

Kasun Anuruddha Bandara

Department of Fisheries and Aquaculture
Faculty of fisheries and Marine Sciences
University of Ruhuna
Matara, Sri Lanka

Email: kasun@fish.ruh.ac.lk, kasuab87@gmail.com
Phone: +94 (0) 71 055 30 68



OBJECTIVES

I am a highly motivated, responsible and honest individual and possess good interpersonal relationships and communication and innovative skills, which have been the key for the success in my career to date. I also possess unselfish, cooperative and leadership skills, which helps to maintain good teamwork. I hope to utilize and extend these skills and gain work experience and training to achieve the highest possible research and academic standards locally and globally to serve my motherland to help its development goals and to make her a globally unique nation.

PERSONAL DETAILS

- Name in Full : Abesingha Mudiyanseleage Kasun Anuruddha Bandara
- Date of Birth : 07th December 1987
- Nationality : Sri Lankan
- Gender : Male
- Marital Status : Married
- NIC Number : 873420154V
- Personal Address : 135/9, Araliya Uyana, Melegama, Wadduwa, Sri Lanka.

EDUCATIONAL QUALIFICATIONS

- **M. Sc. in Aquaculture (Major: Aquaculture Health Management), Faculty of Bioscience Engineering, Ghent University, Belgium. (2019)**
 - Obtained Summa Cum Laude (Total score - 871/ 1000)
 - Principal Subjects: Biology of Fishes, Physiology of Aquatic Organisms, Aquaculture Nutrition, Aquaculture Genetics, Applied Statistics, Marine fish larval rearing and live feed culture, Fish and Shellfish Immunology, Diseases in Aquaculture
 - Master's Dissertation: Optimization of poly- β -hydroxybutyrate production by halophilic microorganisms and evaluation of their protective effect on Vibrio-challenged *Artemia*

- **B.Sc. in Fisheries and Marine Sciences (Specialized in Aquaculture), University of Ruhuna, Matara, Sri Lanka (2013)**
 - With a First Class (Honors) (GPA – 3.76/4.00)
 - Principle subjects: Fisheries and Aquaculture
 - Subsidiary subjects: Oceanography and Marine Geology, Limnology
 - Research project: Effect of Pigments Extracted from Shrimp Wastes in Diets on skin and flesh Coloration of *Oreochromis niloticus*

RESEARCH & PUBLICATIONS

Unpublished Manuscript

Lopes-dos-Santos, R., **Bandara, K.**, and Van Stappen, G. (2019). *Stimulation of Poly- β -Hydroxybutyrate Production in Halophilic Bacteria and Archaea as a Potential Probiotic Tool in Aquaculture*. Unpublished manuscript, Laboratory of Aquaculture & Artemia Reference Center, Ghent University, 9000 Ghent, Belgium.

Conference Proceedings

Bandara, K., Dissanayake, P., Guruge, K. and Ratnasiri, J. (2015). Southern Fisheries Perception on the Present Status of Offshore and Deep Sea Fishing Industry in Sri Lanka. In: *Proceedings of the Twenty-first Scientific Sessions*. Colombo: Sri Lanka Association for Fisheries and Aquatic Resources, p.28.

Bandara, K., Cumaranatunga, P.R.T. and Gamage, K. (2014). Effect of pigments extracted from shrimp wastes in diets on skin and flesh colouration of *Oreochromis niloticus*. In: *Proceedings of the 70th Annual Sessions*. Colombo: Sri Lanka Association for the Advancement of Science, p.48.

EMPLOYMENT HISTORY AND EXPERIENCES

Working experiences

- **Lecturer (Probationary)** (from 05-08-2017 up to date), **Temporary Lecturer** (From 20-08-2015 to 19-08-2016) and **Temporary Demonstrator** (Teaching Assistant) (From 03-03-2014 – 19-08-2015) in Department of Fisheries and Aquaculture, Faculty of Fisheries and Marine Sciences, University of Ruhuna, Matara.

In my career, my pleasurable duties are to conduct lectures and practical classes for undergraduates following the Fisheries & Aquaculture for the B.Sc. Degree in Fisheries and Marine Sciences for all four levels of the Degree Programme and to help them with their research projects. I engage in research studies related to fish health and welfare under the guidance of Senior Academics of my department. This career position broadens my knowledge in the field of aquaculture and fisheries and keeps me up dated with modern findings in the field.

