
Senal A. Weerasooriya



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Faculty of Agriculture, Peradeniya, Sri Lanka

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1. Personal Information

Full Name: Senal Alexander Weerasooriya

Date and Place of Birth: 01st of September 1983, Fukuoka, Japan

Nationality/Citizenship: Sri Lankan

Gender: Male

Civil Status: Married

2. Work Experience

2.1. Current Position:

- ✓ Senior Lecturer, Department of Agricultural Economics and Business Management, Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka (14th May 2017 to Present).

2.2. Visiting Positions:

- ✓ Visiting Lecturer, Post Graduate Institute of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka (2018 to Present).
- ✓ Visiting Lecturer, Department of Agricultural Technology, Faculty of Technology, University of Colombo, Colombo, Sri Lanka (2019).

2.3. Positions Held:

- ✓ Lecturer, Department of Agricultural Economics and Business Management, Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka (14th May 2012 to 13th May 2017).
 - ✓ D. Barton DeLoach Distinguished Graduate Research Fellow, Department of Applied Economics, Oregon State University, Corvallis, USA (1st October 2016 to 30th June 2017).
 - ✓ Graduate Teaching Assistant, Department of Applied Economics, Oregon State University, Corvallis, USA (1st October 2013 to 30th June 2016).
 - ✓ Graduate Research Assistant, Department of Applied Economics, Oregon State University, Corvallis, USA (1st October 2011 to 15th June 2013).
 - ✓ Assistant Lecturer, Department of Agricultural Economics and Business Management, Faculty of Agriculture, University of Peradeniya, Peradeniya, SRI LANKA (6th May 2009 to 31st August 2011).
 - ✓ Research Assistant, Development and Need Assessment in North and East Rehabilitation, Project Coordinated by the Agribusiness Center, Faculty of Agriculture, Peradeniya and FLICT/GTZ Sri Lanka (2009 to 2010).
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3. Professional Information

3.1. Educational Background:

- ✓ 2013 – 2017 Ph.D. in Applied Economics, Oregon State University, Corvallis, USA (Concentration: Trade and Development and Resource and Environmental Economics with an Option in Statistics).
- ✓ 2011 – 2013 MS in Applied Economics (FGPA: 3.97), Oregon State University, Corvallis, USA (Concentration: Trade and Development).
- ✓ 2009 - 2011 MS in Agricultural Economics (FGPA: 3.76), Post Graduate Institute of Agriculture, University of Peradeniya, Sri Lanka.
- ✓ 2005 - 2009 BS in Agricultural Technology and Management (FGPA: 3.91), Faculty of Agriculture, University of Peradeniya, Sri Lanka (Major: Agricultural Economics and Business Management).
- ✓ 1989 - 2002 Richmond College, Galle, Sri Lanka.

3.2. Prizes and Awards:

- ✓ D. Barton DeLoach Distinguished Graduate Fellowship in Economics for Outstanding Graduate Student in the Program at the Oregon State University.
- ✓ Eric Englund Memorial Postgraduate Scholarship for Excellence in Graduate Studies at the Oregon State University.
- ✓ Membership of Phi Kappa Phi Honorary Society for Excellence in Graduate Studies at the Oregon State University.
- ✓ Gold Medal for the Best Performance in Agricultural Economics and Business Management in the Core Program of the B.Sc. Agriculture Degree.
- ✓ Gold Medal for the Most Outstanding Performance in Agricultural Economics and Business Management.
- ✓ Gold Medal for the Best Performer in the Subject “Principles of Agribusiness Management” (AEC 2202).
- ✓ Golden Jubilee Gold Medal for the Most Outstanding Performance in the Core Program of the B.Sc. Agriculture Curriculum.
- ✓ Professor T. Jogarathnam Gold Medal for the Best Performance in Agricultural Economics and Business Management.
- ✓ E.M.R.B. Ekanayake Memorial Prize in Agriculture for the Best Overall Performance at the Final Examination in Agriculture.
- ✓ Ananda Amerasinghe Memorial Prize for the Best Performance at the Examinations Held during the Advanced Program in Agriculture.
- ✓ R.R. Appadurai Memorial Scholarship for the Best Performance at the Examinations Held during the Core Program in Agriculture.
- ✓ Upali Ekanayake Memorial Prize for the Highest Marks in all Courses Offered in Entomology in the Core Program.
- ✓ S.F.H. Perera Memorial Prize for the Greatest Competence at the Fourth Year Examinations.
- ✓ C de S.W. Siriwardena Scholarship for the Best Performance at the Farm Practice Course in the Third Year.
- ✓ Kundanmal Scholarship for Meritorious Performance at the Second Year Examinations in Agriculture.
- ✓ University Scholarship for the Best Performance at the First Year Examinations in Agriculture.

