and Hart, P.J.B. (eds), The Impacts of Species Changes in African Lakes. Chapman and Hall, London, p 425-442.
- Peng T. and Broecker W.S. (1980). Gas exchange rates for three closed basin lakes. *Limnology and Oceanography*, 25:789-796.
- Perrings, C. (ed) (2000). The Economics of Biodiversity Conservation in sub-Saharan Africa: Mending the Ark. Elgar: Cheltenham, UK and Northampton, Mass.
- Petit, P. and Kiyuku, A. (1995). Changes in the pelagic fisheries of northern Lake Tanganyika during the 1980s. In: Pitcher, T.J. and Hart, P.J.B. (eds), The Impacts of Species Changes in African Lakes. Chapman and Hall, London. p 443-455.
- Quan, J. (1996). Social, economic, and sectoral features of the Lake Tanganyika Basin: Baseline review. (Vol. One: Executive summary, analysis and workplan; Vol. Two (Annexes): Detailed findings; Vol. Three: Environmental Education.). Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32). Natural Resources Institute, Chatham.
- Raymakers, B. (2003). South Omo: pocket areas requiring food aid, overall situation necessitates close monitoring into 2003. DPPC/WFP/UN-EUE Multi Agency Food Security & Agricultural Assessment Mission: 1 to 6 October 2002. UN-Emergencies Unit for Ethiopia (UN-EUE).
- Republic of Kenya (1999). Economic Survey 1999. Government Printers, Nairobi.
- Republic of Kenya (2002a). Marsabit District Development Plan, 2002-2008. Ministry of Finance and Planning. Government Printers.
- Republic of Kenya (2002b). Turkana District Development Plan, 2002-2008. Ministry of Finance and Planning. Government Printers.
- Reynolds, J.E. (1999). Lake Tanganyika Framework Fisheries Management Plan. FAO/Norway Programme of Assistance to Developing Countries for the Implementation of the Code of Conduct for Responsible Fisheries (GCP/int/648/NOR). FAO, Rome.
- Reynolds, J.E. and Greboval, D.F. (1995). Socio-economic effects of the evolution of Nile perch fisheries in Lake Victoria: a review. FAO: CIFA Technical Paper 17.
- Ribbink, A.J., Marsh, B.A., Marsh, A.C., Ribbink, A.C. and Sharp, B.J. (1983). A preliminary survey of the cichlid fishes of rocky habitats in Lake Malawi. *South African Journal of Zoology*, 18:149-310.
- Ribbink, A.J. (1991). Distribution and ecology of the cichlids of the African Great Lakes. In: Keenleyside, M.H.A. (ed), Cichlid Fishes Behaviour, Ecology, and Evolution. Chapman and Hall, London, UK. Fish and Fisheries Series, p 36-59.
- Ribbink, A.J. (2001). Lake Malawi/Niassa/Nyasa Ecoregion: Biophysical Reconnaissance. WWF Southern African Regional Programme Office (WWF SARPO), Harare, Zimbabwe.
- Ricardo-Bertram, C.K, Borley, H.J.H. and Trewavas, E. (1942). Report on the fish and fisheries of Lake Nyasa. Pub. on behalf of the government of Nyasaland by the Crown agents for the colonies, London.
- Roberts, J. M. D. (1964). Control of epidemic malaria in the highlands of Western Kenya, Part III. After the campaign. *Journal of Tropical Medicine & Hygiene*, 67:230-237.
- Roest, F. C. (1992). The pelagic fisheries resources of Lake Tanganyika. *Mitteilungen Internationale Vereinigung für Limnologie*, 23:11-15.
- Ropelewski, C.F. and Halpert, M.S. (1987). Global and regional scale precipitation patterns associated with the El Niño/Southern Oscillation. *Monthly Weather Review*, 115:1606-1626.
- Ruud, C.M. (1995). Conservation and management of the African Great Lakes, Victoria, Tanganyika and Malawi. UNESCO/IHP-IV project. M-51. Comparative and comprehensive study of Great Lakes, p 6-9.
