

CURRICULUM VITAE - Prof. SAMAN ATHAUDA

PERSONAL INFORMATION:

FULL NAME ATHAUDA RALALAGE SAMAN BANDARA ATHAUDA

ADDRESS Professor
Aquaculture & Fisheries
Department of Animal Science (**Office**)
Faculty of Agriculture
University of Peradeniya
Peradeniya- Sri Lanka
(Mobile: +94 71 4430488, Office: +94 812396019)

311/35, River Place Gardens (**Residence**)
Waratenna, Halloluwa
Sri Lanka (+94 81 2385478)

DATE OF BIRTH 05th March 1965

NATIONALITY Sri Lankan

SEX Male

SCHOOL Ananda College, Colombo

CIVIL STATUS Married with three children

Google Citation: <https://scholar.google.com/citations?user=NUYoJ60AAAAJ&hl=en>
Facebook: <https://www.facebook.com/saman.athauda.5>

EDUCATIONAL QUALIFICATIONS:

Ph.D. - Doctor of Philosophy
School of Marine Biology and Aquaculture
James Cook University, Townsville, QLD 4811
AUSTRALIA.

M.Sc. - Master of Science in Aquaculture (CGPA-**3.79/4**)
Asian Institute of Technology
Pathumthani, 12120, **THAILAND.**

B.Sc. (sp) Hons.- Bachelor of Science in Agriculture
2nd Class Upper Division
University of Peradeniya, Peradeniya 20400, **SRI LANKA.**

Recipient of the NRC Merit Award for Scientific Publication -**2014**

Recipient of the NRC Merit Award for Scientific Publication -**2012**

Recipient of the **MASHAV** Scholarship offered by Israel's Agency for International Development Cooperation, Ministry of Foreign Affairs.

International Postgraduate Programme on Aquaculture: Production & Management in the Hebrew University of Jerusalem, State of Israel. (**December 2010 - January 2011**)

Recipient of Scholarship offered by the **NFP** to follow diploma course on **Fisheries Management** in the Wageningen University, The Netherlands. (**October - November 2006**)

Recipient of the Postgraduate Technological Study (**PTS**) Scholarship offered by the European Commission- **EU** for **best performing PG students of AIT** to studied in the Aquaculture and Fisheries Research Institutes in Spain (**CSIC**, Torre La Sal, Castellon) and France (**IFREMER**, Palavas). (**January – April 2000**)

PROFESSIONAL QUALIFICATIONS:

Trainings: Training on “Aquatic Resources Conservation and Green Aquaculture for Lancang-Mekong Countries” sponsored by the Office of Fisheries Law Enforcement for Yangtze River Basin, Ministry of Agriculture and Rural Affairs of the People's Republic of China. (**13th - 17th, Dec.2021** in Wuxi, the People's Republic of China via Zoom)

Training on “Small and Terrible Significant Bacterial Diseases in Aquaculture” conducted by the Fish Health Section, Asian Fisheries Society virtually on 8th **December 2021** in Bangkok, Thailand.

Training on “Evaluation process for the doctoral program candidate's applications” received to the University of Rovira i Virgili, Barcelona, Spain 2021 under the MSCA MFP-COFUND, European Union on 29th **November, 2021**.

Training on Aquaculture: Production and Management
Hebrew University of Jerusalem,
State of Israel (**December 2010 - January 2011**)

Training on Fisheries Management at Wageningen University
The Netherlands (**October – November 2006**)

Training on Radiation Safety in Laboratories
Workplace Health and Safety Division
James Cook University, QLD 4810
Australia (**September 2001**)

Postgraduate Training Studies (PTS)
National Institute of Aquaculture (CSIC), Torre La Sal, Castellon
Spain (**January – April 2000**)

Postgraduate Training Study (PTS)
IFREMER (Aquaculture Experimental Station)
Palavas, France (**January 2000**)

Works Experiences:

Member of the University Admission Committee
University of Peradeniya, Peradeniya,
Sri Lanka. (**Nov. 2021 to date**)

Member of the Steering Committee on Fisheries & Aquaculture
National Science Foundation (NSF)
Ministry of Science, Technology and Research
Colombo, Sri Lanka. (**October, 2021- August, 2022**)

Head/ Department of Animal Science
Faculty of Agriculture
University of Peradeniya
Sri Lanka. (**June, 2018 – January, 2020**)

Senior Student Counselor
Faculty of Agriculture
University of Peradeniya
Sri Lanka. (**2019**)

Senior Student Counselor
Faculty of Agriculture
University of Peradeniya
Sri Lanka. (**2018**)

Acting Head/ Department of Animal Science
Faculty of Agriculture
University of Peradeniya
Sri Lanka. (**March – May, 2018**)

Member of the Curriculum Development Committee

Faculty of Agriculture
University of Peradeniya
Sri Lanka. (2018 to date)

Conference Chair

International Conference on Fisheries & Aquaculture (ICFA)-2017
Colombo, Sri Lanka. (24th – 25th August in Colombo)

