

*LAKE VICTORIA ENVIRONMENTAL MANAGEMENT PROJECT
(LVEMP)*



**LAKE VICTORIA ENVIRONMENT REPORT - UGANDA
WATER QUALITY AND ECOSYSTEMS STATUS
SUMMARY**

December, 2005

Edited By

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THE WORLD BANK



THE REPUBLIC OF UGANDA

PREFACE

This report is a summary of the current state of the environment of Lake Victoria basin, Uganda. A detailed report, the “Final Report on Water Quality Synthesis LVEMPI” for Uganda, has also been prepared. The beneficiaries of the report will include the National LVEMP Secretariat and also the Secretariats in the other riparian countries, the World Bank and other collaborative financial institutions, local institutions (governmental and non-governmental organisations) interested in sustainable utilisation and conservation of the lake’s resources, National Environment Management Authority (NEMA), academic institutions and all stakeholders in the basin. This summarised report will act as a tool in the planning of activities for LVEMP II.

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List of Abbreviations, Acronyms and Symbols

- | | |
|------------|---|
| 1. ADCP | Acoustic Doppler Current Profiler |
| 2. AMSL | Above Mean Sea Level |
| 3. AWSs | Automatic Weather Stations |
| 4. BMUs | Beach Management Units |
| 5. BOD | Biochemical Oxygen Demand |
| 6. CIDA | Canadian International Development Agency |
| 7. CIFA | Committee for the Inland Fisheries of Africa |
| 8. COD | Chemical Oxygen Demand |
| 9. COWI | COWI Consulting Engineers and Planners |
| 10. CRM | Certified Reference Materials |
| 11. DDT | DichloroDiphenylTrichloroethane |
| 12. DFID | Department for International Development |
| 13. EAC | East African Community |
| 14. EAFFRO | East African Freshwater Fisheries Research Organization |
| 15. ECD | Electron Capture Detector |

16. ECOSAN	Ecological Sanitation Toilets
17. ENSO	El Nino Southern Oscillation
18. EPA	Environmental Protection Agency (USA)
19. FAO	Food and Agricultural Organization of the United Nations
20. FIRRI	Fisheries Resources Research Institute
21. GC	Gas Chromatography
22. GDP	Gross Domestic Product
23. GEF	Global Environment Facility
24. GPS	Global Positioning System
25. HPLC	High Performance Liquid Chromatography
26. IBIS	Research Vessel at FIRRI, Jinja
27. IDA	International Development Association (World Bank)
28. IDRC	International Development Research Centre - Canada
29. IHE	Institute of Hydraulic Engineering (Delft)
30. IMB	Inner Murchison Bay
31. ISO	International Organisation for Standardisation
32. ITCZ	Inter Tropical Convergence Zone
33. IUCN	World Conservation Union
34. KCC	Kampala City Council
35. KL	Kenya Littoral Station
36. LVDP	Lake Victoria Development Programme
37. LVEMP	Lake Victoria Environmental Management Project
38. LVFO	Lake Victoria Fisheries Organization
39. LVFRP	Lake Victoria Regional Fisheries Project
40. MoH	Ministry of Health, Uganda
41. MSD	Mass Selective Detector
42. MSL	Mean Sea Level
43. NAM	Nedboer-Afstroemning Model
44. NWSC	National Water and Sewerage Corporation
45. OM	Organic matter
46. SIDA	Swedish International Development Cooperation Agency
47. SPSS	Statistical Package for the Social Sciences
48. STDs	Sexually Transmitted Diseases
49. TN	Total Nitrogen
50. TSS	Total Suspended Solids
51. UASB	Upflow Anaerobic Sludge Blanket
52. UBL	Uganda Breweries Limited
53. UBOS	Uganda Bureau of Statistics
54. UNDP	United Nations Development Programme
55. UNEP	United Nations Environmental Program
56. UP	Uganda Pelagic Station
57. UV	Ultra-Violet radiations
58. WEDC	Water Engineering Development Centre (United Kingdom)
59. WHO	World Health Organisation
60. WRMD	Water Resources Management Department