3.3. Additional Qualifications:

- ✓ Diploma in Computer Hardware Engineering
- ✓ Advanced Diploma in Photography
- ✓ International Computer Driving License
- ✓ Professional Diploma in Graphic Designing and Creative Designing
- ✓ Experience with STATA, R, MATHLAB, GAMS and Arc GIS

3.4. Extra-Curricular Achievements:

- ✓ Qualified in Royal School of Music Examinations up to Grade 8 (1993 – 2002)
 - ✓ Member of the Schools Senior and Junior Choir (1993 – 2002)
 - ✓ Member of the Schools Senior Poetic Drama Society (1999 – 2002)
 - ✓ Vice President and Co-Editor of the Agriculture Faculty English Literary Association (2007 – 2008)
 - ✓ Vice President of the Agriculture Faculty Management Science Society (2007 – 2008)
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4. Research and Professional Work

ResearchGate Profile: tinyurl.com/2zn9m6ck

Google Scholar Profile: tinyurl.com/bpxfbb39

ORCID: tinyurl.com/yejumjfa

4.1. Research Interests:

- ✓ Quantitative Policy Analysis
- ✓ Trade and Development
- ✓ Applied General Equilibrium Modeling
- ✓ Applied Econometrics

4.2. Peer-Reviewed Publications:

- 1) Dayananda D., J. Weerahewa and S.A. Weerasooriya (2023), Resource-Use Efficiency and Environmental Sustainability in the Village Tank Cascade Systems in the Dry Zone of Sri Lanka: An Assessment using a Bio-Economic Model, *Frontiers in Sustainable Food Systems*, 7: 1-15.
- 2) Ranasinghe R.D.A.K., P.M. Korale-Gedara and S.A. Weerasooriya (2023), Climate Change Adaptation and Adaptive Capacities of Dairy Farmers: Evidence from Village Tank Cascade Systems in Sri Lanka, *Agricultural Systems*, 206: 1-11.
- 3) Mufeeth, M., S.A. Weerasooriya and J. Weerahewa (2022), Assessing the Degree of Market Power in the Rice Milling Industry of Sri Lanka: An Application of the NEIO Approach, *Studies in Microeconomics*, 1-20.
- 4) Sahibzada S., D. Hemachandra, S.A. Weerasooriya and J. Weerahewa (2021), Comparative Advantage and Policy Support for Edible Oils in South Asian Countries: A Policy Analysis Matrix, *Tropical Agricultural Research*, 32(4): 488-502.
- 5) Swarnathilake C. and S.A. Weerasooriya (2021), Economy-wide Impacts of Agricultural Policy Reforms: A Computable General Equilibrium (CGE) Analysis for Sri Lanka, *Tropical Agricultural Research*, 32(4): 390-408.
- 6) Dayananda D., J. Weerahewa and S.A. Weerasooriya (2021), Water Availability, Crop Choices and Profitability of Farming: A Case Study of Mahakanumulla Tank Village, *Tropical Agricultural Research*, 32(1): 81-94.
- 7) Yogarajah V. and S.A. Weerasooriya (2020), Associated Farm and Farmer-Specific Factors for Climate-Smart Agriculture Adaptation in the Dry Zone: A Case from Vavuniya, Sri Lanka. *Sri Lankan Journal of Agricultural Economics*, 21(1): 69-91.
- 8) Sahibzada S., D. Hemachandra, S.A. Weerasooriya and J. Weerahewa (2020), Trends and Patterns of Processed Food Exports from South Asia: An Analysis of Product and Market Diversification. *Tropical Agricultural Research*, 31(4): 65-90.
- 9) Sandaruwan K.P.G.L., S.A. Weerasooriya and J. Weerahewa (2020), Effects of Non-Tariff Measures on Seafood Exports from Sri Lanka: A Gravity Approach. *Tropical Agricultural Research*, 31(3): 11-24.
- 10) Weerasooriya S.A. and J.J. Reimer (2020), Rural Versus Urban Areas and the Supplemental Nutrition Assistance Program. *Agricultural and Resource Economics Review* 49(3): 538-557.
- 11) Sandaruwan K.P.G.L. and S.A. Weerasooriya (2019), Non-Tariff Measures and Sustainable Development: The Case of the European Union Import Ban on Seafood from Sri Lanka, UNCTAD/ESCAP-ARTNeT, Working Paper Series, No. 185, Bangkok, Thailand.
- 12) Reimer J.J. and S.A. Weerasooriya (2019), Macroeconomic Impacts of U.S. Farm and Nutrition Programs, *Journal of Agricultural and Resource Economics* 44(3): 624-645.
- 13) Reimer J.J., S.A. Weerasooriya and T.T. West (2015), How Does the Supplemental Nutrition Assistance Program Affect the United States Economy, *Agricultural and Resource Economics Review* 44(3): 233-252.

4.3. Book Chapters:

- 1) Weerasooriya S.A. (2022), Analyzing Trade Facilitation using Gravity Models. In "Agricultural Policy Analysis: Concepts and Tools for Emerging Economies". Edited by J. Weerahewa and A. Jacque. Springer, Singapore.
- 2) Weerasooriya S.A. and D. Hemachandra (2020), Empirical Applications of Theory of Firm in Agriculture Research in Sri Lanka: A Review of the Literature. In "Agricultural Research for Sustainable Food Systems

in Sri Lanka Volume 2: A Pursuit for Advancements”. Edited by R.P. De Silva, G. Pushpakumara, P. Prasada and J. Weerahewa. Springer, Singapore.

