



MR. J.A. ATHULA

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EVENTS/ UPDATES

AREAS OF EXPERTISE

- athulaj@uwu.ac.lk

RESEARCH INTEREST

- Aquaculture and Fisheries

MEMBERSHIPS

Committees

Professional Bodies

- Sri Lanka Association for Fisheries and Aquatic Resources (SLAFAR)

PUBLICATIONS

Full papers

Athula J.A., Wijenayaka W.H.M.K. and Jasingha U.A.D. 2005. Strategies for management of culture- based fisheries in seasonal reservoirs of Sri Lanka. pp. 179-191. In Wijenayaka M.J.S. and U.S.Amarasingha (eds); Participatory approaches to reservoir fisheries management; Issues, Challenges and Policies. Proceeding of the symposium held on 03 – 06 October 2004, Dambulla, Sri Lanka. German Technical Cooperation (GTZ) and Sri Lanka Association for Fisheries and Aquatic Resources, Colombo, Sri Lanka.

Wijenayaka W.H.M.K. and Jasingha U.A.D. U.S.Amarasingha, J.A.Athula, K.B.C.Pushpalatha and S.S.De Silva, 2005b. Culture based fisheries in non-perennial reservoir in Sri Lanka. Production and relative performance of stocked species. Fisheries management and Ecology 12, pp.249 – 258.

Y.S.L. Kumaranayaka, N.S. Kottearachchi and J.A. Athula 2015. An Approach Towards the Identification of DNA Marker for the Detection of WSSV Resistant Populations in Giant Black Tiger Shrimps, *Penaeus monodon*

Fabricius in Sri Lanka Journal of the National Aquatic Resources Research and Development Agency, vol 44, 2015, p.59.

Cattle and water buffalo densities wading into small village reservoirs of Sri Lanka impact on yields on the culture-based fisheries thereof. Jayasinghe, A.D., J.A. Athula., S.S.De Silva., U.S. Amarasingha, 2018. Sri Lanka Journal of Aquatic Sciences. 23(1), pp.67–75. DOI: <http://doi.org/10.4038/sljas.v23i1.7547>

Abstracts (recent)

Eco System Approach to Shrimp Farming in North Western Province of Sri Lanka Through Implementation of Crop calendar and Zonong P.N. Chandraratne, J.A. Athula and J.M. Asoka 2012. Proceeding of the eighteenth annual scientific sessions of the Sri Lanka Association for Fisheries and Aquatic Resources 17-18 May 2012. Auditorium of Sri Lanka Foundation Institute, Colombo 07, Sri Lanka. Abstract of papers, p.36.

Study on Spatial and Temporal Variations of the White Spot Syndrome Viral infection in *P. monodon* Brood Stocks in Sri Lanka during the Period 2010-2011.

Lakmal J.A.WS., Rathnayaka R.M.N.P., Athula J.A. and Chandraratne P.N. 2012 Proceeding of the eighteenth annual scientific sessions of the Sri Lanka Association for Fisheries and Aquatic Resources 17-18 May 2012. Auditorium of Sri Lanka Foundation Institute, Colombo 07, Sri Lanka. Abstract of papers, p.53.

Cyst Processing Technology, Hatching Characteristics and Nutritional Evaluation of *Artemia parthenogenetica* in Sri Lanka Athula J.A., Chandraratna P.N., Nguyen Van Hoa., Kularatne A.U. and Ubeysinghe N.W. 2013. Proceeding of the nineteenth annual scientific sessions of the Sri Lanka Association for Fisheries and Aquatic Resources 16-17 May 2013. Auditorium of National Aquatic Resources Research and Development Agency, Colombo 15, Sri Lanka. Abstract of papers, p.31.

Induce Breeding of Sea bass (*Lates calcarifer*) Using Artificial Hormone and Larval Rearing. R.K. Padmasiri, J.A. Athula, J.M. Asoka and W.S.R. Lowe 2013. Proceeding of the nineteenth annual scientific sessions of the Sri Lanka Association for Fisheries and Aquatic Resources 16-17 May 2013. Auditorium of National Aquatic Resources Research and Development Agency, Colombo 15, Sri Lanka. Abstract of papers, p.25.

Impact of Implementation of Better Management Practices on *Penaeus Monodon* Farming in puttalam Zone, Sri Lanka. P.S. Peduruheewa, J.A. Athula, R.M.N.P.K. Ranathunga and J.M. asoka, 2017. Proceeding of the first international research symposium of the Uva Wellassa University 19-20 January 2017. Uva Wellassa University, Passara Road, Badulla, Sri Lanka. Abstract of papers, p.03.

