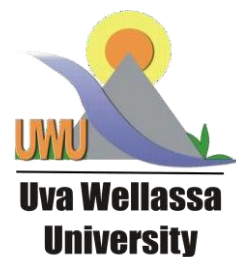




**Dr. M.K.S.L.D. AMARATHUNGA**  
**Senior Lecturer in Agri. Extension and**  
**Human Resources management**

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### 1. PROFILE

A dedicated Agricultural Extensionist and environmentalist doctored in the field of Agricultural Extension specializing in Public-Private Partnership Extension in the tea sector, Mastered in Environmental Science specializing in the impact of climate change on tea productivity, and graduated in Agricultural Sciences. My research interest is oriented toward Agricultural Extension, Marketing, Social Studies, Rural Development, Agronomy and Tea Environment, Climate Change, Natural Resources Management, etc. The objective is to serve the organization at the level best of hardworking and self-motivating, and to introduce effective technology dissemination extension approaches for the betterment of the farming community,

### 2. PERSONAL INFORMATION

Name: M.K. Senaka. Lalith Dharmasri Amarathunga

Gender : Male

Date of Birth : 1963.12.30

Marital Status: Married

Nationality : Sri Lankan

### 3. EDUCATIONAL QUALIFICATIONS

Academic Qualification	Institute
Ph.D. Agri. Extension	University of Peradeniya-2015
M.Sc. Agri. Extension	University of Peradeniya-2009
M.Sc. Environmental Science	University of Colombo - 2000
B.Sc. Agriculture	University of Ruhuna - 1987
Certificate course on Modern Human resource management	ALISON Management Institute- 2020
Certificate course in Professional English	South Asian Management & Technical Education Center- Maharagama - 1993

#### 4. SPECIAL TRAINING EXPOSURES

	<b>Training Program</b>	<b>Institute/Organization</b>
4.1	<b>Training course on Integrated Models for Examining the effects of Climate change and Variability</b>	Developing an Integrated Model system for Sri Lanka-2002 Developing and attaching crop models -AIACC-Project in 2004 Integrated Models for Examining the effects of Climate change and variability
4.2	<b>International Training course Agricultural Extension: Methods &amp; Approaches-</b>	Indian Agricultural Research Institute (Un. Of Pusa ) India -2003 Agricultural Extension: Methods & Approaches Social Research Methods, Social Impact Assessment, Management of Information system
4.3	<b>Postgraduate diploma in Plantation management</b>	Kothari Agricultural Management Center –India– 2005 Tea Cultivation & Manufacturing, Value addition, Financial Management, Cost Benefit Analysis and Marketing Tea Trading, Certification, ISO/HACCP
4.4	<b>Training of Trainer course - Rainforest Alliance</b>	Global Environment Facility conducted project on “Mainstreaming sustainable Management of Tea production landscapes in 2016” -(represent as country partner)
4.5	<b>International Training on Networking of Agricultural Extension</b>	Global forum for Rural Advisory Service and Rural Development Administration in Jeonju, Republic of Korea in 2018
4.6	<b>Special Training program on Entrepreneurial leadership</b>	Uva Wellassa University in 2021 Principles of entrepreneurships Entrepreneurial leadership and applications
4.7	<b>Certificate course of Teaching in Higher Educations</b>	Uva Wellassa University in 2021 This course consists the material of teaching philosophy, teaching techniques, teachers' academic experiences, teaching methods and strategies, as well as activities undertaken to improve teaching, achievements, goals, responsibilities, and professional development.

## 5. PROFESSIONAL EXPERIENCE OBTAINED INVOLVING PROJECTS ACTIVITIES IN TEA SECTOR

	Position and Organization	Professional Experience obtained
5.1	Senior Advisory Officer In charge of TRI- Low Country station, Ratnapura and Advisory & Extension Center, Deniyaya, Sri Lanka	<p>-Dissemination of Tea cultivation Technologies to 70 Regional Plantation estates, Over 200000 smallholdings and proprietary estates in Ratnapura, Kegalle, Kalutura and Matara districts</p> <ul style="list-style-type: none"> <li>- Conducted problem solving extension visits</li> <li>- Conducted adaptive trials for smallholders</li> <li>- Initiated tea land development program</li> <li>- Conducted extension field survey on agronomic, social aspects of both corporate and smallholding sectors, drought assessment,</li> <li>- Worked as a coordinator of Regional Scientific and Extension forum of corporate sector (1998-2010) and Regional Technical and Extension forum of smallholding sector (2004-2010)</li> </ul>
5.2	Senior Manager Extension in the Tea Smallholder Factories PL since Dec. 2010 to 2020	<p><b>Job Descriptions</b>            Conducting feasibility Studies, developing and implementing the strategies on the issues of input supply and value change process of tea Factory base smallholder partnership Agri business model and thereby up scaling of livelihood of small/medium scale holders and ensuring sustainability of Tea- Agri-Business of TSFL company</p> <p><b>Main Activities involving</b>            Enhance the knowledge of small holders /proprietary holders of TSF PLC on good agricultural practices towards the improvement of Yield and Quality of made tea with value addition.</p> <p>Leadership given to bought leaf factory base public private partnership Agri-business and extension network-covering 18000 tea smallholders attached to 7 tea factories located in Ratnapura, Kegalle, and Galle districts</p> <p>Facilitate to convert 120 ha uneconomical tea smallholdings in to productive tea lands by introducing tea smallholder assisting replanting programs with GAPs and quality nursery plants -  <b>“Tea smallholding Vidusaviya”</b></p>
5.3	Teaching and Supervision Experience in Tea related Undergraduate and Post graduate studies	-Work as visiting lecturer and also conduct Supervision of research projects related to Management of Agri-business, Tea physiology, Tea cultivation and process technologies, Social development, Value addition and product develop, Extension methods and Methodologies in Tea sector for Post graduate, under