4.4. Research (Ongoing):

- 1) Waidyaratne, R.G.I.C., S.A. Weerasooriya, P.M. Korale Gedara and T. Perera (2023), Impact of Household Income on Household Food Waste Behaviour in the World: Meta-Analysis
- 2) Herath H.M.N.G.H.P. and S.A. Weerasooriya (2023), Determinants of Online Buying Behavior of Food among Undergraduates through Food Delivery Apps.
- 3) Nayanathara, N., D. Hemachandra and S.A. Weerasooriya (2023), Sustainable Vegetable Supply Chains for Improving Nutrition and Livelihoods: A Case of Mahakanumulla Village Tank Cascade System in Sri Lanka
- 4) Sahibzada S., D. Hemachandra, S.A. Weerasooriya and J. Weerahewa (2023), Do Technical and Non-Technical Non-Tariff Measures Affect International Trade? Evidence from South Asia Fruit Exports.
- 5) Sahibzada S., D. Hemachandra, S.A. Weerasooriya and J. Weerahewa (2023), Export Competitiveness of Processed Food in South Asia.
- 6) Fernando W.A.M., S.A. Weerasooriya and K.A.S.S. Kodithuwakku (2023), Effect of Emotional Intelligence on Job Satisfaction: A Case Study from a Leading Call Center in Sri Lanka.
- 7) Silva P.S.H., J. Weerahewa and S.A. Weerasooriya (2023), Community Perception of Property Rights and Incompatibility between De-jure and De-Facto Rights: A Case Study from a Dry-Zone Village Tank Cascade System.
- 8) Savindya G.K.O., J. Weerahewa and S.A. Weerasooriya (2023), Characterization of Intergenerational Social Mobility in a Rural Village: A Case Study from a Dry-Zone Village Tank Cascade System.
- 9) Wanasinghe W.M.T.N. and S.A. Weerasooriya (2023), Estimating the Effect of Crop Insurance on Input Usage among Paddy Farmers: A Case from *Horowpathana*.

4.5. Peer-Selected Presentations at Professional Conferences/Meetings:

4.5.1. International:

- 1) Kirupthika, J. and S.A. Weerasooriya (2022), Determinants of the Catch-Rate of Inland Fisheries: A Case from the Periyamaduru Tank, Paper Presented at the South-East Asian Conference on Small Scale Fisheries and Aquaculture, Sri Lanka Forum for Small Scale Fisheries, Colombo, Sri Lanka.
 - 2) Weerahewa J., D.K.N.G. Pushpakumara, S.A. Weerasooriya, N.D.K. Dayawansa and P.B. Dharmasena (2019), Sustainability of Village Tank Cascade Systems in the Dry Zone of Sri Lanka: A Systematic Review, Paper Presented at the Association for Tropical Biology and Conservation Asia Pacific Conference, Thulhiriya, Sri Lanka.
 - 3) Weerasooriya S.A. and J.J. Reimer (2017), Macroeconomic Implications of the U.S. Farm Bill: A Comparison of Two Programs, Paper Presented at the Western Agricultural Economics Association Annual Meeting, Lake Tahoe, Nevada, USA.
 - 4) Weerasooriya S.A. and J.J. Reimer (2017), Differential Impacts of the Supplemental Nutrition Assistance Program Across Rural and Urban Areas, Paper Presented at the Western Agricultural Economics Association Annual Meeting, Lake Tahoe, Nevada, USA.
 - 5) Weerasooriya S.A. and J.J. Reimer (2017), General Equilibrium Analysis of the Farm Bill: Food versus Farm Subsidies, Paper Presented at the 20th Annual Conference on Global Economic Analysis, West Lafayette, Indiana, USA.
 - 6) Weerasooriya S.A. and J.J. Reimer (2016), General Equilibrium Analysis of the Farm Bill, Paper Presented at the Agricultural and Applied Economics Association Annual Meeting, Boston, Massachusetts, USA.
 - 7) Weerasooriya S.A. and J.J. Reimer (2016), Distributional Impact of the Supplemental Nutrition Assistance Program in Oregon, Paper Presented at the Agricultural and Applied Economics Association Annual Meeting, Boston, Massachusetts, USA.
 - 8) Weerasooriya S.A. and J.J. Reimer (2015), Distributional Effects of the Farm Bill: Nutrition Assistance versus Farm Programs, Paper Presented at the 62nd Annual Meeting of the North American Regional Science Association, Portland, Oregon, USA.
 - 9) Weerasooriya S.A., J.J. Reimer and K. Ralston (2014), Effects of the Supplemental Nutrition Assistance Program on Rural and Urban Areas in Oregon, Paper Presented at the 61st Annual Meeting of the North American Regional Science Association, Bethesda, Maryland, USA.
 - 10) Weerasooriya S.A., J. Weerahewa and K.A.S.S. Kodithuwakku (2010), Global Food Crisis and the Sri Lankan Economy: An Analysis of Price Transmission and Food Consumption Patterns During 2005-2009,
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Paper Presented at the International Conference on Food Security in the Arab Countries: New Challenges and Opportunities in the context of Price Volatility, Muscat, Oman.

- 11) Weerasooriya S.A. and J. Weerahewa (2010), Agricultural Export Diversification and Competitiveness in South Asia, Paper Presented at the UNCTAD/ESCAP-ARTNeT Conference on Trade Diversification in the Context of Global Challenges, Economic Research Institute for Trade, Vientiane, Lao PDR.