Chairman

Board of Study in Animal Science

Postgraduate Institute of Agriculture (PGIA)
University of Peradeniya
Sri Lanka. (September, 2017- January, 2019)

Coordinator for Aquatic Resources Management & Aquaculture Program

Post- Graduate Institute of Agriculture (PGIA)
University of Peradeniya
Sri Lanka. (2013 - 2021)

Member of the Board of Study in Animal Science

Post- Graduate Institute of Agriculture (PGIA)
University of Peradeniya
Sri Lanka. (2013 – 2015; 2016 – 2018; 2019 – 2021)

Member of National Committee on Agricultural Biotechnology

Sri Lanka Council for Agricultural Research Policy (SLCARP)
(Statutory Institute of the Ministry of Agriculture- Sri Lanka)
114/9, Wijerama Mawatha, Colombo 07.
(09 Years: 2011 - 2013; 2015 - 2017- ; 2018 - 2020)

Member of Programme Advisory Committee (PAC) of Agriculture & Food Science

Sri Lanka Institute of Advance Technological Education (SLIATE)
Ministry of Higher Education, No. 20, Ward Place, Colombo 07.
(03 Years: 2010 - 2012)

Life Member of the Sri Lanka Association of Fisheries & Aquatic Resources (SLAFAR)

Life Member of the Sri Lanka Association of Animal Production (SLAAP)

Life Member of the Sri Lanka Organization for Agriculture Professionals (SLOAP)

Reviewer of International Refereed Index (ISI) Journals:

- *Marine Genomics*
- *Biology of Reproduction*
- *Environmental Biology of Fishes*
- *Environmental Sciences*
- *Fish Physiology & Biochemistry*

Reviewer of Peer Reviewed Journals:

- *Tropical Agriculture Research*
- *Tropical Agriculture Research & Extension*

A Chief Examiner of A/L Examination Evaluation (Agriculture)
Department of Examinations, Sri Lanka. **(05 Years: 2012-2017)**

Visiting Lecturer & Examiner (Aquaculture.- 3rd Year)
Faculty of Agricultural Science
Sabaragamuwa University of Sri Lanka, Belihuloya.
(02 Years: 2021- 2022)

Visiting Lecturer & Examiner (Fisheries Tech. & Mgt.- 3rd Year)
Faculty of Agriculture
University of Jaffna, Kilinochchi. **(04 Years: 2013- 2016)**

Visiting Lecturer & Examiner (Fisheries & Aquaculture - 4th Year)
Faculty of Agriculture
Rajarata University of Sri Lanka
Puliyankulama, Anuradhapura **(02 Year: 2011- 2012)**

Deputy Proctor
Faculty of Agriculture
University of Peradeniya
Sri Lanka. **(03 Years: 2009, 2010, 2011)**

Treasurer
Peradeniya University Agriculture Faculty Teachers' Association
(PUATA)
University of Peradeniya **(01Year: 2011-2012)**

Visiting Lecturer & Examiner (Integrated Farming Systems- 3rd Year)
Faculty of Livestock, Fisheries & Food Science
Wayamba University of Sri Lanka
Makandura, Gonawila **(05 Years: 2007- 2011)**

Member of the Consultancy Team for FAO UN I-FLC (Internal Evaluation of Fish Landing Centre) Project funded by Canadian International Development Agency (CIDA)
Sri Lanka. **(April- July 2011)**

**Invited Presenter on Sharing of Scientific Knowledge
Promoting Rural Income from Sustainable Aquaculture through
Social Learning in Sri Lanka**

Project Funded by International Development & Research Centre (IDRC)
Canada. (2010)

National Consultant/Aquaculture Specialist

Education for Knowledge Society Project (EKSP)
(ADB Loan No: 2371 and Grant No: 0091-SRI (SF))
Sri Lanka Institute of Advance Technological Education (SLIATE)
Ministry of Higher Education, No: 20, Ward Place, Colombo 07.
(October 2009 - May 2010)

Resource Person on Applications of Biotechnologies in Fisheries

Training Course on *Applications of Biotechnologies in Livestock and Fisheries* on 22-26 September 2008 at the Faculty of Veterinary Medicine & Animal Science, University of Peradeniya, Sri Lanka and Organized by the Sri Lanka Council for Agricultural Research Policy (CARP), Wijerama Mawatha, Colombo, Sri Lanka. (2008)

Senior Student Counselor

Faculty of Agriculture
University of Peradeniya
Sri Lanka. (2008)

Visiting Lecturer (Elective/Selective Programme)

Faculty of Medicine,
University of Peradeniya,
Peradeniya, Sri Lanka. (2008)

Honorary Secretary

Student Welfare and Advisory Committee (SWAC)
Faculty of Agriculture
University of Peradeniya
Sri Lanka. (2006)

Lecturer and Senior Lecturer in Aquaculture & Fisheries

Department of Animal Science
Faculty of Agriculture, University of Peradeniya
Sri Lanka. (1996 –2005 and 2005 - to date)