		<p>graduate and diploma students of following Academic organizations during my working carrier at TRI as well as TSFL</p> <ul style="list-style-type: none"> <li>- University. Of Peradeniya (Post and Undergraduates)</li> <li>-University of Ruhuna</li> <li>-University of Sabaragamuwa, Wayaba and Uva Wellassa</li> <li>- Management faculty of Un. of Sri Jayawardanapura</li> <li>- University college of Aquinas, Colombo</li> <li>- National Institute of Plantation Management</li> <li>- Diploma Institute of Hardy, Palwehera, Karapincha, Agunakolapallassa, Kuliypitiya, Labuduwa,Aqunas</li> <li>- Vocational Training institute of Batangala</li> </ul>
5.4	<b>Collaborative project undertaken with other organizations</b>	<p>Replanting and land development program for tea small holding sector</p> <ul style="list-style-type: none"> <li>- Coordinate to establish multiple cropping system models in small/medium holding tea lands by working collaboratively with Tea smallholding development Authority, Tea board , Dept. of Agriculture, and Export Agriculture, Coconut cultivation, Rubber research and development board in Ratnapura,Kegalle,Kalutara and Matara districts.</li> <li>- Tea smallholdings - Hadabima Program –Balangoda</li> <li>- Integrated Rural Development Project-Ratnapura</li> <li>-Sinharaja Forest conservation Project-Rat.</li> <li>-Self-help group tea nursery program-Samurrdhi-Ratnapura</li> <li>-Gamideriya and Gamanaguma programs for tea smallholder land development-Ratnapura</li> <li>-Commercial tea smallholder nursery programs for IFAD funded tea smallholding development project Kandy and Gampola areas</li> </ul>
5.5	<b>Collaborative Research projects undertaken</b>	<p>Worked as a Research Partner on the project of Assessment of the impact of an adaptation of climate change in the tea plantation sector-Asia Pacific climate change assessment project-2002/4</p>
		<p>Land suitability classification and Mapping of Low grown tea smallholdings area -Ratnapura-2004/6</p>
5.6	<b>ADB Project on Preparation of extension audio/videoaids for tea technologydissemination and Training program</b>	<p>Committee member of Curriculum development of Training Program of National Institute of Plantation Management-2015/16</p> <p>Committee member of working group of 5 video programs on tea cultivation practices, Two interactive</p>

	<p><b>And COP analysis Project</b></p>	<p>CDs on Mechanization tea cultivation practices and rainfall and yield trend,</p> <p>Committee member of Smallholding sector-MPI directed COP assessment for developing green leaf rate detection formula -2008/9</p> <p>Committee member of two tea census assessment project of corporate sector tea estate -2003 and 2008</p> <p>13 Paper and Journal articles and 14 leaflets, pamphlets, guidelines on tea cultivation practices special reference to small holding sector</p> <p>Developed "<i>Field Handbook on Tea and Rubber Inter cropping system</i>" - for Small/Medium scale tea and Rubber growers</p>
5.7	<p><b>Coordinator on Impact Assessment FAO Project-2021</b></p>	<p>Worked as a coordinator of the Food and Agriculture Organization funded project on impact assessment of Rehabilitation of Degraded Agricultural Lands conducted by the Faculty of Animal Science and Export. Agriculture</p>
5.8	<p><b>Team Member, Fruit and Vegetables for Sustainable Healthy Diets (FRESH) Project (2023)</b></p>	<p>Constraints and Opportunities to Ensure Safe and Sustainable Production of Vegetables throughout the Year in Sri Lanka ,Technical Report</p> <p>Qualitative Data Collection in Boralanda and Damahana Areas of Badulla and Rathnapura Districts, Sri Lanka</p>
5.9	<p><b>Coordinator UWU-Mahawali Development Project since 2021</b></p>	<p>Worked as a co-coordinator of the collaborative project of the Faculty of Animal Science and Export Agriculture and Mahaweli Authority of Sri Lanka on the development of Moragahakanda and Rambakenoya system since 2021</p>
5.10	<p><b>Team Member Sustainability Needs Assessment (SNA 2024)</b></p>	<p>Sustainability Needs Assessment (SNA) for Strengthening Sustainability of the Tea Industry project for the Global Green Growth Institute (GGGI)</p>
5.11	<p><b>Coordinator UWU-ICDP program on developing Model Village since 2021</b></p>	<p>Worked as a founder and coordinator of the Uva Wellassa based "Integrated Community Development Project aiming to foster a steadfast relationship between Uva Wellassa University and Uva Agricultural Community to generate mutual benefits in a sustainable manner. Objectives</p> <ol style="list-style-type: none"> <li>1. To create a conducive environment for the undergraduates to learn, practice and share the knowledge from/with community.</li> <li>2. To create opportunities for Uva Wellassa University to execute its outreach activities productively.</li> </ol>

		<p>3. To enhance the capacity of agricultural services providers.</p> <p>4. To enhance the socio-economic wellbeing of the community through technopreneurial approach.</p> <p>5. To create a ground for action-based research towards agricultural and socio-economic development.</p> <p>6. To develop a model for university and agricultural community integration</p>
5.12	Head/Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University, Badulla, Sri Lanka Since 2023	Monitoring , Supervision Administration of All Academic, Education and Research, Training and Development activities of undergraduate and postgraduate students of three degree programs. Direction and guidance of Academia and non-academia of the department, Guiding and direction of new product development, capacity building of students.
5.13	Worked as a Research Partner-Asia Pacific Project	Worked as a Research Partner on the project of “Assessment of the impact of an adaptation of climate change in the tea plantation sector-Asia Pacific climate change assessment project-2002/4”.
5.14	Worked as a Research Partner on the Land suitability classification Project	Worked as a Research Partner on the Land suitability classification and Mapping of Low grown tea smallholdings area -Ratnapura-2004/6.
5.15	Project Executive Volanka Ltd	Project Executive Volanka Ltd. (Heyleys Subsidiary group) Agricultural Business Project on Gherkin cultivation, 5000 out growers Network – 1989/1991

## 6. **ACADEMIC HONOURS (AWARDS, RECOGNITIONS AND SCHOLARSHIPS)**

- Norwegian Government Scholarship offered for the study of M.Sc. Environment Science in 1995.
- Colombo Plan Scholarship offered for the study of Certificate course of International Training course Agricultural Extension: Methods & Approaches-in Indian Agricultural Research Institute, Pusa University in India in 2003.
- Commonwealth Scholarship offered to follow on Postgraduate diploma in Plantation management in Kothari Agricultural Management Center –India– 2005

## 7. **Teaching and Supervision Experience in Agriculture Extension, Human Resource Management and Tea related Undergraduate and Post graduate studies**

I am presently working as a Senior lecturer I covering subject area of Agricultural Technology Dissemination, Human Resource Management and Tea Related, Agronomic, Extension, Marketing, Value and supply chain analytical studies from October,2020.

