

# CURRICULUM VITAE



## 1. PERSONAL DATA

**Name:** Dr. Twalibu Kithakeni Mmbaga

**Nationality:** Tanzanian

**Name of place and date of birth:** Mwanga, Kilimanjaro, TANZANIA; 12 Dec 1967

**Department/College:** Aquatic Sciences and Fisheries Technology/College of Agricultural Sciences and Fisheries Technology

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## 2. EDUCATION

### Dates

### Universities/Colleges

### Qualification

PhD (Aquatic Science)	2005-2017	University of Dar Es Salaam TZ
M.Sc. (Zoology)	1998-2002	University of Dar Es Salaam, TZ
B.Ed. (Sc) (Upper Second class)	1994-1998	University of Dar es Salaam, TZ
Diploma (Biology & Chemistry)	1986-1989	Dsm Teachers College, DAR, TZ

## 3. ACADEMIC POSTS HELD AT THE UNIVERSITY OF DAR ES SALAAM

### Post

### Dates

Assistant Lecturer

January, 2012

Lecturer

January, 2018

## 4. POSTS HELD AT THE UNIVERSITY OF DAR ES SALAAM

### Post

### Dates

Principal Laboratory Scientist	January 2004-Dec 2011	Kunduchi campus
Tutor, Fisheries Diploma (UDSM),	Dec 2004- Dec 2011	Kunduchi campus
Acting Principal Laboratory scientist in-charge.	January 2005 –July 2005	Kunduchi campus
Acting Transport Coordinator	Aug 2005 –Dec 2005.	Kunduchi campus

## 5. ADMINISTRATIVE POSTS HELD AT THE UNIVERSITY OF DAR ES SALAAM

2009 – To date: Member of Gender Committee -Department of Aquatic Science and Fisheries.

2012 – Member of Time table committee CoNAS – DASF

2016 – Time table coordinator CoAF UDSM

## 6. ADMINISTRATIVE POSTS HELD OUTSIDE THE UNIVERSITY OF DAR ES SALAAM

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## 7. PROFESSIONAL AFFILIATION

### Society

### Dates (Since)

Western Indian Ocean Marine Science Association

1994

Sarnissa-african-aquaculture

2012

## 8. AWARDS

- 2002 Sida-SAREC Scholarship to pursue MSc University of Dar Es Salaam
- 2005 Sida-SAREC to pursue PhD. University of Dar Es Salaam
- 2009: Best Worker, Faculty of Aquatic science University of Dar Es Salaam.

## 9. TEACHING/SUPERVISION

### Teaching Fisheries Diploma (Academic Year: 2004-2011)

- (i) Aqua-business studies and Extension (MAD 102),
- (ii) Fish marketing, Management and Planning (MAD 210),
- (iii) Fishery economics (MAD 110),
- (iv) Managerial accounting (MAD 204)

### Teaching Aquatic science and fisheries (Academic year 2012-2018)

- (i) Marine Ecology (AQ 225)
- (ii) Benthic Ecology (AQ 122)
- (iii) Fishery Extension Education (AQ 344)
- (iv) Fishery Resource Management (AQ 432)

### 9.1 SUPERVISED STUDENTS (Diploma students)

- (i) Mwasaga, S. (2005) Costs-Benefits analysis of sea cucumber fishery at Kunduchi Pwani village-Dar Es salaam.
- (ii) Zacharia, A.M. (2005) Response and Attitude of Fishers Towards fisheries Regulations and management options at Kunduchi fishers village.
- (ii) Salvatory, K. (2006) The Drawbacks of fisher-folks co-operatives at Kigamboni and Kunduchi fish market-Dar Es salaam
- (iii) Mgaya, J.M. (2008) Developing Artisan fishers by loans and credits at Kunduchi Pwani village- Dar Es Salaam.
- (iv) Katende, J.B. (2008) Local knowledge of Fish ecology, Oceanography, Fishing gears in guiding fishing activities at Kunduchi Pwani village-Dar Es Salaam.
- (v) Kwesiga, A.A. (2009) Gaps and challenges of linking fishery research results and fishery stakeholders (a case study of sea cucumber fishery at Kunduchi Pwani village) – Dar Es salaam.
- (vi) Kwilasa, E. (2012) Industrial training on seed production of Sand fish at Kunduchi Hatchery of Sea cucumbers, University of Dar Es Salaam.
- (vii) Komba, J. (2012) Sea cucumber Hatchery Management at Kunduchi Hatchery Centre, University of Dar Es Salaam.