Member of the Teaching Panel (Board of Study in Animal Science)

Postgraduate Institute of Agriculture (PGIA)
University of Peradeniya
Sri Lanka. (2001 – to date)

Worked as a Teaching Staff Member

School of Marine Biology & Aquaculture

James Cook University, QLD 4811, Australia. (2002 – 2004)

Worked as a Project Officer

National Hunger Campaign Board, Medawachchiya Office

(North Central Province)

Sri Lanka. (May – September 1995)

Worked as an Assistant Lecturer

Department of Animal Science

Faculty of Agriculture, University of Peradeniya. (1994 – April 1995)

Academic Coordination works:

Program Coordinator- Aquatic Bio-resources Management & Aquaculture Program offered by the Board of Study in Animal Science, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. (Year 2013 – 2021)

Course Coordinator & Teaching Panel Member:

AS 1101: Principles & Practices of Animal Production Course for 1st year B.Sc (Agricultural Technology & Management) Degree offered by University of Peradeniya

Department of Animal Science

Faculty of Agriculture, University of Peradeniya, Sri Lanka

(Year 2005 - 2020)

Course Coordinator & Teaching Panel Member: AS 1201:

Principles of Aquatic Resource Management; AS 4104: Inland &

Marine Fisheries Management; AS 4107: Ornamental Fisheries

Management & Conservation; AS 4111: Farming Systems Course for

B.Sc. (Agricultural Technology & Management) Degree offered by

University of Peradeniya, Department of Animal Science

Faculty of Agriculture, University of Peradeniya, Sri Lanka.

(2014 - to date)

Course Coordinator & Teaching Panel Member: ASF 1103:

Anatomy & Physiology of Fish; ASF 1201: Fish Nutrition; ASF 1202:

Aquatic Plants & Live Feed; ASF 1203: Fish Breeding & Fish Seed

Production; ASF 2101: Marine & Inland Fisheries; ASF 2104: Shrimp

& Prawn Farming; ASF 2103: Ornamental Fisheries Management; ASF

2204: Diseases of Finfish & Shellfish; ASF 3102: Fisheries Resources

Management; AS 4106: Animal Biotechnology Courses in B.Sc.

(Animal Sc. & Fisheries) Degree offered by University of Peradeniya,

Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
(2014 - to date)

Course Coordinator & Teaching Panel Member: (Most of the Postgraduate Courses in Aquatic Bio Resources Management & Aquaculture Programme) under the Board of Study in Animal Science Postgraduate Institute of Agriculture (PGIA)
University of Peradeniya, Sri Lanka.
(2001 - to date)

OFFICIAL POSITIONS IN PROFESSIONAL ORGANIZATIONS: (National)

Executive Committee Member (2021-2022)
Sri Lanka Association of Fisheries and Aquatic Resources (SLAFAR)
University of Kelaniya
Dalugama,
Sri Lanka.

Professional Fellow (Since 04th Sept. 2020)
Sri Lanka Institute for Agriculture (SLIAg)
Audio Visual Centre, Gannoruwa,
Peradeniya,
Sri Lanka.

Member of the Governing Council (2020/2021 & 2022/2023)
Sri Lanka Institute for Agriculture (SLIAg)
Audio Visual Centre, Gannoruwa
Peradeniya,
Sri Lanka.

Vice President (2019/2020)
Sri Lanka Institute for Agriculture (SLIAg)
[Formally Sri Lanka Organization for Agriculture Professionals]
Audio Visual Centre, Gannoruwa
Peradeniya,
Sri Lanka.

Honorary President (2018/2019)
ALUMNI Association of the Faculty of Agriculture (AAFAUP)
University of Peradeniya, Peradeniya,
Sri Lanka.

Honorary Secretary (Acting)
Executive Committee Member (2017/2018)
ALUMNI Association of the Faculty of Agriculture (**AAFAUP**)
University of Peradeniya, Peradeniya,
Sri Lanka.

Executive Committee Member (2018/2019)
Sri Lanka Association of Animal Production (**SLAAP**)
Department of Animal Science
University of Peradeniya, Peradeniya,
Sri Lanka.

Executive Committee Member (2016/2017 and 2017/2018)
Sri Lanka Organization for Agriculture Professionals (**SLOAP**)
(Affiliated Member of the **OPA**)
Audio Visual Centre, Gannoruwa,
Peradeniya,
Sri Lanka.

Honorary President (2012/2013)
Sri Lanka Association of Animal Production (**SLAAP**)
Affiliated Member of the Asian-Australian Association of Animal
Production Societies (**AAAP**), Department of Animal Science,
University of Peradeniya, Peradeniya
Sri Lanka.

Honorary Treasurer (2007/08, 2008/09, 2009/10, 2010/11, 2011/12)
Sri Lanka Association of Animal Production (**SLAAP**)
Affiliated Member of the Asian-Australian Association of Animal
Production Societies (**AAAP**), University of Peradeniya, Peradeniya
Sri Lanka.