Worked as a visiting lecturer and also conducted Supervision of research projects related to Management of Agri-business, Tea physiology, Tea cultivation and processtechnologies,

Social development, Value addition and product develop, Extension methods and Methodologies in Tea sector for Post graduate, under graduate attached to University of Peradeniya, Ruhuna, Sabaragamuwa, Uva Wellassa, Wyamba and Sri Jayawardhanapura during working carrier at Tea Research Institue as well as Tea Smallholder Factories Plc.

Lecturer in National Institute of Plantation Management covering subjects of Tea Cultivation and Processing Technologies, Agricultural Extension and Marketing Management for diploma and higher diploma students

## 8. PUBLICATIONS

### 8.1 Peer Reviewed Journal Articles

1. Amarathunga MKSLD and Gamage GDMD (2024) Reduction in Production on Kernel-Based Export Products and Coconut Oil Industry in Sri Lanka, Journal of Food Science & Nutrition Technology, Vol 9-2 pp 1-12, <https://medwinpublishers.com/article-description.php?artId=12708>
2. Amarathunga, M. K. S. L. D., Herath, R P K D, Ranaweera, S, Mahindaratne, M G P P A Amarakoon, M C Welhena, C.K (2023). Unraveling the Dynamics that Shape the Success of Organic Tea Farmer Organizations: A Case Study in Farmers' Organization Affiliated to an Agri Business Enterprise in Uva, National Symposium on Tea 2023 Sri Lanka, page 37
3. Amarathunga, M. K. S. L. D, Kumarasingha, K A D P , Ranaweera, S, Amarakoon, M C Welhena , Ranaweera, S, Mahindaratne, M G P P A Amarakoon, M C Welhena (2023) Harmony with Nature: Harnessing Ethno-Climatology Knowledge for Climate Resilience in Organic Tea Cultivation by Sri Lankan Tea Smallholders National Symposium on Tea 2023 page-
4. Amarathunga, M. K. S. L. D, Karunarathne, R M H S K, Mahindaratne, M G P P A, Samarasinghe K G B A and Senanayake P K (2023) An Ergonomic Assessment on Shoot Plucking: A Case Study in Mid-Grown Tea in Sri Lanka National Symposium on Tea 2023, page 31
5. Amarathunga, M. K. S. L. D, Kulathunga, V A I N , Herath, H M S K, Bandara T A R W M M C G and Dayananda S.P. Karunarathne Effect of Application of Biochar on Physico-chemical Properties of Soil, Root Growth and Yield of Tea Grown in an Ultisol of Sri Lanka, National Symposium on Tea 2023 page 8
6. Amarathunga, M. K. S. L. D., Welhena, C.K., and Kahandage, K. Prathibha. M. (2023). 'Assessing stakeholders' satisfaction with the transformation of conventional auction into an e-auction,' International Journal of Innovative Approaches in Agricultural Research, 7(2), pp. 169–186. <https://doi.org/10.29329/ijjaar.2023.568.2>
7. Amarathunga, M. K. S. L. D., Welhena, C.K., and Mel H. De (2023) Stakeholder's Satisfaction on the Conversion of Sri Lankan Traditional Tea Auction into an E-Auction

8. Senevirathna M.M.G.R.M. Amarathunga M.K.S.L.D., Mahindaratne M.G.P.P. Amarakoon A.M.C1 & Mahagama M.R.N.D (2023). Evaluation of the Effectiveness of the Farmer Field School Extension Approach for the Dissemination of Tea Technology to Tea Smallholders in Kandy District National Symposium on sustainable management of plantations,
9. Amarathunga M.K.S.L.D., Dilshan U.S.G, .Amarakoon A.M.C , .Somachandra, K.P, Lessons Learnt from Application of Farmer Field School Approach for Dissemination of Technologies to Seed Potato Farmers in Sri Lanka, NewCountryside (2023) Volume 2 Issue1,16 pages. doi:<https://doi.org/10.55121/nc.v2i1.28>
10. Amarathunga M.K.S.L.D., Senavirathna, R, Welhena1 C.K. , Mahindaratne P, Welhena C.K and Amarakoon C. (2023) The Effectiveness of Farmer Field School Extension Approach for Technology Transfer to Tea Smallholders in Sri Lanka, International Journal of Innovative Approaches in Agricultural Research 2023, Vol. 7(1) 85-103.
11. Amarathunga M.K.S.L.D., et.al,(2020) ASSESSMENT ON PERFORMANCE OF PARTNERSHIP EXTENSION MODELS IMPLEMENTED IN TEA SMALLHOLDING SECTOR IN SRI LANKA. International index Journal AGROSYM (Volume 5, Issue 1; ISSN 2490-3434 – Printed; ISSN 2490-3442)
12. Amarathunga M.K.S.L.D., Wanigasundera W.A.D.P., (2019) Application of Public-Private Partnership Extension Model for Effective Dissemination of Productivity Improvement Technologies for Tea Smallholding Sector in Sri Lanka, , Journal of the National Institute of Plantation Management. P 15-20.
13. Amarathunga et.al (2015) Categorization and Mapping of Tea growing District Secretarial Division of Sri Lanka. Sri Lanka Journal of Tea Science, Vol. 80, p 1-18
14. Amarathunga, M.K.S.L.D., Wanigasundera, W.A.D.P.,(2010) Strengthening Links among the Key Stakeholders of Public-Private Partnership Extension Approach: Lessons Leant from Tea Smallholding Sector in Sri Lanka, Sri Lanka Journal of Tea Science, Vol 75. (1)
15. Amarathunga, M.K.S.L.D., Wijeratne, M.A., (2009) Effect of variation of some of the ecological factors on sustainable productivity of clonal tea, Journal of the National Institute of Plantation Management, Vol.23. No.02, p.28-35
16. Amarathunga, M.K.S.L.D., Wanigasundera, W.A.D.P., Balasuriya, A., & Dassanayake, N.C. (2009) A Field Assessment of the Factors Affecting Horse Hair Blight (*Marasminus equicrinis*) in Tea in the Low Country District of Ratnapura, The Journal of Agricultural Sciences, University of Sabaragamuwa,- Vol 4,No.2, p.59-66.
17. Amarathunga, M.K.S.L.D., Anandacoomaraswamy, A.,Wijeratne, M.A., Janaka Ratnasiri, Basnyake B.R.S.B., Kalra, N. (2007) Assessment of impact of climate change on productivity of tea (*Camellia sinensis*)Tea Plantation in Sri Lanka, J. Natn. Sci. Foundation Sri Lanka, 35(2): p.119-126
18. Amarathunga M.K.S.L.D, Wijeratne M.A, Pathirage S.R.W. Panabokka