- Salonen, K., Savala, J., Järvinen, M., Aro, E., Huttula, T., Kotilainen, P., Kurki, H., Langenberg, V., Mannini, P., Peltonen, A., Plisnier, P-D., Vuorinen, I., Mölsä, H. and Lindqvist, O. (1999). Trophic structure of Lake Tanganyika: carbon flows in the pelagic food web. *Hydrobiologia*, 407:149-173.
- Sarvala, J., Tarvainen, M., Salonen, K. and Molsa, H. (2002). Pelagic food web as the basis of fisheries in Lake Tanganyika: a bioenergetic modelling analysis. *Aquatic Ecosystem Health and Management*, 5:283-292.
- Scheren, P.A.G.M., Zanting, H.A. and Lemmens, A.M.C. (2000). Estimation of water pollution sources in Lake Victoria, East Africa: Application and elaboration of the rapid assessment methodology. *Journal of Environmental Management*, 58:235-248.
- Scholz, C.A. and Rosendahl, B.R. (1988). Low lake stands in Lakes Malawi and Tanganyika, East Africa, delineated with multifold seismic data. *Science*, 240:1645-1648.
- Schuijt, K. (2002). Land and Water Use of Wetlands in Africa: Economic Values of African Wetlands. International Institute for Applied Systems Analysis, Interim Report IR-02-063, Austria.
- SEDAWOG (1999). Marketing study. LVFRP/TECH/99/02, The Lake Victoria Fisheries Research Project Technical Document No. 2, Jinja, Uganda.

- SEDAWOG (2000). Fisheries co-management options at Kiumba beach: a participatory pilot study. LVFRP/TECH/00/08, The Lake Victoria Fisheries Research Project Technical Document No. 6, Jinja, Uganda.
- Seehausen, O. (1996). Lake Victoria Rock Cichlids: Taxonomy, Ecology, and Distribution. Verduijn Press, Zevenhuizen, The Netherlands.
- Shapiro, R.L., Otieno, M.R., Adcock, P.M., Phillips-Howard, P.A., Hawley, W.A., Kumar, L., Waiyaki, P., Nahlen, B.L. and Slutsker, L. (1999). Transmission of epidemic *Vibrio cholerae* O1 in rural western Kenya associated with drinking water from Lake Victoria: An environmental reservoir for cholera? *American Journal of Tropical Medicine and Hygiene*, 60:271-276.
- Sheik-Mohammed, A. and Velema, J.P. (1999). Where health care has no access: the nomadic populations of sub-Saharan Africa. *Tropical Medicine and International Health*, 4:695-707.
- Shepherd, K., Walsh, M., Mugo, F., Ong, C., Hansen, T.S., Swallow, B., Awiti, A., Hai, M., Nyantika, D., Ombao, D., Grunder, M., Mbote, F. and Mungai, D. (2000). Improved Land Management in the Lake Victoria Basin: Linking Land and Lake, Research and Extension, Catchment and Lake Basin. Final Technical Report, Startup Phase, July 1999 to June 2000, Working Paper Series, Working Paper 2000-2. International Centre for Research in Agroforestry and Kenya Ministry of Agriculture and Rural Development, Soil and Water Conservation Branch, National Soil and Water Conservation Programme, Nairobi, Kenya.
- Sichingabula, H. (1999). Analysis and results of discharge and sediment monitoring activities in the southern Lake Tanganyika basin, Zambia. Pollution Control and Other Measures to Protect Biodiversity in Lake Tanganyika (UNDP/GEF/RAF/92/G32).
- Snoeks, J. (2000). How well known is the ichthyodiversity of the large East African Lakes? In: Rossiter, A. and Kawanabe, H. (eds), *Ancient Lakes: Biodiversity, Ecology and Evolution*. *Advances in Ecological Research*, 31:17-38.