Honorary Treasurer (2010 - 2011)
Peradeniya University Agriculture Faculty Teachers' Association
(**PUATA**), University of Peradeniya, Peradeniya
Sri Lanka.

Executive Committee Member & Social Secretary (2012)
ALUMNI Association of the Faculty of Agriculture (**AAFAUP**)
University of Peradeniya, Peradeniya, Sri Lanka.

Executive Committee Member (2008/2009/2010/2011/2012)
Sri Lanka Association of Animal Production (**SLAAP**)
Department of Animal Science
University of Peradeniya, Peradeniya,
Sri Lanka.

EXTRA CURRICULUR ACTIVITIES: (International)

Executive Committee Member

Sri Lanka Tsunami Children's Appeal
Migrant Resource Centre, Townsville – Thuringowa
426, Flinders Street, QLD 4810,
Australia. (2005).

Member of the Chaplaincy

(The Buddhist Representative to Townsville)

James Cook University, Townsville, QLD 4811
Australia (2002 - 2004)

Served as a Mentor in the First Year Orientation Programme

Teaching and Learning Development, Academic Support Division
James Cook University, Townsville, QLD 4811
Australia (2004)

Chairperson, Audit & Accounts Committee

Student Union, Asian Institute of Technology
Bangkok, Thailand (1999)

Member of the General Assembly

Student Union, Asian Institute of Technology (AIT)
Bangkok, 12120, Thailand (1999)

Honorary Treasurer

International Buddhist Association
Asian Institute of Technology (AIT)
Bangkok, 12120, Thailand (1999 –2000)

Honorary Treasurer

Sri Lankan Students' Association
Asian Institute of Technology (AIT)
Bangkok, 12120, Thailand (1999)

CONTRIBUTION TO DISSEMINATION OF KNOWLEDGE- Last five years:

- (i) Representative of the Sri Lanka team attended for the FAO Regional workshop on **Aquaculture Legal Assessment & Revision Tool (ALART)** held from 07th – 10th July, 2021 as a virtual conference via Zoom.
- (ii) Resource person for the consultation workshops held on “**Preparation of Inland Fisheries Development Plan for Moragahakanda & Kaluganga Reservoirs**” at RPM office, Moragahakanda & Bakamuna from 22nd – 23rd July, 2019.

- (iii) Resource person for the workshops conducted on “**Invasive Alien Species**” by Biodiversity Secretariat, Ministry of Mahaweli Development & Environment, Rajamalwatte Road, Battaramulla. **2016 – 2017**.
- (iv) Resource person of the “**Summer Abroad Training Programme on Sustainable Agriculture**” Offered for Students of the University of Tasmania, Australia, conducted in the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya, **2017**.
- (v) Resource person for the residential workshop conducted on “**Sustainable Development of Freshwater Fisheries in Mahaweli Areas**” for the Mahaweli field officers responsible for fisheries and livestock development at Kotmale International Training Institute (KITI) from 22nd and 23rd of September, **2014**.
- (vi) Member of the Editorial Board Convened by the Educational Publication Department on “**Aquaculture and Technology**” for Curriculum Revision of Grade 10 & 11 School Text Books for the year 2015-2022. Ministry of Education, Govt. of Sri Lanka held on 16th September, 02nd October, **2013** and 01st March, 09th June, 23rd July, **2014** at Ministry of Education, Isurupaya , Pelawatta, Battaramulla.
- (vii) Resource person of the “**Summer Abroad Training Programme on Tropical Agriculture**” Offered for Students of the Michigan State University, USA, conducted in the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya, **2014 – to date**.
- (viii) Resource person of the Curriculum Preparation Workshops for the “**Fishing Technology Course**” (NVQ 5 & NVQ 6 Levels) to be introduced for the University of Vocational Technology (UniVoTech), Kandawala Road, Ratmalana, held on three-days at UNIVOTEC, Ministry of Technical & Vocational Education, Govt. of Sri Lanka held in **2013**.
- (ix) Resource person for the Aquaculture & Fisheries discipline of the “**Master in Development Practices**” (MDP) course conducted in the Faculty of Arts, University of Peradeniya. **2013 – 2016**.

RESEARCH INTERESTED FIELDS:

Sex Inversion Studies in Ornamental Fish: Guppy & Gourami.

Sex Inversion Studies in Tilapia & Seabass.

Biotechnological Application on Captive Breeding of Asian Seabass (*Lates calcarifer*) for Aquaculture Purposes in Sri Lanka.