4.5.2. National:

- 1) Silva P.S.H., D. Hemachandra and S.A. Weerasooriya (2023), Socio-Economic Determinants of Paddy Land Succession Planning of Current Operators, Paper Presented at the 16th Annual Research Forum of Sri Lankan Agricultural Economics Association, Institute of Policy Studies, Colombo, Sri Lanka.
 - 2) Herath H.M.T.R., J. Weerahewa and S.A. Weerasooriya (2023), Testing the Presence of Pollution Haven Hypothesis in Global Tobacco Export, Paper Presented at the 16th Annual Research Forum of Sri Lankan Agricultural Economics Association, Institute of Policy Studies, Colombo, Sri Lanka.
 - 3) Silva P.S.H. and S.A. Weerasooriya (2022), Effect of Socio-Economic and Institutional Factors on the Choice of Food Production System Practiced in Home Gardens, Paper Presented at the 34th Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 4) Waidyaratne R.G.I.C., S.A. Weerasooriya, P.M. Korale Gedara and T. Perera (2022), Household Food Waste Behaviour in the Western Province of Sri Lanka: A Preliminary Study, Paper Presented at the 34th Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 5) Wickramasinghe W.M.D.A.K. and S.A. Weerasooriya (2022), Overcoming the Digital Barrier among the Elderly Population for Mobile Banking Services in Sri Lanka, Paper Presented at the 34th Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 6) Ranasinghe R.D.A.K., P.M. Korale Gedara and S.A. Weerasooriya (2022), Climate Change Adaptation and Adaptive Capacity of Dairy Farmers in Dry Zone Cascade Systems in Sri Lanka. Paper Presented at the 15th Annual Research Forum of Sri Lankan Agricultural Economics Association, Uva Wellassa University, Badulla, Sri Lanka.
 - 7) Udagedara G.H. and S.A. Weerasooriya (2022), Effect of Non-Tariff Measures on the Spice Exports of Sri Lanka: A Gravity Approach. Paper Presented at the 15th Annual Research Forum of Sri Lankan Agricultural Economics Association, Uva Wellassa University, Badulla, Sri Lanka.
 - 8) Kirupthika J. and S.A. Weerasooriya (2022), Key Factors Affecting the Catch Rate of Inland Fisheries: A Case from the Periyamadu Tank, Paper Presented at the 15th Annual Research Forum of Sri Lankan Agricultural Economics Association, Uva Wellassa University, Badulla, Sri Lanka.
 - 9) Udagedara G.H. and S.A. Weerasooriya (2022), Effect of Non-Tariff Measures on the Spice Exports of Sri Lanka: A Gravity Approach. Paper Presented at the 4th International Conference of Agricultural Sciences (AgInsight 2022), Sabaragamuwa University of Sri Lanka, Belihuloya, Sri Lanka.
 - 10) Edwin E.S., S.A. Weerasooriya and P.M. Korale-Gedara (2022), Dietary Diversity, its Determinants, and Association with Malnutrition; Analysis across the Children in the Resettlement Areas in Jaffna District. Paper Presented at the Annual Scientific Sessions of the Nutrition Society of Sri Lanka, Colombo, Sri Lanka.
 - 11) Mufeeth M., S.A. Weerasooriya and J. Weerahewa (2021), Estimating the Degree of Market Power of Rice Milling Industry in Sri Lanka. Paper Presented at the Peradeniya University International Research Sessions (iPURSE 2021), University of Peradeniya, Sri Lanka.
 - 12) Herath H.M.N.G.H.P. and S.A. Weerasooriya (2021), Determinants of Online Buying Behavior of Food among Undergraduates through Food Delivery Apps. Paper Presented at the Peradeniya University International Management Research Sessions (iPUMSE – 2021), Faculty of Management, University of Peradeniya, Sri Lanka.
 - 13) Silva P.S.H., S.A. Weerasooriya and A. Jayaweera (2021), A Systematic Review of Literature on Dry Zone Home Gardens in Sri Lanka. Paper Presented at the Conference on Cascade Ecology and Management, Faculty of Agriculture, Peradeniya, Sri Lanka.
 - 14) Fernando W.W.M.J., S.A. Weerasooriya and P.S.H. Silva (2021), Recycling and Disposal of Agrochemical Waste: A Sustainable Model for an Agrarian Village, Paper Presented at the Conference on Cascade Ecology and Management, Faculty of Agriculture, Peradeniya, Sri Lanka.
 - 15) Kirupthika J. and S.A. Weerasooriya (2021), Factors Affecting the Catch Rate of Inland Fisheries: A Case from the *Periyamadu* Tank, Paper Presented at the Conference on Cascade Ecology and Management, Faculty of Agriculture, Peradeniya, Sri Lanka.
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- 16) Dayananda D., J. Weerahewa and S.A. Weerasooriya (2021), An Evaluation of the Profitability and Environmental Sustainability of Cascade Systems under Various Technological and Market Interventions: A Case Study in Mahakanumulla, Paper Presented at the Conference on Cascade Ecology and Management, Faculty of Agriculture, Peradeniya, Sri Lanka.
 - 17) Silva P.S.H., J. Weerahewa and S.A. Weerasooriya (2021), Community Perception of Property Rights and Incompatibility between De-jure and De-Facto Rights: A Case Study from a Dry-Zone Village Tank Cascade System. Paper Presented at the 14th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 18) Savindya G.K.O., J. Weerahewa and S.A. Weerasooriya (2021), Characterization of Intergenerational Social Mobility in a Rural Village: A Case Study from a Dry-Zone Village Tank Cascade System. Paper Presented at the 14th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 19) Fernando W.A.M., S.A. Weerasooriya and K.A.S.S. Kodithuwakku (2020), Effect of Emotional Intelligence on Job Satisfaction: A Case Study from a Leading Call Centre in Sri Lanka, Paper Presented at the 32nd Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 20) Sahibzada S., D. Hemachandra, S.A. Weerasooriya and J. Weerahewa (2020), Comparative Advantage of Edible Oil Production in South Asia: An Assessment using the Policy Analysis Matrix, Paper Presented at the 32nd Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 21) Swarnathilake C. and S.A. Weerasooriya (2020), Economy-wide Impacts of Agricultural Policies: A Computable General Equilibrium (CGE) Analysis of Sri Lanka, Paper Presented at the 32nd Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 22) Dayananda D., J. Weerahewa and S.A. Weerasooriya (2020), Water Availability, Crop Choices and Profitability of Farming: A Case Study of *Mahakanumulla* Tank Village, Paper Presented at the 32nd Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 23) Weerasooriya S.A. and C. Swarnathilake (2020), Building a Multi-Sector, Multi-Household Computable General Equilibrium (CGE) model for Sri Lanka, Paper Presented at the 13th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 24) Sahibzada S., D. Hemachandra, S.A. Weerasooriya and J. Weerahewa (2020), Comparative Advantage of Processed Food in South Asia: An Analysis of Domestic Resource Cost Ratios (DRC), Paper Presented at the 13th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 25) Dayananda D., M.R.C.P. Wickramasinghe, C. Basnayaka, D.K.N.G. Pushpakumara, N.D.K. Dayawansa, S.A. Weerasooriya, and J. Weerahewa (2020), A Systematic Review of Socio-Economic, Hydrological and Ecological Studies on Village Tank Cascade Systems of Sri Lanka, Paper Presented at the 13th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 26) Sandaruwan K.P.G.L., S.A. Weerasooriya and J. Weerahewa (2019), Effects of Non-Tariff Measures on Seafood Exports from Sri Lanka: A Gravity Approach, Paper Presented at the 31st Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 27) Sahibzada S., D. Hemachandra, S.A. Weerasooriya and J. Weerahewa (2019), Trends and Patterns of Processed Food Exports from South Asia: An Analysis of Product and Market Diversification, Paper Presented at the 31st Annual Congress of the Post Graduate Institute of Agriculture, Peradeniya, Sri Lanka.
 - 28) Weerahewa J., D. Hemachandra and S.A. Weerasooriya (2019), An Assessment of Potential Economic Effects of Proposed Sri Lanka & Thailand Free Trade Agreement, Paper Presented at the 12th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 29) Wanasinghe W.M.T.N. and S.A. Weerasooriya (2019), Estimating the Effect of Crop Insurance on Input Usage among Paddy Farmers: A Case from Horowpathana, Paper Presented at the 12th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 30) Yogarajah V. and S.A. Weerasooriya (2019), Investigation of Farmers Adoption Behavior on Climate-Smart Agriculture (CSA) Technologies: A Case from Vavuniya, Paper Presented at the 12th Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.
 - 31) Weerasooriya S.A. (2010), Sustainability of Theater: An Analysis of Consumer Willingness to Pay and Producer Perceptions, Paper Presented at the Conference on Reflections 2010: Managing Diversity, Reconciliation & Development, FLICT/GTZ, Colombo, Sri Lanka.
 - 32) Prasada P., K.A.S.S. Kodithuwakku, J. Weerahewa and S.A. Weerasooriya (2010), Development Interventions Versus Local Expectations in Post Conflict Recovery: A Case Study in Northern Sri Lanka, Paper Presented at the Conference on Reflections 2010: Managing Diversity, Reconciliation & Development, FLICT/GTZ, Colombo, Sri Lanka.
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- 33) Prasada P., K.A.S.S. Kodithuwakku, S.A. Weerasooriya and M. Amarasekara (2010), An Evaluation of Development Interventions from a Beneficiary Perspective: A Case Study of Post Conflict Recovery Process in Northern Sri Lanka, 4th Annual Research Forum of Sri Lankan Agricultural Economics Association, Kandy, Sri Lanka.
 - 34) Weerasooriya S.A. and J. Weerahewa (2010), Has Competitiveness of Agricultural Exports from Sri Lanka Improved during Crisis Years? 4th Annual Research Forum of Sri Lankan Agricultural Economics Association, Kandy, Sri Lanka.
 - 35) Weerasooriya S.A. and L.H.P. Gunaratne (2009), Impact of the Fertilizer Subsidy on Productivity, Supply and Cultivated Extent of Paddy, 3rd Annual Research Forum of Sri Lankan Agricultural Economics Association, Colombo, Sri Lanka.

