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Professor in Soil Science

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PROFILE

A Soil Scientist doctored in the field of Soil Science having graduated in Agricultural Sciences and mastered in Physical Land Resources (Soil Science) with research interests on Soil Fertility Management, Soil Carbon Dynamics and Global Warming. The objective is to serve the organisation by the level best being hardworking, enthusiastic, and self-motivated.

EDUCATIONAL QUALIFICATIONS

PhD (Soil Science) (Exceptional PhD Thesis) in 2012

New Zealand Biochar Research Centre, Institute of Natural Resources
Massey University, New Zealand

MSc in Physical Land Resources (Soil Science) (Distinction) in 2006

Faculty of Bioscience Engineering
Ghent University, Belgium

Master of Physical Land Resources (Soil Science) (Distinction) in 2005

Faculty of Bioscience Engineering
Ghent University, Belgium

BSc in Agricultural Sciences (Plantation Agriculture) (2nd Class Upper Division) in 2003

Faculty of Agricultural Sciences
Sabaragamuwa University, Sri Lanka

ACADEMIC HONOURS (AWARDS, RECOGNITIONS AND SCHOLARSHIPS)

1. **Tier 04 Researcher (Agriculture) – 2018** as per the *h*-index recognised by Uva Wellassa University of Sri Lanka
2. **Vice Chancellor’s Award – 2017 for the Most Outstanding Senior Researcher of the Year** by Uva Wellassa University of Sri Lanka
3. **‘UWU Research Award for Scientific Publications - 2017’** by Uva Wellassa University of Sri Lanka
4. **‘Merit Awards for Scientific Publication 2016’** by National Research Council, Sri Lanka.
5. **‘UWU Research Award for Scientific Publications - 2016’** by Uva Wellassa University of Sri Lanka
6. **‘President’s Award for Scientific Publications - 2015’** by National Research Council, Sri Lanka.
7. **‘UWU Research Award for Scientific Publications - 2015’** by Uva Wellassa University of Sri Lanka
8. **‘Business Solution Award 2015’** (The 4th Place/An Automated Soil and Climatic Conditions Controlling Greenhouse) by Uva Wellassa University of Sri Lanka
9. **‘President’s Award for Scientific Publications - 2014’** by National Research Council, Sri Lanka.

10. 'UWU Research Award for Scientific Publications - 2014' by Uva Wellassa University of Sri Lanka
11. 'Exceptional PhD Thesis' and included in the Dean's List 2013 by Massey University, New Zealand.
12. 'Merit Awards for Scientific Publication 2013' by National Research Council, Sri Lanka.
13. 'Merit Awards for Scientific Publication 2012' by National Research Council, Sri Lanka.
14. 'Biochar Doctoral Scholarship 2009' by the Massey University, New Zealand
15. 'VLIR Scholarship for Master of Science in Physical Land Resources - 2004' by the Development Cooperation of the Flemish Interuniversity Council (VLIR), Belgium
16. 'Included within 400', Ranking of Scientists in Sri Lankan Institutions (September 2015), based on Google Scholar Citations Profiles.
17. 'Included within 250', Ranking of Scientists in Sri Lankan Institutions (February 2015) based on Google Scholar Citations Profiles.
18. 'Included within 5', the Top Cited Articles Published in Journal of Geoderma in 2013 and cited between January 2014 and July 2016, according to Scopus Citation counts (142 citations as per the Google Scholar Citations Counting by April 17, 2017)