Growth Performances of *Holothuria scabra* (Sea cucumber) in Pond Culture; a Preliminary study in Sri Lanka. A.M.D.N.S. Atapaththu, J.A. Athula, J.M. Asoka and P.N. Chandraratne, 2017. Proceeding of the first international research symposium of the Uva Wellassa University 19-20 January 2017. Uva Wellassa University, Passara Road, Badulla, Sri Lanka. Abstract of papers, p.06.

Evaluation of Effectiveness of Hatchery Grading System of *Penaeus monodon* Hatcheries in the North Western Province of Sri Lanka.

G.L.M. Perera, J.A. Athula, A.M.D.N.S Atapaththu and R.M.N.P.K. Ranathunga, 2017. Proceeding of the first international research symposium of the Uva Wellassa University 19-20 January 2017, Uva Wellassa University, Passara Road, Badulla, Sri Lanka. Abstract of papers, p.08.

Growth Performance of Black Tiger Shrimp (*Penaeus monodon*) Based On Three Different Brood Stock Collecting Areas Handala, Beruwala and Mulathivu in Sri Lanka.

E.M.H.Y. Ekanayake., J.A. Athula, A.M.D.N. S. Atapaththu, R. M.N.P.K. Ranathunga, 2018. Proceeding of the 2nd International Research Symposium of the Uva Wellassa University, 1-2 February 2018, Uva Wellassa University, Badulla 90000, Sri Lanka. Abstract of papers, p.71.

Stock health of commercially important Penaeid shrimps in Sri Lanka; a comprehensive molecular based study on six diseases found in the region.

J.A. Athula, Chaminda N. Walpita, H.A.D. Ruwandeepika, T.N.S. Thilakasiri, E.G.R. Dayananda, W.D.K.C. Thilakasiri, P.N. Chandraratne, 2018. Proceedings of the Twenty Fourth Scientific Sessions of the Sri Lanka Association for Fisheries and Aquatic Resources, 08th June 2018, Faculty of Social Sciences, University of Kelaniya, Dalugama, Kelaniya, Sri Lanka. Abstract of papers, p.31.

Posters

Total weight, total length and meat recovery percentage relationship of Black Tiger Prawn (*Penaeus monodon*) in export oriented headless prawn processing.

W.D.K. Chathuranga, A.S. Mahaliyana, J.M.D.R. Jayawardana and J.A. Athula, 2017. Proceeding of the first international research symposium of the Uva Wellassa University 19-20 January 2017. Uva Wellassa University, Passara Road, Badulla, Sri Lanka. Abstract of papers, P 12.

Study of Growth Performance of *Oreochromis niloticus* (Nile Tilapia) Fed by Formulated Diet Incorporated with Phytase Enzyme.

B.R.M.P Bandara, P.M Withanage, A.C.W.W.M.C.L.K Coswatte, J.A Athula, 2018. Proceeding of the 2nd International Research Symposium, Uva Wellassa University, Badulla 90000, Sri Lanka, 1-2 February 2018. Abstract of papers, p.74.

Books/ Book chapters

Translations

Technical Guidelines for Climate Resilient Farming Practices of Tilapia in Ponds and Cages

Reports

Country Implementation Report & Detail Report on Farm Demonstration of Climate Resilient Tilapia Farming in Sri Lanka

RESEARCH PROJECTS

Ongoing

Identification of genetic variation and inbreeding levels of Black Tiger shrimps (*Penaeus monodon*) Brood stocks in Sri Lanka

Evaluating the stock health of shrimps and related crustaceans in Sri Lanka

Completed

Evaluation of the Performance of Selected Exotic and Indigenous Fish Species in Culture – based Fisheries of Village Reservoirs in Sri Lanka

ADMINISTRATIVE RESPONSIBILITIES

Duration		Capacity	Institute
From	To		
2017	2019	Academic Warden	Uwa Wellassa University

CAREER HISTORY

Duration		Capacity	Institute
From	To		
Oct 2015-	Up to date	Senior Lecturer Gr-II	Uva Wellassa University
2005	2015	Assistant Director	National aquaculture Development Authority of Sri Lanka
1997	2005	Aquaculturist	Ministry of Fisheries & Aquatic Resources / National aquaculture Development Authority

TEACHING

Uva Wellassa University

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SUPERVISION

Higher Degrees Supervised

Undergraduate research supervised (Selected)