4.6. Invited Speaker/Resource Person for Seminars, Conferences and Workshops:

- 1) Weerasooriya S.A. (2023), River and Economy: Agriculture, Energy and Trade, Regional Conference on Rivers as Lifeline for South Asia, Friedrich Naumann Foundation for Freedom, Kathmandu, Nepal.
- 2) Korale Gedara, P.M., S.A. Weerasooriya and A. Jayaweera (2022), Capacity Building workshop on the Colombo City Region Food System, FAO, Colombo, Sri Lanka.
- 3) Weerasooriya S.A. and K.P.G.L. Sandaruwan (2019), Impact of Non-Tariff Measures on Seafood Industry and its Potential Implication for Sustainable Development Goals: Case of the EU Export Ban on Sri Lankan Seafood Industry, Workshop on Non-Tariff Measures and International Standards for Sustainable Development, UNCTAD/ESCAP-ARTNeT, Bangkok, Thailand.
- 4) Weerasooriya S.A. and K.P.G.L. Sandaruwan (2019), Non-Tariff Measures and Sustainable Development: The Case of the European Union Import Ban on Seafood from Sri Lanka, Non-Tariff Measures Week - NTMs: The Good, the Bad, and the Ugly, UNCTAD, Palais des Nations, Geneva, Switzerland.