- Snoeks, J., Ruber, L. and Verheyen, E. (1994). The Tanganyika problem: comments on the taxonomy and distribution patterns of its cichlid fauna. In: Martens, K., Goddeeris, B. and Coulter, G. (eds), *Speciation in Ancient Lakes*. edited by Archiv für Hydrobiologie, 44:355-372.
- Spigel, R.H. and Coulter, G.W. (1996). Comparison of hydrology and physical limnology of the East African Great Lakes: Tanganyika, Malawi, Victoria, Kivu and Turkana (with reference to some North American Great Lakes). In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 103-139.
- Ssentongo, G.W. (1972). Yield isopleths of *O. esculenta* (Graham) 1928 in Lake Victoria and *O. niloticus* (Linnaeus) 1757 in Lake Albert. *African Journal of Tropical Hydrobiology and Fisheries*, 2:121-128.
- Ssentongo, J. (1998). Assessment of pollution to Lake Victoria by industrial and municipal activities in Uganda. Thesis, Chemistry Department, Makerere University.
- Survey of Kenya (1977). National Atlas of Kenya, 3rd edition, Nairobi, p 15-21.
- Swallow, B., Walsh, M., Nyantika, D., Muriithi, S., Noordin, Q., Ong, C., Shepherd, K., Place, F., Awiti, A., Hai, M., Ochieng, O., Cohen, M., Mugo, F., Oyasi, S., Omuto, C., Cohen, L. and Okono. A. (2002). Improved land management in the Lake Victoria Basin. Annual Technical Report July 2001 to June 2002. World Agroforestry Centre (ICRAF), Natural Resource Problems, Priorities and Policies Programme, Working Paper Series, Working Paper 2002-2. World Agroforestry Centre and National Agricultural and Livestock Extension Programme of the Kenya Ministry of Agriculture and Rural Development, Nairobi, Kenya.
- Talling, J.F. (1965). The photosynthetic in East African Lakes. *International Review of Hydrobiology*, 50:1-32.
- Talling, J.F. (1966). The annual cycle of stratification and phytoplankton growth in Lake Victoria. *Internationale Revue der gesamten Hydrobiologie und Hydrographie*, 51:545-621.
- Tarbit, J. (1971). Lake Malawi Trawling Survey: Interim Report 1969-1971. Malawi Fisheries Department. *Fisheries Bulletin*, Lilongwe, 2:1-16.
- Thompson, J. and Cairncross, S. (2002). Drawers of Water: assessing water in Africa. *Bulletin of the World Health Organization*, 80:61-62.
- Tiercelin, J.-J. and Mondegue, A. (1991). The geology of the Tanganyika trough. In: Coulter, G.W. (ed), *Lake Tanganyika and its Life*. Oxford University Press, London, p 7-48.
- Tiercelin, J.-J. and Lezzar, K.-E. (2002). Geological and structural setting of the East African lakes. In: Odada, E.O. and Olago, D.O. (eds), *The East African Great Lakes: Limnology, Palaeolimnology and Biodiversity*. *Advances in Global Change Research*, Kluwer Academic Publishers, p 3-60.
- Tole, M.P. and Shitsama, J.M. (2000). Concentrations of Heavy metals in water, fish and sediments of the Winam Gulf, Lake Victoria. *Lake Victoria 2000: A new Beginning*; International Conference, Jinja.
- Turner, G. (1994). Fishing and conservation of the endemic fishes of Lake Malawi. *Archiv für Hydrobiologie*, 44:481-494.
- Tweddle, D. (1992). Conservation and threats to the resources of Lake Malawi. *Mitteilungen Internationale Vereinigung Limnologie*, 23:17-24.
- Tweddle, D. and Skelton, P.H. (1993). River fishes of the Lake Malawi catchment area. Part II: First record of the blotched catfish, *Clarias stappersii* Boulenger, in Malawi, Nyala, 16:73-76.

- Twongo, T. (1996). Growing impact of water hyacinth on near shore environments of Lakes Victoria and Kyoga (East Africa). In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 633-642.