C.R.,Amarasinghe (2008) Classification and Mapping of Tea lands in Ratnapura District. Sri Lanka Journal of Tea Science, Vol. 80, p 1-10

### **7.1 Books/Book Chapters**

1. Amarathunga M.K.S.L.D.,(2019) Public Private Partnership Extension Model for Tea Smallholding sector, Text book, Publisher Scholars press, International Book Marketing service Ltd 17, Meldrum, street, Beau Bassin, 71569,Mauritius, p 1-263.
2. Amarathunga, M.K.S.L.D., Anandacoomaraswamy, A.,Wijeratne, M.A., Janaka Ratnasiri, Basnyake B.R.S.B., Jayakody Asoka. (2008) Vulnerability of Sri Lankan Tea Plantations to Climate change, Climate Change and Vulnerability , EARTHSCAN London, Sterling , VA: p351-372.
3. Amarathunga, M.K.S.L.D. (2004) Remedial measures to improve the productivity of low-lying tea lands in the low country. Tea bulletin 19(1/2) 15-17, Dec.2004.
4. Amarathunga, M.K.S.L.D (2002) Some factors associated with the death of tea plants in low-lying tea land in the low country. Tea bulletin 17(1/2) 25-30, Dec.2002.

### **8.2 Abstracts/Extended Abstracts**

1. Vijesooriya K.W.T.T.H., Amarathunga M.K.S.L.D., Jayasingha J.M.U.P.B., Baanagala C.H.M., Welhena C.K. Study on the factors affecting the transformation from conventional to organic tea cultivation in Uva high growing region Advancing Multidisciplinary Approaches for a Sustainable and Resilient Future, 9th International Conference of Sabaragamuwa University of Sri Lanka pp15
2. Hettiarachchige H.D.K.S., Amarathunga M.K.S.L.D., Mahindaratne M.G.P.P.,Baanagala C.H.M.Welhena, and Walpola R (2023) Factors Affecting Consumer Purchasing Decision on Single-Origin Black Tea in the Domestic Market (Based on Colombo & Gampaha Districts) Advancing Multidisciplinary Approaches for a Sustainable and Resilient Future, 9th International Conference of Sabaragamuwa University of Sri Lanka pp 251.
3. Amarathunga M.K.S.L.D., Dissanayake, H., Mahindaratne P, and Mahagama D. (2023) Identification of Entrepreneurial Readiness and Challenges for Economic Home Gardens Located in Tea Small Holdings in Doluwa Divisional Secretariat in Kandy District. Proceedings of symposium of Tropical Agriculture, on Agriculture and Environment 2023, Faculty of Agriculture, University of Ruhuna, Sri Lanka, p.94.
4. Jayasooriya I.B.R.D.H. Amarathunga M.K.S.L.D., Mahindaratne M.G.P.P. Determinants of Value-Added Tea Exportation in Sri Lanka: The Exporters' View, International Research Conference of Uva Wellassa Uva Wellassa University of Sri Lanka, Badulla. p. 30
5. Amarathunga M.K.S.L.D., Welhena1 C.K. , Mel H. De. Senavirathna, R and.

- Kahandage K.P.M.(2022) Assessing stakeholders' satisfaction with the transformation of conventional tea auction into an e-auction, Proceedings of the IV. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, p. 87.
6. Amarathunga M.K.S.L.D., Senavirathna, R, Welhena1 C.K. , Mahindaratne P, Mahagama D. and Amarakoon C. (2022) The effectiveness of the Farmer Field School Extension Approach for technology transferring to tea smallholders in Sri Lanka, Proceedings of the IV. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, p. 88.
  7. Amarathunga M.K.S.L.D., Senavirathna, R, Mahindaratne P, Mahagama D. Amarakoon C. and Samarasinghe K. A. B. A. (2022) Effectiveness of Farmer Field School Extension Approach for Dissemination Technologies to Tea Small Holdings in Kandy District, Proceedings of the Third Faculty Annual Research Session 2022 (FARS2022), Faculty of Applied Science, University of Vavuniya, Sri Lanka p. 7.
  8. Amarathunga M.K.S.L.D., Kulathunga V.A.I.N., Herath H.M.S.K., Bandara. M.M.C.G T.A.R.W, and Dayananda S.P. (2022) Effect of biochar on yield performance and properties of soil under tea cultivation, Proceedings of the Third Faculty Annual Research Session (FARS2022), Faculty of Applied Science, University of Vavuniya, Sri Lanka p.6.
  9. Amarathunga M.K.S.L.D., Welhena1 C.K. , Mel H. De. and. Kahandage K.P.M.(2022) Study on the degree of satisfaction of supply chain stakeholders on the transformation of conventional tea auction into an e-auction, Proceedings of the International Research Conference 2022, Uva Wellassa University of Sri Lanka, Badulla. p. 26
  10. Amarathunga M.K.S.L.D., Aththanayake A.M.M.B, and Mahindaratne M.G..P.P. (2022) A study on factors influencing land productivity of proprietary tea estates in Badulla district, *Proceedings of the 4th International Conference of Agricultural Sciences (AgInsight 2022)*, Sabaragamuwa University of Sri Lanka, 39-42.
  11. Amarathunga, M.K.S.L.D. Gamage, G.D.M.D. Amarakoon, A.M.C. Rathnayaka R.M.D.H., Samarawikrama S. (2022) An empirical study on the impact of declining coconut production in Sri Lanka on kernel-based export products and coconut oil production for the domestic market, *Proceedings of the 4th International Conference of Agricultural Sciences (AgInsight 2022)*, Sabaragamuwa University of Sri Lanka, 174-177.
  12. Amarathunga M.K.S.L.D., Dilshan, U.S.G., Amarakoon A.M.C , and Somachandra K.P. 2021, The Effectiveness of Farmer Field School Approach for Dissemination of Technologies to Seed Potato Farmers in Badulla District, *Proceedings of the International Research Conference 2021*, Uva Wellassa University of Sri Lanka, Badulla. p. 42
  13. Amarathunga. M.K.S.L.D., Tennakoon, H.T.R.N. Amarakoon C. and Abeysooriya, A (2021) Study on Factors Affecting Adoption of Control Measures for the COVID 19 Pandemic in Tea Plantation Sector in Badulla District, *“Exploring Potential in Challenging Period” Proceedings of the International Research Conference 2021*, Uva Wellassa University of Sri Lanka, Badulla. p. 294
  14. Amarathunga. M.K.S.L.D., Aththanayake, A.M.M.B., and Mahindaratne, M.G.P.P.(2021) Factors Affecting Land Productivity of Proprietary Tea Estates in