### Graduate Degree students

Jongo Abdalah Bwaki (2016) Comparison of growth rates of Nile Tilapia (*Oreochromis niloticus*) rose in the earthen pond and in the concrete tank.

Malima Baraka Leonard (2017) Determination of factors affecting farmers in hatching of Tilapia fish seeds and aquaculture in Dar Es Salaam.

### Post Graduate Degree students

Mutayabarwa, Frank (2017) Effects of off-bottom seaweed farming to intertidal benthic fauna population.

## 10. SELECTED SHORT COURSES ATTENDED

- 1998: Scientific Data Analysis and Publication. (Organized by Sida /SAREC) Institute of Marine Sciences, University of Dar Es Salaam 12<sup>th</sup> – 16<sup>th</sup> April, 1999.

- 2000: The Pear education and counseling course on HIV and AIDS 6<sup>th</sup> – 31<sup>st</sup> March 2000 (Organized by AMREF Tanzania). ADEM, Bagamoyo, Dar Es Salaam, Tanzania.
- 2005: Effective teaching methods in Higher Learning Institutions, 24<sup>th</sup> – 28<sup>th</sup> January, 2005 Organized by University Center for Continuing Education (UCCE) University of Dar Es Salaam.
- 2005: Foundation course on Gender and Development, Organized by Tanzania Gender Networking Programme Centre (TGNP), 14<sup>th</sup>- 25<sup>th</sup> February 2005. Dar Es Salaam, Tanzania.
- 2009: Oyster aquaculture and pearls making training, Mafia Island Marine Park, Mafia, Tanzania 30<sup>th</sup> October – 4<sup>th</sup> November 2009.
- 2010: Seed Production and Nursery of Sand fish (*Holothuria scabra*) in Southern Asian Fisheries Development Center Training and Information Division (SEAFDEC), Tigbauan, Iloilo, Philippines 6<sup>th</sup> – 15<sup>th</sup> April 2010.
- 2012 A Course on Writing Skills 16<sup>th</sup> -20<sup>th</sup> April 2012 Organized by University Center for Continuing Education (UCCE) University of Dar Es Salaam.
- 2012: A Course on Basic Teaching Methodology in Higher Learning Institutions, 7<sup>th</sup> -11<sup>th</sup> May 2012 Organized by University Center for Continuing Education (UCCE) University of Dar Es Salaam.
- March 2014: A course on Training the trainer on Research Proposal, Report Writing and Publication 10 – 20<sup>th</sup> March, 2014 Organized by AuthorAID and St. John University (SJUT), Dodoma Tanzania

#### **11. SELECTED CONFERENCES, SEMINARS, AND WORKSHOPS ATTENDED**

- 2003: The Workshop on Advances in Sea cucumber Aquaculture and Management (ASCAM), 14<sup>th</sup> –18<sup>th</sup> October 2003 (Organized by FAO). Dalian, China.
- 2006: The Programmers for the National Stakeholders Workshop on The National Environmental Research Agenda (NERA) (Organized by NEMC), 23<sup>rd</sup> January, 2006 White Sand Hotel-Dar Es Salaam, Tanzania.
- 2006: The strategic plan review workshop; Faculty of Aquatic Science and Technology; 27<sup>th</sup> May 2006, (Organized by FAST) University of Dar Es Salaam, Tanzania.
- 2007: The PUMPSEA stakeholder’s workshop; (Organized by NEMC) 13<sup>th</sup> February, 2007. LKEMP Offices, Pamba House Dar Es Salaam Tanzania.
- 2007: The National workshop on Marine fish and Fishery Products Certification, Institute of Tourism and Hotel Dar Es salaam, Tanzania -16<sup>th</sup> March 2007.
- 2008: Experts Workshop on Threatened and Endangered Species of Tanzania (Organized by NEMC) 11<sup>th</sup> -13<sup>th</sup> July, 2008, Belinda Hotel - Dar Es Salaam, Tanzania.
- 2008: Regional workshop on Sea cucumbers: Strengthening the Management of the sea cucumber Fishery in Western Indian Ocean, Sai Rock Hotel - Mombasa, Kenya 28<sup>th</sup> – 30<sup>th</sup> October 2008.
- 2013: Biosafety and GMO liabilities Workshop Kamarage conference hall; Kunduchi Beach Hotel, Dar Es Salaam, 8<sup>th</sup> 9<sup>th</sup> May 2013.
- 2013: 8<sup>th</sup> Western Indian Ocean Marine Science Association (WIOMSA) scientific conference, Girassol Indy Hotel, Maputo, Mozambique- 20<sup>th</sup> October – 2<sup>nd</sup> Nov 2013.
- 2014: Seminar on Tropical Marine Industry Development for African English-speaking Countries; Hainan University organized by Economic and Commercial Representation of the Embassy of the Peoples Republic of China- June 2<sup>nd</sup> 2014 to June 24<sup>th</sup> 2014.
- 2017: Workshop on Teaching and Supervision in Higher Education Sida-UDSM, Kisenga LAPF International Conference Center, Tanzania-May, 15<sup>th</sup>-17<sup>th</sup>, 2017.