4.7. Participation in Professional Workshops:

- ✓ Participant in the NCSU, University of Peradeniya Moodle System Administration Basics, Peradeniya, Sri Lanka from July 19-August 23, 2022.
- ✓ Participant in the UNCTAD/ESCAP-ARTNeT Capacity Building Workshop on Non-Tariff Measures and International Standards for Sustainable Development in Bangkok, Thailand from March 13-14, 2019.
- ✓ Participant in the UNCTAD/ESCAP-ARTNeT Capacity Building Workshop on Non-Tariff Measures: Economic Assessment and Policy Options for Development in Bangkok, Thailand from July 3-6, 2018.
- ✓ Participant in the UNCTAD/ESCAP-ARTNeT Capacity Building Workshop on Trade Research: Gravity Modeling in Bogor, Indonesia from August 23-27, 2010.

4.8. Grants and Contracts:

- ✓ Principal Investigator of the Project on “Household Food Waste Behaviors and Implications for Food Security and Environmental Sustainability in Sri Lanka”, Investigator Driven Grant 20-085, Funded by the National Research Council (NRC) (2021-2023, awarded LKR 3.25 million). Ongoing.
 - ✓ Collaborative Investigator of the Project on “Design and Implementation of Microenvironment Conditions for Tea and Ornamental Foliage Plants using Precision Agriculture Systems Powered by Solar Photovoltaics”, Investigator Driven Grant 22-131, Funded by the National Research Council (NRC) (2022-2024, awarded LKR 3.82 million). Ongoing.
 - ✓ Collaborative Investigator of the Project on “Design and Implementation of Microenvironment Conditions for Tea and Ornamental Foliage Plants using Precision Agriculture Systems Powered by Solar Photovoltaics”, Funded by the University Research Council Multidisciplinary Research Grants (2022-2023, awarded LKR 2.46 million). Ongoing.
 - ✓ Collaborative Investigator and Work Package 4 Co-Leader of the Project on “Do Agricultural Microplastics Undermine Food Security and Sustainable Development in Developing Countries?”, Funded by the Natural Environment Research Council (NERC) under the Global Challenges Research Fund (GCRF), UK. (2021-2025, awarded £15,200). Ongoing.
 - ✓ Deputy Coordinator and Collaborative Investigator of the Project on “An Assessment of Economic and Environmental Feasibility of Alternative Agricultural Technologies to Restore Degraded Village Tank Cascade Systems of Dry Zone of Sri Lanka: A Case Study of Thirappane”, Funded by the World Bank AHEAD, Research Area 3 Grants (2019-2021, awarded LKR 40 million). Ongoing.
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- ✓ Principal Investigator of the Project on “Quantitative Policy Analysis in a General Equilibrium Framework: Constructing a Multi-sector, Multi-household Computable General Equilibrium Model for Sri Lanka” funded by the University Research Grants (2018-2019, awarded LKR 415,000). Completed.
 - ✓ Collaborative Investigator of the Project on “The Impact of Non-Tariff Measures Affecting Fisheries Sector” funded by UNCTAD/ESCAP-ARTNeT (2018-2019, awarded \$1,200). Completed.

4.9. Consultancies:

- ✓ Team Member and Consultant to Develop a Module on Colombo City Region Food System for the Food and Agriculture Organization of the United Nations (2022-23) Ongoing.
- ✓ Team Member and Consultant to the Agriculture Sector Modernization Project: Policy Research in the Area of Agricultural Land by the Ministry of Agriculture (2019-2020). Completed.
- ✓ Team Member and Consultant to Prepare a Report on “Sri Lanka – Thailand Free Trade Agreement: An Ex-Ante Assessment of Potential Effects” funded by the Ministry of Development Strategies and International Trade (2018-2019). Completed.

4.10. Supervision of Research Students:

4.10.1. Postgraduate Students:

- ✓ Naduni Nayanathara “Food Environment and its Role on Dietary Diversity of a Village Tank Cascade System in the Dry Zone of Sri Lanka” (M.Sc. co-supervisor, reading)
- ✓ Abdul Majeed Shafna “Physical infrastructure development disparity in Sri Lanka” (M.Phil. co-supervisor, reading)
- ✓ Arani Ranasinghe “Small Scale Dairy Farmers' Perception, Adaptation and Adaptive Capacity for Climate Change in Sri Lankan Dry Zone Cascade Systems: A Case Study in *Thirappane*” (M.Sc. co-supervisor, reading)
- ✓ Ruvini Herath “Investigating the Global Shift of Tobacco Production and Potential Alternative Enterprises for Tobacco in Local Context” (M.Sc. co-supervisor, reading)
- ✓ Sulochana Silva “The Social Preference for Home Gardening and the Effect of Institutional Factors” (M.Sc. co-supervisor, reading)
- ✓ Imesha Waidyaratne “Household Food Waste Behaviors and Implications for Food Security and Environmental Sustainability in Sri Lanka” (M.Phil. major supervisor, reading)
- ✓ Dasuni Dayananda “Resource-use Efficiency and Environmental Sustainability in Village Tank Cascade Systems in the Dry-Zone of Sri Lanka: An Assessment using Bio-Economic Model” (M.Phil. co-supervisor, graduated in 2023)
- ✓ Kaushalya Wickramasinghe “Investigating how to Minimize the Digital Barrier between Elderly Population and Bank Services through Mobile Banking” (M.B.A. major supervisor, graduated in 2022)
- ✓ Sara Sahibzada “Processed Food Trade in South Asia in a Broader Global Context: Opportunities and Constraints” (Ph.D. co-supervisor, graduated in 2022)
- ✓ Musthapha Mufeeth “Estimating the Market Power of Rice Millers in Sri Lanka” (M.Sc. major supervisor, graduated in 2022)
- ✓ Lahiru Sandaruwan “Impact of Non-Tariff Measures on Seafood Exports from Sri Lanka” (M.Sc. major supervisor, graduated in 2020)
- ✓ Ayesh Fernando “Emotional Intelligence and its Effect on Job Satisfaction: A Case Study of a Leading Call Center in Sri Lanka”. (M.B.A. co-supervisor, graduated in 2020)
- ✓ Chanuka Swarnathilake “Building a Multi-sector, Multi-household Computable General Equilibrium Model for Sri Lanka”. (M.Sc. major supervisor, graduated in 2020)