- Badulla District, “Exploring Potential in Challenging Period” *Proceedings of the International Research Conference 2021*, Uva Wellassa University of Sri Lanka, Badulla. p. 30
15. Amarathunga. M.K.S.L.D., Gamage, G.D.M.D. Amarathunga, M.K.S.L.D. Rathnayake R.M.D.H. and Samarawickrama S. (2021) Unravelling the Impact of Coconut Production Declining in Sri Lanka on the Kernel-based Export Products and Coconut Oil, “Exploring Potential in Challenging Period” *Proceedings of the International Research Conference 2021*, Uva Wellassa University of Sri Lanka, Badulla. p. 31
  16. Amarathunga. M.K.S.L.D., Jayasinghe, D., Amarathunga, M.K.S.L.D. Wanigasundara, P. Mapatuna, Y. Ihalagoda, S. (2021) Appraising Effectiveness of Public-Private Partnership Extension Services in the Process of Productivity Improvement and Livelihood Development of Tea Smallholding Sector, *Proceeding of National Institute of Plantation Management Symposium*, p.18
  17. Amarathunga M.K.S.L.D., et.al,(2020) Effectiveness of Partnership Extension Models Implemented in Tea Smallholding Sector in Sri Lanka, *Proceedings of the International Symposium on Agriculture and Environment 2020*, Faculty of Agriculture, University of Ruhuna, Sri Lanka, p.94
  18. Amarathunga M.K.S.L.D., Wanigasundera W.A.D.P. and Wijeratne M., (2016) Clientele Satisfaction towards the Public-Private Partnership Extension Model Introduced for Technology Dissemination in Tea Smallholdings Sector in Sri Lanka, *Proceedings of 28th Annual Congress of Postgraduate Institute of Agriculture, Uni. Of Peradeniya*, Vol. 2, p.24
  19. Amarathunga, M.K.S.L.D., Wanigasundera, W.A.D.P., 2009 Building Public-Private Partnerships for the Dissemination of Agricultural Technology in Tea Smallholding Sector in Sri Lanka : An Apriori Pilot Project Stakeholder Analysis, *Proceedings of the Agricultural Extension Conference 2009*, Un. Of Peradeniya, p 388-403
  20. Amarathunga, M.K.S.L.D, Gunarathna W.A.D.K.L, Wijeratna, M (2009) Factors Affecting Quality of the Vegetatively Propagated (VP) tea (*Camellia Sinensis* (L) O. Kuntze) Nursery Plants in the Commercial Tea Nurseries: A case Study in Kegalle and Kalutara Districts, *Proceedings of the International Symposium on Agriculture and Environment 2009*, Faculty of Agriculture, University of Ruhuna, Sri Lanka, p.66
  21. Amarathunga, M.K.S.L.D., Wanigasundera, W.A.D.P. & Dharmadasa, U.G.H.P. (2008) A Public and Private Partnership Extension Approach for Effective Dissemination of Technologies with Special reference to Tea Small Holding Sector in Ratnapura District. *Proceedings, 2nd Symposium on Plantation Crop Research*, p.276-289.
  22. Amarathunga, M.K.S.L.D and Wijeratne M.A (2001) Impact of variation in the soil properties on the bush stand and productivity of tea lands in Sri Lanka ,*Proc. Ann. Session. Sri Lanka Association for the advancement of Science. Sec. B 56,(1), Dec.2001.*

23. Amarathunga, M.K.S.L.D and Wijeratne M.A (2000) Study on variation of the productivity of the tea lands in different agro-ecological regions in Sri Lanka, Proc. Ann. Session. Sri Lanka Association for the advancement of Science. Sec. B 56,(1), Dec.2000.
24. Amarathunga, M.K.S.L.D and Wijeratne M.A (1999) The effect of ambient temperature and evaporation on tea yield in Sri Lanka, Proc. Ann. Session. Sri Lanka Association for the advancement of Science. Sec. B 55,(1), Dec.1999.
25. Amarathunga, M.K.S.L.D and Wijeratne M.A (1999) variation of soil degradation in tea lands and its impact on bush debilitation, Proc. Ann. Session. Sri Lanka Association for the advancement of Science. Sec. B 55,(1), Dec.1999.
26. Amarathunga, M.K.S.L.D and Wijeratne M.A (1999) The effect of edaphic factor on tea yield in Sri Lanka , Proc. Ann. Session. Sri Lanka Association for the advancement of Science. Sec. B 55,(1), Dec.1999.
27. Amarathunga, M.K.S.L.D and Wijeratne M.A (1998) The minimum rainfall requirement to obtain potential yield of tea in Sri Lanka, Proc. Ann. Session. Sri Lanka Association for the advancement of Science. Sec. B 54 (1) ,125-126, Dec.1998.
28. Amarathunga, M.K.S.L.D and Wijeratne M.A (1998) The effect of precipitation deficit on tea production in Sri Lanka, Proc. Ann. Session. Sri Lanka Association for the advancement of Science. Sec. B 54 (1),126-127, Dec.1998.