- Twongo, T., Bugenyi, F.W.B., and Wanda, F. (1995). The potential for further proliferation of water hyacinth in Lakes Victoria, Kyoga and Kwana and some urgent aspects of research. *African Journal of Tropical Hydrobiology and Fisheries*, 6:1-10.
- UN Kenya (2003). Kenya Humanitarian Update, May 2003. Disaster Prevention, Management and Coordination Unit, UN Kenya Resident Coordinator Office, Nairobi.
- UNDP (2000). The Human Development Report. Available at: <http://www.undp.org/hdro/>
- UNECA (2000). Transboundary River/Lake Basin Water Development in Africa: Prospects, Problems and Achievements.
- UNEP-IETC (2003). Planning and Management of Lakes and Reservoirs: An Integrated Approach to Eutrophication. Retrieved July, 2003, from: <http://www.unep.or.jp/ietc/publications/techpublications/techpub-11/2-5-2c.asp>URT, 2002.
- UNHCR (2000). Retrieved from <http://www.unhcr.org>
- UNICEF (2003). Country Statistics. Retrieved Aug., 2003, from <http://www.unicef.org>
- URT/JICA (2002). The Master plan study on Fisheries Development in the United Republic of Tanzania. Fisheries Department, Ministry of Natural Resources and Tourism, Dar es Salaam.
- Verburg, P., Hecky, R.E. and Kling, H. (2003). Ecological consequences of a century of warming in Lake Tanganyika. *Science*, 301:468-469.
- Verschuren, D., Johnson, T.C., Kling, H.J., Edgington, D.N., Leavitt, P.R., Brown, E.T., Talbot, M.R. and Hecky, R.E. (2002). History and timing of human impact of Lake Victoria, East Africa. *Proceedings of the Royal Society of London, Series B*, 269:289-294.
- Vollmer, M.K., Weiss, R.F. and Bootsma, H.A. (2002). Ventilation of Lake Malawi/Nyasa. In: Odada, E.O. and Olago, D.O. (eds), *The East African Great Lakes: Limnology, Palaeolimnology and Biodiversity*. Advances in Global Change Research, Kluwer Academic Publishers, p 209-233.
- Waktola, A. (1999). Exploratory study of two regions in Ethiopia to identify target areas and partners for intervention. Drylands Coordination Group, Report No. 6.
- Walsh J. and Dodson R.G. (1969). *Geology of Northern Turkana*. Geological Survey of Kenya, Report No. 82.
- Wandiga, S.O. (1981). The concentrations of zinc, copper, lead, manganese, nickel and fluoride in rivers and lakes of Kenya, SINET: *Ethiopian Journal of Science*, 3:67-74.
- Wandiga, S. and Onyari, J. (1987). The concentration of heavy metals: Mn, Fe, Cu, Zn, Cd and Pb in sediments and fish from the Winam Gulf of Lake Victoria and fish bought in Mombasa town markets. *Kenya Journal of Science*, 8:5-18.
- Wandiga, S.O., Kaigwara, P.N. and Lalah, J.O. (2002). Pesticides in Kenya: In: Taylor, M.D., Klaine, S.J., Carvalho, F.P., Barcelo, D. and Everaats, J. (eds), *Pesticide Residues in Coastal Tropical Ecosystems*. Distribution, fate and effects. Taylor and Francis, London and New York, p 49-80.
- Warsame, M. (1991). Impact of population movement on malaria transmission in Somalia. In: *Malaria and Development in Africa: a Cross-Sectoral Approach*. American Association for the Advancement of Science. Sub-Saharan Africa Program, Washington DC, p 217-221.
- Wasswa, J. (1997). Determination of Pollutants within Sediments in Water Channels from Industries and in selected parts of Lake Victoria. Thesis, Makerere University.
- West, K. (ed.) (2001). *Lake Tanganyika: Results and Experiences of the UNDP/GEF Conservation Initiative*. Lake Tanganyika Biodiversity Project. UNDP/GEF/UNOPS, RAF/92/G32. Available <http://www.ltbp.org>.