4.10.2. Undergraduate Students:

- ✓ Amali Weerasinghe “Consumer Awareness, Perceptions, and Health-Related Marketing of Ceylon Black Tea” (B.Sc. major supervisor, graduated in 2022)
 - ✓ Dinushi Thilakarathna “Demand Estimation of Household Food Waste in *Kurunegala* District” (B.Sc. major supervisor, graduated in 2022)
 - ✓ Imani Wanniarachchi “Farmer Attitude and Adaptation to Climate Change Resilient Approaches: A Study from *Ihalapalukandewa* GN Division” (B.Sc. major supervisor, graduated in 2022)
 - ✓ Kajapriya Sivakananathan “Women’s Participation in the Labor Force as a Source of Income Generation in *Valikaamam* South, *Jaffna* District” (B.Sc. major supervisor, graduated in 2022)
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- ✓ Kaushalya Wanasekara “Farmer’s Intention to Engage in Groundwater Recharging and Management Practices: A Case Study from the *Mottapeththewa* Cascade System” (B.Sc. major supervisor, graduated in 2022)
- ✓ Nilusha Sugathas “Estimating the Technical Efficiency of Small-scale Inland Fisheries: A Case from *Vavunikulam* Tank” (B.Sc. major supervisor, graduated in 2022)
- ✓ Bhagya Vidana Pallaththarage “Consumer Awareness and Acceptance of Insect-Based Food and Feed in Sri Lanka” (B.Sc. co-supervisor, graduated in 2022)
- ✓ Udaya Rajapaksha “Financial Feasibility of Integrating Goats into Underutilized Pastures under Coconut Lands Belonging to Coconut Research Institute, Sri Lanka” (B.Sc. co-supervisor, graduated in 2022)
- ✓ Pamuditha Herath “Determinants of Online Buying Behavior of Food among Undergraduates through Food Delivery Apps” (B.Sc. major supervisor, graduated in 2021)
- ✓ Malith Fernando “Recycling and Disposal of Agrochemical Waste: A Sustainable Model for an Agrarian Village” (B.Sc. major supervisor, graduated in 2021)
- ✓ Kirupthika Jeyanthiran “Key Factors affecting the Catch Rate of Inland Fisheries: A Case from the *Periyamaduru* Tank” (B.Sc. major supervisor, graduated in 2021)
- ✓ Githmi Udagerada “Effect of Non-Tariff Measures on the Spice Exports of Sri Lanka: A Gravity Approach” (B.Sc. major supervisor, graduated in 2021)
- ✓ Nithusha Selvanayagam “Dietary Diversity and Malnutrition Status of Children: Analysis across the Children in the Resettlement Areas in *Jaffna* District” (B.Sc. co-supervisor, graduated in 2021)
- ✓ Lakmali Ekanayake “Effect of Socioeconomic Status of Dairy Farmers on the Productivity in Three Veterinary Division in *Gampaha* District” (B.Sc. co-supervisor, graduated in 2021)
- ✓ Iresha Gamage “Problems affecting on Milk Productivity of Buffalo Farms in Two Veterinary Divisions in *Moneragala* District” (B.Sc. co-supervisor, graduated in 2021)
- ✓ Tharindu Fernando “Development of a Module for Smart Android Based Application on Dairy Farm Planning for Smallholder Farmers in Sri Lanka” (B.Sc. co-supervisor, graduated in 2021)
- ✓ Senura Senavirathna “Constraints Faced by Farmers in Production of Buffalo Milk-Based Products in Three Divisional Secretariats in *Kandy* District” (B.Sc. co-supervisor, graduated in 2021)
- ✓ Sulochana Silva “Community Perceptions of Property Rights and Incompatibility between de jure and de facto Rights: A Case Study in *Mahakanumulla* Cascade System, Sri Lanka” (B.Sc. co-supervisor, graduated in 2020)
- ✓ Oshadee Savindya “Characterization of Intergenerational Social Mobility in a Rural Village in the Dry Zone: A Case Study in *Mahakanumulla* Cascade System” (B.Sc. co-supervisor, graduated in 2020)
- ✓ Thilini Wanasinghe “Estimating the Effect of Crop Insurance on Input Usage among Paddy Farmers: A Case from *Horowpathana*” (B.Sc. major supervisor, graduated in 2018)
- ✓ Vibeeshana Yogarajah “Investigation of Farmers Adoption Behavior on Climate-Smart Agriculture (CSA) Technologies: A Case from *Vavuniya*” (B.Sc. major supervisor, graduated in 2018)

5. Teaching

5.1. Teaching Areas:

- ✓ Microeconomic Theory
- ✓ Macroeconomic Theory
- ✓ Econometrics and Statistics
- ✓ Mathematical Economics
- ✓ Policy Analysis
- ✓ Trade and Development
- ✓ Natural Resource and Environmental Economics

5.2. Teaching Experience:

5.2.1. As an Instructor:

<i>Undergraduate</i>	<i>Post Graduate</i>
<u>Faculty of Agriculture, Peradeniya</u>	<u>Post Graduate Institute of Agriculture, Peradeniya</u>
1) EB 2101: Principles of Economics (2018, 2019, 2020, 2022)	1) EC 5223: Econometrics II (2018, 2019, 2020, 2022)