MAJOR RESEARCH DONE- Last five years:

Sex Reversal of Female Dwarf Gourami Using Methyl Testosterone Immersion Technique for Commercial Use. Collaborative project of University of Peradeniya with NAQDA. (2019-2020)

Sex Reversal of Female Guppy Using Methyl Testosterone Immersion Technique for Commercial Use. Collaborative project of University of Peradeniya with NAQDA. (2018-2020)

All Male Tilapia (*Oreochromis niloticus*) Production Using Methyl Testosterone Immersion Technique for Commercial Use. Collaborative project of University of Peradeniya with NAQDA and CIC Agric Businessess. Research Grant from Ministry of Mahaweli Development & Environment, Sri Lanka. (2016 - 2017)

Production of All Male Tilapia (*Oreochromis niloticus*) Population Using Androgenic Steroids (Androstenedione; Methyl Testosterone) Immersion Technique under Sri Lankan Condition. Consultation and Supervision of the Aquaculture Research conducting at CIC Agri Businesses at Pelwehera. Sri Lanka. (2008 – 2017)

RESEARCH PUBLICATIONS:

International Refereed Index Journals (SCI)- Full Paper Publications:

Saman Athauda and Trevor Anderson. 2014. Effect of Temperature and Salinity on Sex Inversion in Asian Seabass (*Lates calcarifer*): Relationship with Plasma Sex Steroids Concentration and Aromatase Activity of Gonad and Brain. *Aquaculture Research*. Vol.45, Issue:05 Pp. 787-797. (First Published in 2012: doi.10.1111/are.12018)

Saman Athauda., Trevor Anderson and Rocky de Nys. 2012. Effect of Rearing Water Temperature on Protandrous Sex Inversion in Cultured Asian Seabass (*Lates calcarifer*). *General and Comparative Endocrinology*. Vol. 175, Issue.03: Pp. 416 – 423.

Bart, A.N., **Athauda, A.R.S.B.,** Fitzpatrick, M.S. and M. Contreras-Sanchez. 2003. Ultrasound Enhanced Immersion Protocols for Masculinization of Nile Tilapia, *Oreochromis niloticus*. *Journal of the World Aquaculture Society*. Vol. 34, No.2: Pp. 210 – 216.

International Refereed Journals- Full Paper Publications- Last five years:

R. Rajeevan, U. Edirisinghe and **A.R.S.B. Athauda. 2021.** Role of giant freshwater prawn (*Macrobrachium rosenbergii*) in livelihoods of the rural fishers of Northern Province of Sri Lanka. **International Journal of Fisheries and Aquatic Studies.** 2021; 1; 9(2): 44-51.

Rajeevan, R., Edirisinghe, U. and **Athauda, A.R.S.B. 2018.** Length-weight relationships and condition factor of giant freshwater prawn, *Macrobrachium rosenbergii* (De Man, 1879) in five perennial reservoirs in Northern Province, Sri Lanka. **International Journal of Fisheries and Aquatic Studies** 2018; 6(5): 283-287.

National Refereed Index Journals- Full Paper Publications- Last five years:

Rajeevan, R., Edirisinghe, U. and **A.R.S.B. Athauda. 2020.** Diversity and Distribution of Fin-fish and Prawn Species Assemblages of the Catch in Five Perennial Reservoirs in Northern Province, Sri Lanka. **Tropical Agricultural Research** Vol. 31 (3): 95-105.

Rajeevan, R., Edirisinghe, U. and **A.R.S.B. Athauda.2019.** Performance of *Macrobrachium rosenbergii* in Perennial Reservoirs: A Comparative Assessment of Fisheries in Five Perennial Reservoirs in the Northern Province of Sri Lanka. **Tropical Agricultural Research** Vol. 30 (3): 69-79.

Veronika. K., Edirisinghe, U., Sivashanthini, K. and **A.R.S.B. Athauda. 2018.** Length- weight Relationships of Four Different Sea Cucumber Species in North-East Coastal Region of Sri Lanka. **Tropical Agricultural Research** Vol. 29 (2): 212-217.

Batuwita, S., Udugampala, S., **Athauda, S.** and U. Edirisinghe. **2016.** Descriptive osteology of fishes referred to the genus *Rasboroides Brittan* (Teleostei: Cyprinidae). **Tropical Agricultural Research** Vol. 27 (4): Pp. 427 – 432.

Veronika, K., Edirisinghe, U., Sivashanthini, K. and **A.R.S.B Athauda. 2015.** Abundance and Diversity of Sea cucumbers in Point Pedro Coastal Waters in Jaffna Peninsula of Sri Lanka. **Tropical Agricultural Research**, Vol. 27 (2): 182 – 189.

**Peer reviewed Presentations at National / International Conferences / Symposia
(Published as full papers)- Last five years**

A. R. Mudalige., C.N. Walpita., **A.R.S.B. Athauda.**, S. J. Perera., P.N. Chandrarathna. **2022.** Initial success of captive breeding and larval rearing of endemic fresh water food fish *Systemus spilurus* (Günther, 1868) in Sri Lanka. *AgInsight 2022*, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, P.O. Box 02, Belihuloya, Sri Lanka. Pp. 245-247.

Edirisinghe, E.P.S.K.K., **Athauda. A.R.S.B.** and A.R. Mudalige. **2020.** Hormonal Sex Reversal of Dwarf Gourami (*Trichogaster lalius*) for Value Addition to the Female. Vol. 12. SLJAP, December. Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. Pp. 22-28.

