

CURRICULUM VITAE

PERSONAL DATA.

Surname: Igulu
First names: Mathias Msafiri
Date of birth: 16th July 1976
Place of birth: Bukumbi, Mwanza, Tanzania
Nationality: Tanzanian
Address: Tanzania Fisheries Research Institute
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Languages: Sukuma (mother tongue), Swahili (fluent-national language),
English (proficient in both speaking and writing)

ACADEMIC BACKGROUND

Sept, 2004 – Present: Student, Master of Science in Ecological Marine Management, Interuniversity programme, Vrije Universiteit Brussel (VUB) in Brussels, Universiteit Antwerpen (UA) in Antwerp, and Universiteit Gent in Ghent, Belgium. Expect to graduate in September 2006
Sept 1999 – June 2002: Bachelor Science General (Hons. Upper second class) majoring in Marine Biology and Chemistry, University of Dar es Salaam, Tanzania
Jan – May 1999: Computer training in database management, Word processing, Microsoft Excel and Power point presentation, University of Dar-es-Salaam, Tanzania
1996 – 1998: Advanced Level Secondary Education, majoring in Physics, Chemistry and Biology, Sengerema High School, Mwanza, Tanzania

1992 – 1995: Ordinary Level Secondary Education, Karatu Secondary School, Arusha Tanzania

WORKING EXPERIENCE

July 2003- Present: Research Officer, Tanzania Fisheries Research Institute (TAFIRI), Kigoma center.

Supervising junior scientist and lab technician, ensuring data at the fish landing station are correctly collected, analyzed and stored in databases. Setting up lab experiment and conducting water quality analysis. Daily to daily office management.

Nov 2003- Aug 2004: Special Habitat Mapping at Lake Victoria, this project was funded by the Lake Victoria Environmental Management Project (LVEMP) designed to map breeding and spawning habitat for fish and to suggest management strategies.

Nov. 2003: Water cobra filming (*Bouilengerina annulata stormsi*), this was done in collaboration with the National Geographic Channel (USA) at Lake Tanganyika (Kigoma Bay).

July - Aug. 2003: In Praise of Comparing Differences, a project designed to compare brain and morphological size, of eight different species of Lake Tanganyika cichlids with their habitat complexity. Place Kigoma Bay- Lake Tanganyika,

Dec. 2001-May. 2002: Special project for mangrove conservation, an experimental approach to investigate the mass mortality of the mangrove *Heritiera littoralis* in the Rufiji delta, sponsored by the University of Dar es Salaam.

OTHER TRAINING.

Jan-March 2003: Training in underwater marine survey methods, coral reef and reef fish identification and counting, SCUBA

- diving and Marine ecosystem conservation. Pemba (Frontier- Tanzania).
- June-August 2002: Nyanza Project, an interdisciplinary training course in tropical lake studies and research methods. At Lake Tanganyika, Kigoma bay. Organized by the Arizona State University (USA).
- Aug-Sept 2001: Marine survey field course at the Institute of Marine Science, University of Dar es salaam, Zanzibar.
- June- Aug 1999: Laboratory assistant, Pesticides Separation analysis at the Institute of Marine Science, Zanzibar.

REPORTS/PUBLICATIONS.

- Mathias M. 2002 An experimental approach to investigate mass mortality of mangrove *Heritiera littoralis* at Rufiji delta after 1997/98 El-Niño event. BSc Thesis University of Dar es salaam.
- Kimaru, J and Mathias, M. (2002) Line fishing in relation to limnological parameter at Kigoma bay, Lake Tanganyika (unpublished).
- Mathias M, Mwandya W. (2003 – 2004) Special habitat mapping in non trawlable area of Lake Victoria, Tanzania waters. Technical report LVEMP 2003-2004.

WORKSHOPS AND SEMINARS

- The 2nd Western Indian Ocean Marine Science Association (WIOMSA) scientific Symposium. 22nd – 26th October, 2001, Karimjee Hall, Dar es Salaam, Tanzania (participant)
- Scientific symposium on Exploitation and Restoration of Tropical Aquatic Ecosystems, 7th October 2004, Vrije Universiteit Brussel (Free University of Brussels-VUB), Brussels, Belgium (participant).
- VLIZ Young Scientists 1 Day workshop Flanders Marine Institute (VLIZ) 25th February 2005
- VLIZ Young Scientists 1 Day workshop Flanders Marine Institute (VLIZ) 31st March 2006
- Second ODINAFRICA seminar in Oostende, Belgium, 24 – 26 April 2006.

PROFESSIONAL SKILLS

Computer skills: Conversant with Microsoft office (MS word, Excel, FrontPage, Powerpoint and Access), Internet , ArcGIS and GIS application software.

MEMBERSHIP

A member of the Western Indian Ocean Marine Sciences Association (WIOMSA)

A member of the East Africa, Austria water Association (EAAWA).

A member of The British Sub Aqua Club (BSAC), Sports Diver.

REFERENCES.

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