### ***8.3 Scientific Blog articles***

1. Amarathunga M.K.S.L.D .(2020) “GEARING UP SRI LANKAN TEA INDUSTRY TO MINIMIZE ADVERSE IMPACT FROM COVID-19” Blog 121, Agricultural Extension in South Asian p. 1- 10.
2. Amarathunga M.K.S.L.D.,(2019) Public Private Partnership Extension Model for Tea Smallholding sector, Blog 100, Agricultural Extension in South Asian p. 1- 10.
3. Amarathunga M.K.S.L.D. and Mahindapala J. (2002) Some observations on shear harvesting in Low country smallholdings, TRI-UPDATE, Vol 7 No.2, December,2002 Amarathunga
4. Amarathunga M.K.S.L.D. and Mahindapala J. (2001)Maintenance of Soil pH in tea smallholdings, TRI-UPDATE, Vol 6 No.2, December,2001
5. Amarathunga, M.K.S.L.D and Wijeratne M.A (2001) Strategies to sustain yields of clonal tea TRI-UPDATE, Vol 6 No.1, June,2001

### ***8.4 Scientific Presentations***

- 8.4.1 Amarathunga M.K.S.L.D., Wanigasundera W.A.D.P. and Wijeratne M., (2017) Lessons Learnt from the Introduction of Public-Private Partnership Extension Model for Technology Dissemination in Tea Smallholdings Sector and Way forward, Proceedings of Annual session of Sri Lanka Agricultural Extension Association, Pre-service Center of Agricultural Department, Gannoruwa
- 8.4.2 Amarathunga, M.K.S.L.D and Wijeratne M.A (2000) Some of the ecological factors affecting sustainable productivity of tea land, Proc. 200th Experiment and

extension forum of Tea Research Institute, 2000.

- 8.4.3 Amarathunga, M.K.S.L.D and Wijeratne M.A (2002) Management of ecological factors for increasing productivity of tea plantations in Sri Lanka , Regional Scientific Forum in Ratnapura, Kegalle, Kalutara, Galle and Matara
- 8.4.4 Amarathunga, M.K.S.L.D and Wijeratne M.A (2004) Impact of climate change on productivity of tea plantations in Sri Lanka: Development of a crop model 209th Experiment and extension forum of Tea Research Institute, 2004.
- 8.4.5 Amarathunga, M.K.S.L.D (2023) CEPA's Symposium on Poverty Alleviation in an Era of Economic Crisis that was held on the 29th – 30th of November. presentation on "Agricultural Transformation in Post-Crisis Sri Lanka - Plantation sector" (<https://www.cepa.lk/cepa-symposium-2023/>).

### ***8.5 Paper and Journal articles and leaflets***

- Published 14 leaflets, pamphlets, guidelines on tea cultivation practices special reference to small holding sector
- Developed “Field Handbook on Tea and Rubber Inter cropping system”- for Small/Medium scale tea and Rubber growers
- Published field guidelines on “let’s protect our tea plantation from Stem and Branch Canker”,(1-2003)
- Published paper article on “Vidusaviya” - sustainable facilitation approach for replanting of tea smallholder lands in Sri Lankadepa (28.6.2018)
- Published paper article on ‘Let’s improve tea bush productivity and health by application of correct pruning practices’ in Sri Lankadeepa – (16-5-2005)
- Published paper article on ‘Let’s improve green leaf rate by minimizing post-harvesting losses in Sri Lankadeepa – (18-4-2005)
- Published paper article on ‘let’s plan field practices of tea land following rainfall pattern of region’ in Sri Lankadeepa (24-12.2003)
- Published paper article on ‘Red Mite infestation on tea plantation’ in Sri Lankadeepa (6-9.2004)
- Published two paper articles on ‘Essential field practices to be adopted for recovering of flood affected tea lands’ in Sri Lankadeepa (23--6.2003) and in 18.6.2003
- Published paper article on ‘Red Mite damage in tea plantation’ in Dinamina- (1-9.2001)

### ***8.6 Theses/Dissertations***

- 8.6.1 Amarathunga, M.K.S.L.D (2015) Ph.D Theses “Development of Public Private Partnership Extension Model for technology dissemination to tea small

holdings sector” PGIA, Un. Of Peradeniya.

- 8.6.2 Amarathunga, M.K.S.L.D (2000) M.Sc. Dissertation “Impact of Climate Change to Productivity of Tea Lands in Sri Lanka”. University of Colombo.
- 8.6.3 Amarathunga, M.K.S.L.D (1987) Conducted research project to “Study on Severity of Drought on Tea Lands in the low country”

## **8. THESIS SUPERVISION**

- 8.1** Vijesooriya K.W.T.T.H. (2023) Study on the factors affecting the transformation from conventional to organic tea cultivation in Uva high growing region
- 8.2** Hettiarachchige H.D.K.S., (2023) Factors Affecting Consumer Purchasing Decision on Single-Origin Black Tea in the Domestic Market (Based on Colombo & Gampaha Districts)
- 8.3** Kumarasingha. K.A.D.P.,(2023) Assessing Ethno Climatology Knowledge and Application of Adaptation Measures for Climate Change in Organic Tea Ecosystems of Uva High Grown Region
- 8.4** Herath R.P.K.D (2023) Assessing the Effectiveness of Organic Tea Smallholder Organization Models for the Sustainability of Agri-business Supply Chain of Bio Foods Pvt LTD
- 8.5** Ariyawansa D.L.T.G.H.N. (2023) Factors Affecting on the Loyalty Engagement of Tea Small Holders on Bought Leaf Supply Base of Tea Smallholder Factories PLC
- 8.6** .Musheer M.I.A (2023) Factors Affecting the Level of Coconut Fiber Products Exportation of Sri Lanka
- 8.7** Herath H.M.G.N. (2023) Evaluation of SMEs Involvement in Strawberry Cultivation in Nuwara Eliya District
- 8.8** Dissanayake H. (2022) Identification of Entrepreneurial Readiness and Challenges for Economic Home Gardens Located in Tea Small Holdings in Doluwa Divisional Secretariat in Kandy District.
- 8.9** Welhenal C.K. (2022) Assessing stakeholders’ satisfaction with the transformation of conventional tea auction into an e-auction.
- 8.10** Senavirathna, R (2022) Effectiveness of Farmer Field School Extension Approach for Dissemination Technologies to Tea Small Holdings in Kandy District.
- 8.11** Dissanayake, H., (2022) Identification of Entrepreneurial Readiness and Challenges for Economic Home Gardens Located in Tea Small Holdings in Doluwa Divisional Secretariat in Kandy District.
- 8.12** Dissanayaka, D.M.D.N (2022) FACTORS AFFECTING EMPLOYEE JOB PERFORMANCE IN CRYSBRO CHICKEN MEAT PROCESSING COMPANY.
- 8.13** Karunaratna R.M.H.S (2022) ERGONOMIC ANALYSIS OF PLUCKING MID ELEVATION TEA IN SRI LANKA
- 8.14** Jayasundra N.C. (2022) THE EFFECTIVENESS OF DIGITAL FARMER FIELD SCHOOL EXTENSION APPROACH ON TECHNOLOGY DISSEMINATION TO TEA SMALL HOLDINGS
- 8.15** Jayasooriya I.R.D.H (2022) ANALYZE THE FACTORS AFFECTING EXPORTERS’ SHARES ON VALUE-ADDED TEA EXPORTATION IN SRI LANKA
- 8.16** Chethmi Silva .(2022) Study on effectiveness of 4Ps Public, Private Producer partnership Tea extension model for smallholding sector