Athauda, A.R.S.B. and A.R. Mudalige. **2017.** A Novel Technique to produce all Male Tilapia- An efficient solution to a potential problem. National Symposium on Invasive Alien Species (*Full Papers*). GEF/UNDP Project on Strengthening Capacity to Control the Introduction and Spread of Invasive Alien Species (IAS) in Sri Lanka. Biodiversity Secretariat, Ministry of Mahaweli Development & Environment, Sri Lanka.

Conference/Symposium/Research Session Proceedings:

International Conferences-

A.R. Mudalige., C.N. Walpita., S.J. Perera., H.M.U.K.P.B. Herath and **A.R.S.B. Athauda.** **2021.** The First Ever Induced Breeding and Larval Rearing of Critically Endangered, Endemic Freshwater Fish *Labeo lankae*. ICSUSL 2021: *Proceedings of Eighth International Conference of Sabaragamuwa University of Sri Lanka*, 01 - 03 December 2021. Pp. 51.

Rajeevan, R., Edirisinghe, U., Athauda, A.R.S.B. **2018.** Factors Influencing Catching of *Macrobrachium rosenbergii* (DE MAN, 1879): A Case Study of Five Perennial Reservoirs in Northern Province, Sri Lanka. *Book of Abstract: 5th International Conference on Fisheries and Aquaculture (ICFA-2018)*. Colombo, Sri Lanka. Pp.31.

Ganepola, G.A.U.R., **Athauda, A.R.S.B.**, Vidanarachchi, J.K. and S. Premaratne, **2016.** Tank Cleaner Fish Meal (*Pterygoplichthys* spp.) As A Replacement For Commercial Fish Meal in Broiler Chicken Feed. *Book of Abstract: 3rd International Conference on Fisheries and*

Aquaculture (ICFA-2016). 24th-25th August, Negombo, Sri Lanka. Pp.17.

Brintha, S., Vidanarachchi, J.K., Athauda, A.R.S.B. and Gunawardena, M. **2015.** Refining of fish oil from Hilsa (*Tenualosa Ilisha*) fish by-product, (Liquor) available at canned fish industry in Sri Lanka. Proceeding (*Abstract*): **Second International Conference on Agriculture, Aquaculture and Animal Science-2015**, 28-29 December 2015, Colombo, Sri Lanka. Pp. 109.

Vickneswary, K., Athauda, A.R.S.B., Jayawardana, B.C., Mudaligae, A. R. **2015.** Fish meal incorporated fish feed preparation and feeding trials. Proceeding (*Abstract*): **Second International Conference on Agriculture, Aquaculture and Animal Science-2015**, 28-29 December 2015, Colombo, Sri Lanka. Pp. 112.

A.R.S.B. Athauda and D.M.C.R. Kumara. **2015.** Production of All Male Tilapia (*O. niloticus*) by Immersion of Fry in Different Concentrations of 17 α -Methyl Testosterone. *Book of Abstract: 2nd International Conference on Fisheries and Aquaculture (ICFA-2015)*. 25th-26th August, Colombo, Sri Lanka. Pp.10.

National Symposiums- Last five years:

Rajeevan, R., Edirisinghe, U., **Athauda, A.R.S.B. 2019.** Diversity and Distribution of Finfish and Prawn Species Assemblages of the Catch of Five Perennial Reservoirs in Northern Province, Sri Lanka. *Proceedings (Abstract): 31st Annual Congress of the PGIA*, 21-22 November, Amaya Hills Resort, Kandy. Pp. 34.

Withanage, P.M., Eranda, R.K.N., Herath, H.M.U.K.P.B. and **A.R.S.B. Athauda. 2019.** Growth Performance of *Catla catla* fry Fed by Different Formulated Fish Feeds. *Book of Abstracts: Symposium on Sustainable Inland Fisheries and Aquaculture for Food Security and Nutrition*. 30th -31st May, National Inland Fisheries and Aquaculture Training Institute (NIFATI), Vijithapura, Kalawewa, Sri Lanka. Pp.17.

Rajeevan, R., Edirisinghe, U., **Athauda, A.R.S.B. 2018.** Performance of Freshwater Prawn, *Macrobrachium rosenbergii* (De Man, 1879) in Perennial Reservoirs: A Comparative Assessment of Fisheries in Five Perennial Reservoirs in the Northern Province of Sri Lanka. *Proceedings (Abstract): 30th Annual Congress of the PGIA*, 15-16 November, Amaya Hill Hotel, Kandy. Pp.

A.R.S.B. Athauda and A.R. Mudalige. **2017.** Monosex Tilapia Production Using 17 Methyl Testosterone Immersion with Exposure to

Higher Temperature. *Proceedings (Abstract): The National Symposium on Invasive Alien Species*. 20th January, 2017. Waters Egde, Battaramula, Sri Lanka. Pp.15.

