

## **Sandamali Sakunthala Herath**

*PhD (TUMSAT, Japan ), MSc (AIT, Thailand), BSc (Ruhuna, Sri Lanka)*



### **Contact Information**

<b>Faculty</b>	Department of Fisheries & Aquaculture, Faculty of Fisheries and Marine Sciences & Technology, University of Ruhuna, Matara, Sri Lanka
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### **Academic Qualifications**

<b>PhD</b>	Fish Nutrition, Tokyo University of Marine Science and Technology, Japan (2013-2016)
<b>MSc</b>	Aquaculture and Aquatic Resources Management, Asian Institute of Technology (AIT), Thailand (2009-2010)
<b>BSc</b>	(Special) in Fisheries Biology, University of Ruhuna, Sri Lanka (2000-2005)

### **Academic Awards & Scholarships**

**Presidential award (Sep 2016)**, for the academic Excellence in the graduate school of Applied Marine Biosciences, Tokyo University of Marine Science and Technology, Japan

**ISFNF poster award (June 2016)**, for the outstanding student poster in 17<sup>th</sup> International Symposium on Fish Nutrition and Feeding, Idaho, USA

**Japanese Government (Monbukagakusho: MEXT) Scholarships (2013-2016)**. A full scholarship was awarded by Ministry of Education, Culture, Sports, Science and Technology, Japan to pursue Doctoral degree at the Tokyo University of Marine Science and Technology, Japan

**The C. Kwei Lin prize Award (Dec 2010)**, for the most outstanding academic performance in the field of Aquaculture and Aquatic Resources management, Asian Institute of Technology, Thailand

**NORAD scholarship (2009-2010)**, A full scholarship was awarded from the Ministry of Foreign affairs, Norway through AIT to pursue a Master of Science degree in Aquaculture and Aquatic Resources Management at Asian Institute of Technology, Thailand.

### **Research Interests**

Fish Nutrition and Nutrigenomics

Larval rearing

Fish genetics

Aquaponics

Aquaculture

### **Institutional Memberships**

World Fisheries Society (WFS)

Asian Fisheries Society (AFS)

Japanese Society of Fisheries Science (JSFS)

Sri Lanka Association of Fisheries and Aquatic Science (SLAFA)

### **Work Experiences**

**Lecturer**, Department of Fisheries & Aquaculture, FMST, Ruhuna (Dec 2008 –Up to date)

**Lecturer (On Contract)**, Department of Fisheries & Aquaculture, FMST, Ruhuna, (May 2008- Dec 2008)

**Assistant Lecturer**, Department of Fisheries & Aquaculture, FMST, Ruhuna, (Oct 2005 – Jan 2008)

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**Demonstrator**, Department of Fisheries Biology, Faculty of Science University of Ruhuna, Matara, Sri Lanka. (August 2005- Oct 2005)

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**Student Demonstrator (temporary)** Dept. of Fisheries Biology, University of Ruhuna (October 2004 - April 2005)

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### Other professional Roles

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Reviewer of the Journal of "Aquaculture Research"

Reviewer of the "Journal of the World Fisheries Society "

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### Publications

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#### International Peer Reviewed Journals

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**Herath, S. S.**, Haga, Y., & Satoh, S. (2016). Effects of long-term feeding of corn co-product-based diets on growth, fillet color, and fatty acid and amino acid composition of Nile tilapia, *Oreochromis niloticus*. *Aquaculture*, 464, 205-212.

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**Herath, S. S.**, Haga, Y., & Satoh, S. (2016). Potential use of corn co-products in fishmeal-free diets for juvenile Nile tilapia *Oreochromis niloticus*. *Fisheries Science*, 82(5), 811-818.

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Herath, H. M. T. N. B., Radampola, K., & **Herath, S. S.** (2014). Morphological variation and length weight relationship of *Oreochromis mossambicus* in three brackish water systems of Southern Sri Lanka. *International Journal*, 2(2), 2311-2476.