- 8.17** Dilshan, U.S.G., (2021), The Effectiveness of Farmer Field School Approach for Dissemination of Technologies to Seed Potato Farmers in Badulla District
- 8.18** Aththanayake A.M.M.B, . (2022) A study on factors influencing land productivity of proprietary tea estates in Badulla district
- 8.19** Tennakoon, H.T.R.N. (2021) Study on Factors Affecting Adoption of Control Measures for the COVID 19 Pandemic in Tea Plantation Sector in Badulla District
- 8.20** Gamage, G.D.M.D. (2021) Unravelling the Impact of Coconut Production Declining in Sri Lanka on the Kernel-based Export Products and Coconut Oil
- 8.21** Jayasinghe D.D. S Jayasinghe (2019) Performance of Partnership Extension Model implemented in the Low Country Tea Smallholding Sector. University of Peradeniya.
- 8.22** Vibhushana W.G.C, 2015, Evaluating the effectiveness of Extension Programs conducted by Tea smallholder Factories Plc. For Tea smallholders in Galle District. Un. of Peradeniya.
- 8.23** Kumari. D.A.N.I. (2010) Investigation on effectiveness of Horse Hair Blight (*Marasminus equicrinis*) Control Methods. Un of Sabaragamuwa.
- 8.24** Dassanayake, N.C. (2009) A Field Assessment of the Factors Affecting Horse Hair Blight (*Marasminus equicrinis*) in Tea in the Low Country District of Ratnapura. Un of Peradeniya.
- 8.25** Gunarathna W.A.D.K.L (2009) Factors Affecting Quality of the Vegetatively Propagated (VP) tea (*Camellia Sinensis* (L) O. Kuntze) Nursery Plants in the Commercial Tea Nurseries: A case Study in Kegalle and Kalutara Districts, Un. of Ruhuna.
- 8.26** Dharmadasa, U.G.H.P. (2008) A Public and Private Partnership Extension Approach for Effective Dissemination of Technologies with Special reference to Tea Small Holding Sector in Ratnapura District. Un. of Ruhuna.
- 8.27** Ranasinghe, R.M.T.D. (2006) Current status of agro-chemical usage pattern in tea smallholding sector in Kegalle District, Un. Of Peradeniya

## **9. TEACHING CONTRIBUTION**

- 9.1** Working as a Senior Lecturer of the Department of Export Agriculture from October, 2020.
- 9.2** Worked as a visiting lecturer and also conducted Supervision of research projects related to Management of Agri-business, Tea physiology, Tea cultivation and process technologies, Social development, Value addition and product develop, Extension methods and Methodologies in Tea sector for Post graduate, under graduate attached to University of Peradeniya, Ruhuna, Sabaragamuwa, Uva Wellassa, Wyamba and Sri Jayawardhanapura during working carrier at Tea Research Institue as well as Tea Smallholder Factories Plc.

**9.3** Lecturer in National Institute of Plantation Management covering subjects of Tea Cultivation and Processing Technologies, Agricultural Extension and Marketing Management for diploma and higher diploma students

**9.4** Worked as a visiting lecturer in Aquinas and School of Agriculture Hardy, Kundasale, Kuliyaipitiya, Karapincha, Agunakolapalassa etc. covering subjects of Tea Cultivation and Processing Technologies, Agricultural Extension for diploma and higher diploma students.

## **10. OTHER POSITIONS HELD**

**10.1** Worked as a coordinator of Regional Scientific and Extension forum of corporate sector (1998-2010) and Regional Technical and Extension forum of smallholding sector (2004-2010)

**10.2** Worked as an officer in-charge/Tea Research Institute - Deniyaya station (1995/96 & 2001/2002)

**10.3** Worked as a Research committee member -Designing and carrying out experiments on Tea cultivation and Processing and Energy Conservation. Designing new machinery for Tea Processing. Visiting tea factories to advice on matters related to all aspect of tea manufacture, testing and certification new machinery since 1995.

**10.4** Committee member ( Tea smallholding sector) of Rainforest Alliance tea producer forum since 2013. Works as a resource person for reviewing Rainforest standard and develop local interpretation in maintaining RA Standard

**10.5** Committee member of professional body of Sri Lanka agricultural Extension Association -2016/17 and played a key role representing the Tea Plantation and smallholder sectors in the policy recommendations initiated by the SLAEA

**10.6** General Secretary, Section B of SLAAS – 2004/5. Coordinating and organizing for event on Popularizing of Science among student,

**10.7** Committee member of Soil science association of Sri Lanka 2003/4. And organizing national events for Popularizing soil science, Assistance to study soil profile and develop soil map.

**10.8** Committee member of Partnership project of smallholder-TSFL-John Keells foundation and Carbon Conservation Company on planting of forest and fruits plants in economical bare lands and home lands of tea small holdings aiming to improve bio diversity of smallholder home garden and protecting buffer zones of Sinharaja and Kanneliya during 2014-2018 .