National Research Symposiums (University) Last five years:

A.R. Mudalige, C.N. Walpita, **A.R.S.B. Athauda**, S.J. Perera. **2021**. Captive Breeding and Larval Rearing of *Labeo lankae*, *Systemus spilurus*; Critically Endangered and Endemic Freshwater Food Fish Species in Sri Lanka. *Abstract Book ARS 2021:11th Annual Research Session of the Sabaragamuwa University of Sri Lanka*. Pp.11.

Pushpakumara J.W.S., **Athauda A.R.S.B.** and P.M. Withanage. **2021**. Effect of Amino Acids Enriched Live Feed (Rotifer) on the Survival and Growth of Catla (*Catla catla*) Post Larvae. *Proceedings of the 7th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka*. 13th August. Pp.20.

Jayasekara S.W.T.D., **Athauda A.R.S.B.** and P.M. Withanage. **2021**. Growth Performance and Survival Rate of Catla (*Catla catla*) Fry Rearing in a Cage Culture System using Cost Effective Feed. *Proceedings of the 7th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka*. 13th August. Pp.37.

Western R.D.S. and **Athauda A.R.S.B.**. **2021**. Nutritional Requirements for the Improvement of Pigmentation in Ornamental Fish. *Proceedings of the 7th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka*. 13th August. Pp.48.

Withanage V.H.P. and **Athauda A.R.S.B.**. **2021**. Use of Probiotics in Aquaculture – A Review. *Proceedings of the 7th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka*. 13th August. Pp.63.

Rajapaksha R.A.K.G.C.D. and **Athauda A.R.S.B.**. **2021**. An Overview of Effects of Microplastics on Aquatic Species in Coastal and Marine Ecosystems. *Proceedings of the 7th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka*. 13th August. Pp.168.

Edirisinghe E.R.D.K., **Athauda A.R.S.B.** and A.R. Mudalige. **2020**. Effect of Different Concentrations of 17 α -Methyltestosterone on Sex Reversal of Dwarf Gourami. *Proceedings of the 6th Faculty of Agriculture*

Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 16th July. Pp.14.

Jayasinghe, A.M.K., **Athauda, A.R.S.B.** and A.R. Mudalige. **2020.** Identification of Optimum Concentration of 17 α -Methyltestosterone Hormone on Sex Reversal of Guppy. *Proceedings of the 6th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 16th July. Pp.32.*

Aara N.N., **Athauda A.R.S.B.** and A.R. Mudalige. **2019.** Effect of Beetroot, Carrot and Pumpkin Extracts on Colour Intensity of Male Guppy. *Proceedings of the 5th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 21st February. Pp.24.*

Jayasundara R.D.H.K.L.K., **Athauda A.R.S.B.** and A.R. Mudalige. **2019.** Effect of Different Concentrations of 17 α -Methyltestosterone Hormone on Sex Reversal of Guppy. *Proceedings of the 5th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 21st February. Pp.26.*

Pramoth N., **Athauda A.R.S.B.** and P.M. Withanage. **2019.** Effect of Differently Enriched Live Feed on Nursery Stage Goldfish (*Carassius auratus*). *Proceedings of the 5th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 21st February. Pp.37.*

Jayaweera M.M.R.U., **Athauda A.R.S.B.** and A.R. Mudalige. **2019.** Comparison of Growth Performance of Hormonal Treated GIFT (*Oreochromis niloticus*) and Blue Tilapia (*Oreochromis aureus*) with Normal Blue Tilapia and Blue X GIFT Cross (Hybrid). *Proceedings of the 5th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 21st February. Pp.81.*

Eranda R.K.N., **Athauda A.R.S.B.** and P.M. Withanage. **2019.** Development of a Commercial Feed for *Catla catla* Fry. *Proceedings of the 5th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 21st February. Pp.92.*

Senavirathna W.G.N., **Athauda A.R.S.B.** and P.M. Withanage. **2018.** Effect of Replacement of Imported Fishmeal by Poultry by-product Meal in Rearing Stage of Mrigal (*Cirrhinus mrigala*) Fry. *Proceedings of the 4th Faculty of Agriculture Undergraduate Research Symposium*

(FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka. 12th January. Pp. 36.

Madusankha W.A.N., **Athauda A.R.S.B.** and P.M. Withanage. **2018.** Effect of Replacement of Fishmeal by Broiler by-product Meal in Rearing Stage of Genetically Improved Farmed Tilapia (GIFT) Diet. *Proceedings of the 4th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.* 12th January. Pp. 35.

Herath H.M.U.L., **Athauda A.R.S.B.** and S. Thiruchenduran. **2018.** Rapid Method of Chitosan Extraction from Mud Crab (*Scylla serrata*) Shell Waste vis Microwave Irradiation. *Proceedings of the 4th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.* 12th January. Pp. 116.

Makevita M.A.D.T.V., **Athauda A.R.S.B.** and V. Pahalawattaarachchi. **2018.** Development of *in vitro* Sterilization Procedure for Java Fern (*Microsorium pteropus*). *Proceedings of the 4th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.* 12th January. Pp. 91.