2) EB 2201: Development Economics (2018, 2019, 2020, 2022) 3) EB 3202: Microeconomics (2018, 2019, 2020, 2022) 4) EB 3207: Advanced Development Economics (2018, 2019, 2020, 2022) 5) EB 3209: International Business and Trade (2020) 6) EB 4104: Resource and Environmental Economics (2022) 7) EB 4109: Advanced Project Analysis (2018, 2019, 2020, 2022) 8) EX/EB 3201: Socio-Economic Aspects of Natural Resource Management (2022) <u>Faculty of Technology, Colombo</u> 1) AG 2007: Microeconomics (2019) <u>Faculty of Urban and Aquatic Bioresources, Sri Jayewardenepura</u> 1) MDS 1201: Environmental Economics (2023)	2) BM 5115: Supply Chain and Logistic Management (2018, 2019, 2021, 2022) 3) EC 5102: Mathematical Economics (2019, 2020, 2022) 4) EC 5209: Special Topics in Agricultural Economics (2018) 5) EC 5114: Quantitative Methods (2020, 2022) 6) EC 5221: Environmental Valuation (2022) 7) ST 5298: Directed Study (2022)
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5.2.2. As a Teaching Assistant:

Undergraduate

Oregon State University, USA

- 1) ECON 315: Intermediate Macroeconomic Theory (2012, 2013)
- 2) ECON 202: Introduction to Macroeconomics (2012)
- 3) ECON 329: Introduction to Mathematical Economics (2013)
- 4) ECON 415: Advanced Macroeconomic Theory (2013)
- 5) AREC 352: Environmental Economics and Policy (2014)
- 6) AREC 447: Agricultural Price and Market Analysis (2015)

Faculty of Agriculture, Peradeniya

- 1) EB 2101: Principles of Economics (2009 and 2010)
- 2) EB 2201: Development Economics (2009 and 2010)
- 3) EB 3101: Business Creation and Management (2009 and 2010)
- 4) EB 3201: Project Analysis (2009 and 2010)
- 5) EB 3202: Microeconomics (2009 and 2011)
- 6) EB 3203: Macroeconomics (2011)
- 7) EB 3204: Marketing Management (2009 and 2010)
- 8) EB 3206: Financial and Management Accounting (2009 and 2010)
- 9) EB 3207: Production Economics (2011)
- 10) EB 3208: International Business and Trade (2009 and 2011)
- 11) EB 4101: Resource and Environmental Economics (2009 and 2011)
- 12) EB 4102: Quantitative Techniques for Business and Economics (2009 and 2011)
- 13) EB 4105: Financial Management (2009 and 2010)

Post Graduate

Oregon State University, USA

- 1) AEC 625: Advanced Econometrics I (2016, 2017)

5.3. Non-Credit Courses and Workshops:

- ✓ Resource Person of the workshop titled “Data Analysis using STATA”, A Workshop Organized by the Sri Lankan Agricultural Economics Association, September-October, 2021.
- ✓ Resource Person on the session titled “Analyzing Trade Facilitation using Gravity Models”, Intensive Course on Agricultural Policy Analysis, TAMAP/PGIA, Peradeniya, February 2021.

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- ✓ Instructor on the session titled “Execution of Cost-Benefit Analysis for a Selected Land Use Planning Policy Issue”, Short Course Designed for Land Use Policy Planning Department Officers, Post Graduate Institute of Agriculture, Peradeniya, March 2019.
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6. Departmental, Faculty and University Contribution

- ✓ Voluntary Student Counselor, Faculty of Agriculture, University of Peradeniya (2022, 2023)
 - ✓ Senior Student Counselor, Faculty of Agriculture, University of Peradeniya (2021)
 - ✓ Program Committee Member, Staff Development Center, University of Peradeniya (2021, 2022)
 - ✓ Chairman of the e-Learning and Computer Unit Management Committee of the Faculty of Agriculture, University of Peradeniya (2019, 2020, 2021, 2022, 2023)
 - ✓ Secretary of the e-Learning and Computer Unit Management Committee of the Faculty of Agriculture, University of Peradeniya (2018)
 - ✓ Secretary of the Board of Study in Agricultural Economics, Post Graduate Institute of Agriculture, University of Peradeniya (2022, 2023)
 - ✓ Activity Coordinator of the Project “Enriching Learning, Teaching, and Assessment & English Language Skills Enhancement (ELTA-ELSE) Development Project by the Faculty of Agriculture”, Funded by the World Bank AHEAD, Research Area 2 Grants (2019-2021, awarded LKR 120 million)
 - ✓ Support to all Sub-Committees/Committees Appointed by the Department, Faculty of Agriculture and University of Peradeniya
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7. Professional and National Contribution

- ✓ Treasurer, Sri Lankan Agricultural Economics Association (SAEA) (2019-2021)
 - ✓ Vice-President, Peradeniya University Agriculture Teachers' Association (PUATA) (2022-23)
 - ✓ Assistant Secretary, Alumni Association of Faculty of Agriculture, University of Peradeniya (2023-24)
 - ✓ Member, Sri Lankan Agricultural Economics Association
 - ✓ Member, Sri Lanka Forum of University Economists
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8. References

- ✓ Sarath S. Kodithuwakku
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 - ✓ Jeevika Weerahewa
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I hereby certify that the above information is true and accurate to the best of my knowledge.



Senal A. Weerasooriya
4 May 2023