**10.9** Committee member Partnership project of mechanization of field activities conducted in collaboration with Ministry of Plantation Industries -TRI-Bought leaf factory base smallholders in 2016.



## **11. RESOURCE PERSON**

- 11.1** Worked as a member in curriculum development activities of the proposed degree programme of B.Sc. Hons in Agricultural Enterprise Development and Management degree programmer.
- 11.2** Worked as a member in Preparation of course materials for M.Sc. in Sustainable Crop Production.
- 11.3** Worked as a member in the development of course capsules of “Development Perspectives of Modern Agricultural Extension on Entrepreneurship & Rural Development” for proposed degree program on M.Sc. in Agricultural Entrepreneurship and Rural Development
- 11.4** Worked as a member of the Higher Degree Committee of the Faculty of Animal Science and Export Agriculture since 2021.
- 11.5** Panel member of Curriculum development of NVQ 4-6 Diploma and Higher Diploma Training Program of National Institute of Plantation Management-2015-2020.
- 11.6** Licensed assessor for evaluating NVQ practical training and competence skill of diploma and higher diploma students Committee member of working group of 5 video programs on tea cultivation practices, Two interactive CDs on Mechanization tea cultivation practices and rainfall and yield trend, Committee member of Smallholding sector-MPI directed COP assessment for developing green leaf rate detection formula -2008/9
- 11.7** Committee member of two tea census assessment project of corporate sector tea estate -2003 and 2008
- 11.8** Represented as a resource person at an international conference on "Transforming Agricultural Extension Systems: Towards Achieving the Sustainable Development Goals for Global Impact from 10-11th May 2018 at Oak Ray Regency, Kandy and shared my experience in tea sector.
- 11.9** Committee member of the National Agricultural Extension Network of Sri Lanka since 2018. Coordinate to conduct capacity building programme, introducing New. extensionists tool kits for strengthening the competence of extension workers, and organizing national extension events.
- 11.10** Coordinated Research, Advisory and Extension forum of Tea Research Institute and Tea smallholding development Authority from 2004-2010.

## **12. CONSULTANCIES**

- 12.1** Assist to Development of Agri-business Program for bought leaf sector, conducting situation analysis, SWOT analysis, Planning work plan, risk analysis, developing risk mitigation plan, business contingency plan, implementation of bought leaf business plan, monitoring and evaluation, and social impact analysis.
- 12.2** Assist to develop plantation development program, planning and execution of project, monitoring and evaluation the project outcomes, reporting and interpretation in relevant stakeholder's forums etc.
- 12.3** Conducting Field land suitability assessment, Need assessment and Technology

transferring and Monitoring for tea growers

**12.4** Enhance the knowledge of smallholders/proprietary holders of TSF PLC on good agricultural practices. Management of finance, human resources and other inputs and equipment, record keeping, budgeting etc. strengthening entrepreneurship skill of tea growers.

**12.5** Conducting an Integrated soil fertility management approach for tea Growers/smallholders

**12.6** Guiding to improve bio-diversity and mitigate tea land degradation by launching Rain forest certification program in collaboration with Global Environment Forum project to small holdings sector.

### **13. EDITOR/REVIEWER ASSIGNMENTS**

- Worked as a reviewer for the 4th International Conference of Agricultural Sciences (AgInsight 2022), Sabaragamuwa University of Sri Lanka, 39-42.
- Worked as a reviewer for the International Research Conference of UWU 2021.
- Worked as a member of the review panel of the Sri Lanka Journal of Economic Research (SLJER) Vol. 9 (No. 1) December 2021.
- Worked as a reviewer for the symposium article of International symposium on Agriculture and Environment of University of Ruhuna in 2021
- Worked as a reviewer of the Harvest journal, UWU since 2021
- Worked as an evaluator of final research proposal presentation and final research outcome presentation on the course of Agri-economics, Entrepreneurial and Extension in 2021.
- Worked as a reviewer for the symposium article of seven international symposium on Dry Zone Agriculture (ICDA-2021),

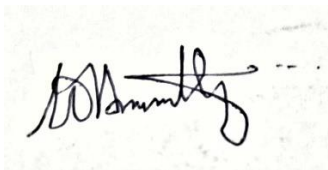
### **14. SCIENTIFIC SOCIETIES MEMBERED**

- Member of Association of International Agricultural Extension and Education since 2023
- Committee member (Tea smallholding sector) of Rainforest Alliance tea producer forum since 2013.
- Committee member of professional body of Sri Lanka agricultural Extension Association since 2016
- Sri Lanka Association for Advance of Science -Section B since 2004
- Committee member of Soil science association of Sri Lanka since 2003.
- Committee member of National Agricultural Extension Network of Sri Lanka since 2018.

### **15. TWO REFEREES**

<b>1.Name</b>	<b>Prof. W.A.D.P.Wanigasundera</b>
<b>Designation</b>	<b>Senior Professor</b>
<b>Address</b>	<b>Department of Agricultural extension</b>
	<b>Faculty of Agriculture</b> <b>Un. of Peradeniya</b>
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<b>11. Name</b>	<b>Prof. Saman K. Herath</b>
<b>Designation</b>	<b>Dean Faculty of Animal Science and Export Agriculture</b>
<b>Address</b>	<b>Uva Wellassa University of Sri Lanka</b> <b>Passara Road</b> <b>Badulla 90000</b>
<b>Contact no/email</b>	<b>0713143272, <a href="mailto:samanherath@uwu.ac.lk">samanherath@uwu.ac.lk</a></b>

As I am involved in multidisciplinary activities of both public and private sectors by conducting lectures and supervision in the field research for Postgraduate, Undergraduate, and Higher diploma students' research project, the process of curriculum development for the B.Sc. and M.Sc. degree programs of the Uva Wellassa University and other institutes, and also the process of technology dissemination and Project proposal development and implementation in the field of the Agricultural Extension and Human Resource Management sectors in Sri Lanka, I strongly believe and high confidence that I will be able to conduct any given tasks in the development project.



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Dr. M.K.S.L.D.Amarathunga

14.06.2024