## 12. PUBLICATIONS

### 10.1 Publications in Refereed Journals


- 11.1.1 T. Kithakeni and S.G.M. Ndaró (2002). Some Aspects of Sea cucumber, *Holothuria scabra* (Jaeger, 1935), along the Coast of Dar Es Salaam. *Western Indian Ocean J. Mar. Sci.* **Vol. 1, No.2**, pp. 163-168.
- 11.1.2 Twalibu K. Mmbaga and Yunus D. Mgaya, (2004). Sea cucumbers fishery in Tanzania: The Gaps Towards Aquaculture and Management (In Lovatelli, A (Comp / ed): *Advances in Sea cucumber aquaculture and management. FAO Fisheries Technical Paper, 463*, pp. 193-203, Rome, Italy.
- 11.1.3 De la Torre-Castro M., Ochiewo M.J., Kithakeni Mmbaga T. & Pinault M. (2007). A framework for addressing socio-economic and management aspects of sea cucumber resources in the Western Indian Ocean. *SPC Beche de mer Information Bulletin 25*: 22 – 28.
- 11.1.4 Mgaya Y, and Mmbaga T., (2007). Sea cucumbers in Tanzania. In: Conand, C. and Muthiga, N. (Editors), *Commercial Sea Cucumbers: A Review for the Western Indian Ocean*. WIOMSA Book Series No. **5**: 53-59.
- 11.1.5 Mmbaga, T.K. (2013). The effect of fishing on the ecology of sea cucumber (Holothuroidea: Echinodermata) *Holothuria scabra* and *Holothuria nobilis* in Tanzanian sea water, *International Journal of Development and Sustainability*, Vol. 2, No. 2, pp. 1099-1126.
- 11.1.6. T.K. Mmbaga and Y. D. Mgaya (2013). Production *H. scabra* seeds for farming: Experience from Tanzania; “Poster” presented in 8<sup>th</sup> Western Indian Ocean Marine Science Association (WIOMSA) scientific conference, Girassol Indy Hotel, Maputo, Mozambique- 20<sup>th</sup> October – 2<sup>nd</sup> Nov 2013.
- 11.1.7. T. K. Mmbaga (2013). Management strategies in sea cucumber fisheries in Tanzania; “Poster” presented in 8<sup>th</sup> Western Indian Ocean Marine Science Association (WIOMSA) scientific conference, Girassol Indy Hotel, Maputo, Mozambique- 20<sup>th</sup> October – 2<sup>nd</sup> Nov 2013.

## 12 RESEARCH AND CONSULTANCY/ REPORTS

### 12.1 Research Reports

- 12.1.1 T. Kithakeni 2006: Farming of Holothurians (*Holothuria scabra*) trial at Buyuni, Dar Es Salaam – Funded by University of Dar Es Salaam – Sida/ SAREC Bilateral Science Programme.
- 12.1.2 Ndaró S.G.M and T.Kithakeni 2007: Meio-benthos (Copepods) data collection and analysis; The PUMPSEA; Project, Dar Es Salaam sites, Tanzania.
- 12.1.3 Ndaró, S.G.M. and Mmbaga, T.K. 2007: Study of Ecology of Key fish species in the Malagarasi – Muyovozi Ramsar site, Undertaken by University of Dar Es Salaam – Wetland, Funded by Danish Embassy.
- 12.1.4 Mgaya, Y.D. and Mmbaga, T. K. 2008: Strengthening the Management of the Sea cucumber Fishery in the Western Indian Ocean; Sea cucumber Regional Project; MASMA Funded Project.
- 12.1.5 Mgaya, Y.D. and Mmbaga, T.K. 2010: Poverty Eradication through Aquaculture (Sea cucumber *H. scabra* hatchery and farming in Tanzania) in collaboration with New Castle University UK

CERTIFICATION: I, the undersigned certify that, to the best of my knowledge and belief, this Curriculum Vitae correctly describes qualifications, my experience and myself.

Signature: 

Date: 01<sup>th</sup> June, 2018