- **Research Assistant** to Asia Pacific Network for global change research on part time basis in *Coastal Ecosystem and Changing Economic Activities: Challenges for Sustainability; Transition along Chinese and South Asian Coasts* (Project Reference Number: ARCP2012-12NMY-Roy). For this project, I have contributed with data collection and data analysis.

Training programs

- **2019 – Internship on fish nutritional welfare and management of Recirculating Aquaculture Systems** at Faculty of Facility Management and Life Sciences, Zurich University of Applied Sciences, Switzerland. During this three months internship, which is a mobility grant funded by the Leading House South Asia and Iran, ZHAW Zurich University of Applied Sciences, I gain research experience on fish early life history and gain knowledge on using laboratory tools related to molecular biology, nutrition and larval biometry.

- **2013 - Industrial training (3 months):** As a partial requirement for the B.Sc. Special Degree, I underwent industrial training at King Aqua Services (Pvt) Ltd, Chilaw. During the two months of training, I had hands on experience in water quality management and maintenance, feeding management and disease prevention, identification and treatment during prawn farming. Further, hands on experience in PCR techniques to detect WSSV in brood-stock and larvae of *P. monodon* and quality evaluation of post larvae.

Other training:

- **2016** - Participated in Workshop on "**Statistics for Biological Research**" conducted by Sri Lanka Association for Fisheries & Aquatic Resources
- **2013** - Field excursions on **Integrated Coastal Zone Management** at Hikkaduwa, Madu Ganaga, Negambo and Kalpitiya conducted by Coast Conservation Department.
- **2012** - Training workshops on **Waste Water treatment** conducted by the Board of Investment- Biyagama and MAS fabric holding company limited in Thulhiriya.
- **2012** - Training on **drinking water treatment process** in Malimbada drinking water treatment plant.
- **2012** - Training Curriculum for undergraduates on **Ornamental fish culture**, conducted by NAQDA (National Aquaculture Development Agency) in Ornamental Fish Breeding and Training Center – Rambadagalla.
- **2012** - Training Curriculum for Undergraduates in **Propagation of carps and tilapia**, conducted by NAQDA in Freshwater Aquaculture Development Center, Udawalwa.
- **2012** - Training for university undergraduates in **Fish Processing and Post-Harvest technology and HACCP** in Alpex Marine (pvt.) Ltd and Tropic Frozen Foods (pvt.) Ltd.

TECHNICAL SKILLS

- **Certificate Course of Computer Literacy (CLC)** concurrent to undergraduate academic coursework of Level I, Department of Computer Science, University of Ruhuna, Sri Lanka (2008 - 2009)
- Successfully completed the **PADI Open Water Diving** course in Poseidon Diving Station (PADI Authorized 5 Star Instructor Development Center), Hikkaduwa, Sri Lanka.

Literacy in academic computing

- GIS applications - Ilwis Academic 3.3, ArcGIS, CPCe
- Statistical packages – R, SPSS Package 16.0, FISAT II, MINITAB

SKILL PROFILE

- **Language Ability:**

- ✓ Obtained overall 7.0 marks for IELTS and above 6.5 for all four testing components listening, reading, writing and speaking.
- ✓ Successfully completed Certificate course in English conducted by University of Colombo with a distinction pass.
- ✓ Successfully completed English Proficiency Examination conducted by English Language Teaching Unit, University of Ruhuna, Sri Lanka.
- ✓ Passed General English subject with distinction passes at both GCE A/L and O/L examinations.

- **Organization and Team work:**

- ✓ Served as an instructor at Teachers' Training program conducted by the Faculty of Fisheries and Marine Sciences on technology related to food fish and ornamental fish culture a request made by the Ministry of Education to train teachers who are teaching the school children in Technology Streams (2014).
- ✓ Coordinator of the Educational Exhibition organized by the Faculty of Fisheries and Marine Sciences, University of Ruhuna (2014).
- ✓ Representative of cricket, volleyball and badminton teams in Intra-faculty matches & Captain of the badminton team of 2008 badge in intra-faculty meet (2013).
- ✓ Voluntary service extended in Dengue prevention and One day Treatment Program for filariasis (2002).

- **Awards/Honors:**

- ✓ Awarded with a prestigious VLIR-UOS scholarship from the Belgian government (2016).
- ✓ Best Performance Award in GCE O/L Examination at Royal College, Panadura, Sri Lanka (2003).

- **Professional Memberships:**
 - ✓ Member of the Sri Lanka Association for the Advancement of Science (SLAAS).

 - **Interest:**
 - ✓ Snorkeling and underwater photography
 - ✓ Canvas painting
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