Ilanakoon I.M.C.N., **Athauda A.R.S.B.** and S. Thiruchenduran. **2018.** Low cost method of Chitosan Extraction from Shrimp Shell Waste (*Penaeus monodon*) at Room Temperature. *Proceedings of the 4th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.* 12th January. Pp. 161.

Kumarasinghe D. R., **Athauda A. R. S .B.**, Ajith Kumara P.A.D. and R. Weerasinghe. **2018.** Effects of Brewer's Yeast Powder on Growth Performance of Juvenile Sea Cucumber (*Holothuria scabra*). *Proceedings of the 4th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.* 12th January. Pp. 40.

Wanigasooriya A.W.A.P.M., **Athauda A.R.S.B.** and V.Pahalawattaarachchi. **2018.** Impact of Different Materials and Environmental Factors for Oyster Spat Collection by Use of Different Collectors. *Proceedings of the 4th Faculty of Agriculture Undergraduate Research Symposium (FAuRS) held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.* 12th January. Pp.159.

Chapters of Books:

Saman Athauda and Nimal Chandraratna. **2020**. *Fisheries Sector Contribution for Sustainable Food System: Past, Present, and Future*. In: Agricultural Research for Sustainable Food Systems in Sri Lanka (Eds: Marambe. B., Weerahewa, J. and Dandeniya, W.S.) DOI 10.1007/978-981-15-2152-2_14© **Springer Nature** Singapore Pte Ltd. Pp. 333-349.

Buddhi Marambe, Pradeepa Silva and **Saman Athauda**. **2017**. *Agriculture and Rural Development Under Central Government and Provincial Council Setup in Sri Lanka*. In: Decentralization and Development of Sri Lanka within a Unitary State (Eds: N.S. Cooray and S. Abeyratne), DOI 10.1007/978-981-10-4259-1_6© **Springer Nature** Singapore Pte Ltd. Pp. 111-144.

Saman Athauda. **2010**. *Is Tilapia becoming an Invasive fish in Sri Lanka*. In: Invasive Alien Species- Strengthening Capacity to Control Introduction and Spread in Sri Lanka (Eds: Marambe, B., Silva, P., Wijesundara, S. and Atapattu, N.) **Biodiversity Secretariat** of the Ministry of Environment, Sri Lanka. Pp. 127-130.

D.K.N.G. Pushpakumara, R.O.Thattil, B. Marambe, G.L.L.P. Silva, **A.R.S.B. Athauda** and D. Weerakoon. **2010**. *A Conceptual framework for quantitative assessment of alien species in Sri Lanka*. In: Invasive Alien Species- Strengthening Capacity to Control Introduction and Spread in Sri Lanka (Eds: Marambe, B., Silva, P., Wijesundara, S. and Atapattu, N.) **Biodiversity Secretariat** of the Ministry of Environment, Sri Lanka. Pp. 87-94.

Policy Brief: **Saman Athauda**, Jeevika Weerahewa, Itziar Gonzales, Maree Bouterakos and Yukitsugu Yanoma. **2019**. *The Unlocked Potential of Inland Fish to Contribute to Improve Nutrition in Sri Lanka*. **Food and Agriculture Organization (FAO)** of the United Nations, Rome. (Available under CC BY-NC-SA 3.0 IGO license)

Short Communication: **Saman Athauda**, **2021**. *Fisheries in Cascade Reservoir Systems*. In: “Ellanga” (Cascade Reservoir Systems based Villages in Sri Lanka). (Eds: Jayaweera, A., & Weerahewa, J.). University of Peradeniya, Peradeniya, Sri Lanka. (ISBN 978-624-5709-00-7): Pp. 19-20.

REFEREES:

Prof. Buddhi Marambe
Senior Professor
Department of Crop Science
Faculty of Agriculture
University of Peradeniya
Peradeniya
SRI LANKA.

Email: bmarambe@yahoo.com
Phone: +94 714460904

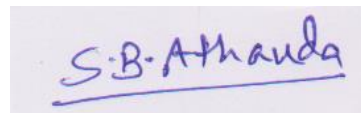
Prof. Dean Jerry
Professor of Aquaculture
Associate Dean
College of Marine & Environmental Sciences
James Cook University
Townsville, QLD 4811
AUSTRALIA.

Email: dean.jerry@jcu.edu.au
Phone: +61 7 4781 5586
Fax: +61 7 4781 4585

Prof. Amrit N. Bart
Professor
Department of Animal & Dairy Sciences
Associate Dean
College of Agricultural & Environmental Sciences
University of Georgia
Athens, GA 30602
USA.

Email: abart@uga.edu
Phone: +01 706-542-5607
Fax: +01 706-583-8120

I hereby certify that the above particulars furnished by me in this curriculum vitae are true and accurate to the best of my knowledge.



Date: 04th October, 2022

.....
Prof. A.R.S.B. Athauda