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**Herath, S. S** and Atapaththu, K.S.S. (2013). Sudden weaning of angel fish, *Pterophyllum scalare* (Lichtenstein) (Pisces; Cichlidae) larvae from brine shrimp (*Artemia* sp) nauplii to formulated larval feed. *SpringerPlus* 2,102.

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**Herath, S.S**, Atapaththu, K.S.S and Radampola, K. (2013). Do visual cues from the male fish and the mirror image elicit the egg laying process of female angel fish; *Pterophyllum scalare* (Lichtenstein)(Pisces; Cichlidae)? *Journal of Biology*, 01, 100-105.

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#### Book Chapters

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**Herath.S.S** and Satoh, S. (2015). 15-Impact of phosphorous and nitrogen from aquaculture: In *Feed and Feeding Practices in Aquaculture* (Davis, D.A. ed.), pp. 369-386. Woodhead Publishing, Oxford

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#### Publications in International Conferences

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**Herath S.S**, Y. Haga, M. Endo, S. Satoh (2016). Influence of total fishmeal replacement and salinity on growth and nutritional quality of Nile tilapia, *Oreochromis niloticus*. *Proceedings of the 17<sup>th</sup> International Symposium on Fish Nutrition and Feeding, Idaho, USA.*

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**Herath S.S**, Y. Haga, M. Endo, S. Satoh (2015). Combined effect of fishmeal replacement and salinity on growth performance of Nile tilapia, *Oreochromis niloticus*. *Proceedings of the Japanese Society of Fisheries Sciences (Autumn meeting): Tohoku, Japan*

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**Herath S.S**, Y. Haga, M. Endo, S. Satoh (2015). Potential application of corn co-products to formulate zero fish meal diets for juvenile Nile tilapia (*Oreochromis niloticus*). *Proceedings of the Aquaculture 2015, Montpellier, France.*

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**Herath S.S**, Y. Haga, M. Endo, S. Satoh (2015). Impacts of different corn co-products on fillet color and growth performance of Nile tilapia (*Oreochromis niloticus*). *Proceedings of the World Aquaculture 2015, Jeju island, South Korea.*

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**Herath S.S**, Y. Haga, M. Endo, S. Satoh (2015). Does corn by-products change fillet quality of Nile tilapia, *Oreochromis niloticus*?. *Proceedings of the Japanese Society of Fisheries Sciences (Spring meeting) , Tokyo, Japan*

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Hettiarachchi, D. U., Radampola, K., **Herath, S. S.**, & Atapattu, M. (2014). Effect of different live feeds on growth performance and survival of Angel fish (*Pterophyllum scalare*) larvae in indoor aquarium conditions [Conference poster]. In *ISAE 2014. Proceedings of the International Symposium on Agriculture and Environment 2014, Ruhuna, Sri Lanka, 27 November 2014.* (pp. 307-310). Faculty of Agriculture, University of Ruhuna.

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Atapaththu, K.S.S. Radampola, K and **Herath, S.S.** (2012). Preliminary study on algal development in indoor fish tanks, Proceedings of the second international symposium, South Eastern University of Sri Lanka. University Park, Oluvil, 32360, Sri Lanka.

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**Herath, S.S** and Atapaththu, K.S.S. (2012). Effects of different live feeds on growth performance of fighter fish (*Bettasplendens*). Proceedings of the second international symposium, South Eastern University of Sri Lanka. University Park, Oluvil, 32360, Sri Lanka.

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**Herath, S.S** (2009). Fisheries education in Sri Lanka. Proceedings of the International Symposium on Aquaculture and Fisheries Education, Asian Institute of Technology, Thailand

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*Conferences and Meetings of Professional Associations*

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**Herath, S.S** and Radampola K, (2005). The effect of food ration on the growth of young guppy, *Poecilia reticulata*. Third Science Symposium of the faculty of Science, University of Ruhuna, Matara, Sri Lanka

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**Herath, S.S** and Radampola K, (2004). The effect of feeding frequency on the growth of young guppy, *Poecilia reticulata*. Second Science Symposium of the faculty of Science, University of Ruhuna, Matara, Sri Lanka

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