- Wetzel, R.G. (1983). *Limnology*. 2nd edition. CBS College Publishing, New York.
- WHO (1999) *Outbreak news*.
- Willoughby, N.G., Watson, I.G. and Twongo, T. (1996). Preliminary studies on the effects of water hyacinth on the diversity, abundance and ecology of the littoral fish fauna in Lake Victoria, Uganda. In: Johnson, T.C. and Odada E.O. (eds), *The Limnology, Climatology and Paleoclimatology of the East African Lakes*. Gordon and Breach, Toronto, p 643-655.
- Wilson, E., Sutherland, J. and Ekola, A. (1999). Scientists discover previously unknown source of pollution that is killing the world's second largest freshwater lake. Retrieved Oct., 2002, from <http://www.futureharvest.org/news/11051999.shtml>
- Witte, F., Goldschmidt, T., Wanink, J.M., Oijen, M.J.P., Van Witte-Mass, E.L.M. and Bouton N. (1992). The destruction of endemic species flock; quantitative data on decline of haplochromine cichlids of Lake Victoria. *Environmental Biology of Fishes*, 29:1-28.
- Witte, F., Goldschmidt, T., Goudswaard, P.C., Katunzi, E.F.B, Mkumbo, O.C., Seehausen, O. and Wanink, J.H. (1999). Lake Victoria's ecological changes and their relationships with the riparian societies. In: Kawanabe, H., Coulter, G.W. and Roosevelt, A.C. (eds), *Ancient Lakes: their cultural and biological diversity*. Kenobi Productions, Ghent, Belgium, p 189-202.
- World Bank (1996). Kenya, Tanzania and Uganda: Lake Victoria Environmental Management Project. GEF Documentation Report No. 15541 – ARF.

- World Bank (1999). Country profiles (Burundi, D.R. Congo, Tanzania, Zambia). Retrieved from <http://www.worldbank.org.html.extdr/offrep/afr>.
- World Bank (2003). Malawi – Lake Malawi Ecosystem and Management Project. Africa Regional Office, Project ID MWPL-66196. Report. Retrived Sept., 2003, from http://www.cbnrm.net/pdf/worldbank_007_projct_malawi_001_ecosystemgmt_pid.pdf
- World Lakes Database (2002). Lake Turkana. Retrieved Jan., 2002, from <http://www.ilec.or.jp/database/afr/afr-20.html>
- Wothington, S. and Worthington, E.B. (1933). Inland Waters of Africa. MacMillan and Co., London.
- WWF (2003). Lake Malawi/Niassa/Nyasa Ecoregion: Report on the Donors and Partners Meeting, Club Makokola, Malawi, 12-13 May 2003. In: Wright, A. and Chafota, J. (eds), WWF Ecoregion Conservation Programme. Retrived Sept., 2003, from http://www.ramsar.org/mtg_malawi_wwf_2003_annex3.pdf
- Yongo, E. (1991). Socio-economic aspects of fish utilisation and marketing. Kisumu Kenya Marine and Fisheries Research Institute document.
- Yongo, E.O. (2000). Poor fisheries, poor fisherfolk: sustaining the fisheries of Lake Victoria for future use. Unpublished M.Sc. Thesis, University of Hull.
- Yuretich R.F. (1979). Modern sediments and sedimentary processes in Lake Rudolf (Lake Turkana), Eastern Rift Valley, Kenya. *Sedimentology*, 26:313-331.
- Yuretich R.F. and Cerling T.E. (1983). Hydrogeochemistry of Lake Turkana, Kenya: mass balance and mineral reactions in an alkaline lake. *Geochimica et Cosmochimica Acta*, 47:1099-1109.

Personal communication

- Abila, R.O. (Kenya Marine and Fisheries Research Institute, Kenya)
- Bootsma, H.A. (Great Lakes Water Institute, University of Wisconsin-Milwaukee, United States)