PUBLICATIONS

Indexed/Peer Reviewed Journal Articles

1. Congying Wang, Yingdi Wang, **H.M.S.K. Herath**, 2017. Polycyclic aromatic hydrocarbons (PAHs) in biochar – Their formation, occurrence and analysis: A Review. *Organic Geochemistry*, 114, 1 – 11.
2. Yun Xie, Zhenggui Gu, **H.M.S.K. Herath**, Minfen Gu, Chang He, Fang Wang, Xin Jiang, Jie Zhang, Yiping Zhang, 2017. Evaluation of bacterial biodegradation and accumulation of phenanthrene in the presence of humic acid. *Chemosphere*, 184, 482 – 488.
3. Jayasundara, J.M.S.M.B, **Herath, H.M.S.K.**, Wanniarachchi, W.K.I.L., 2017. An Automated Soil and Climatic Conditions Controlling Greenhouse with Arduino. *International Journal of Scientific Engineering and Technology*, 6 (12), 349 – 353.
4. Pavithra, E., Sirisena, D.N., **Herath, H.M.S.K.**, 2017. Effect of potassium fertilizer split applications together with straw on optimum potassium level in leaf and stem of rice. *Journal of Agricultural Sciences*, 11 (3), 24 – 33.
5. Wang, L., Butterly, C.R., Tian, W., **Herath, H.M.S.K.**, Xi, Y., Zhang, J., Xiao, X., 2016. Effects of fertilization practices on Aluminum fractions and species in a wheat soil. *Journal of Soils and Sediments*, 16, 1933 – 1943.
6. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, Kirschbaum, M.U.F., Van Hale, R., 2015. Experimental evidence for sequestering C with biochar by avoidance of CO₂ emissions from original feedstock and protection of native soil organic matter. *Global Change Biology-Bioenergy*, 7 (3), 512-526.
7. Wang, C., Anderson, C., Suárez-Abelenda, M., Wang, T., Camps-Arbestain, M., Ahmad, R., **Herath, H.M.S.K.**, 2015. The chemical composition of native organic matter influences the response of bacterial community to input of biochar and fresh plant material. *Plant and Soil* 395 (1-2), 87-104.
8. Suárez Abelenda, M., Ahmad, R., Camps Arbostain, M., **Herath, H.M.S.K.**, 2015. Changes in the chemical composition of soil organic matter of an Alfisol and an Andisol

during a 510-day laboratory incubation with and without plants: a pyrolysis GC/MS study. *Plant and Soil*, 391 (1-2), 161-177.

9. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, Robert Van Hale, Joeri Kaal, 2014. Fate of biochar in chemically- and physically-defined soil organic carbon pools. *Organic Geochemistry*, 73, 35-46.
10. Wang, C., Wang, T., Li, W., Yan, J., Li, Z., Ahmad, R., **Herath, H.M.S.K.**, Zhu, N., 2014. Adsorption of deoxyribonucleic (DNA) by willow biochar produced at different temperatures. *Biology and Fertility of Soils*, 50 (1), 1-850: 87 – 94.
11. Lei Wang, Yu Wang, **Herath, H.M.S.K.**, Y Xi, 2014. Effect of crop residue biochars on soil acidity amelioration in strongly acidic tea garden soils. *Soil Use and Management*, 30 (1), 119-128.
12. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, 2013. Effect of biochar on soil physical properties in two contrasting soils: an Alfisol and an Andisol. *Geoderma*, 209: 188 – 197.
13. Yu Wang, Lei Wang, Guodong Fang, **Herath, H.M.S.K.**, Yujun Wang, Long Cang, Zubin Xie, Dongmei Zhou, 2013. Enhanced PCBs sorption on biochars as affected by environmental factors: humic acid and metal cations. *Environmental Pollution*, 172: 86 – 93.
14. Yu Wang, YJ Wang, Lei Wang, Guo-Dong Fang, Long Cang, **Herath, H.M.S.K.** Dong-Mei Zhou, 2013. Reducing the bioavailability of PCBs in soil to plants by biochars assessed with triolein-embedded cellulose acetate membrane technique. *Environmental Pollution*, 174: 250 –256.
15. Wang, L., Butterly, C.R., Yang, X.L., Wang, Y., **Herath, H.M.S.K.**, Jiang, X., 2012. Use of crop residues with alkaline slag to ameliorate soil acidity in an Ultisol. *Soil Use and Management*: 28 (2): 148 - 156.
16. Leroy, B.L.M., **Herath, H.M.S.K.**, Sleutel, S., De Neve, S., Gabriels, D., Reheul, D., R., Moens, M., 2008. The quality of exogenous organic matter: short term effects on soil physical properties and soil organic matter fractions. *Soil Use and Management*, 24: 139-147.
17. Leroy, B.L.M., **Herath, H.M.S.K.**, De Neve, S., Gabriels, D, Lydia Bommele, L., Reheul, D., Moens, M., 2008. Effects of vegetable, fruit and garden (VFG) waste compost on soil physical properties. *Compost Science and Utilization*, 16 (1): 43-51.

Books

1. **Herath, H.M.S.K.**, 2017. Biochar: A Long Lasting and Multi-functional Soil Amendment. Uva Wellassa University, Badulla. ISBN 978-955-38110-1-1.
2. **Herath, H.M.S.K.**, 2017. Soil Organic Matter: The base for Improving Soil Physical Properties. Uva Wellassa University, Badulla. ISBN 978-955-38110-0-4.

Abstracts/Extended Abstracts

1. Ekanayake, E.M.T.S., Alakolanga, A.G.A.W., **Herath, H.M.S.K.**, 2019. Effect of activated carbon produced from spent tea leaves on dechlorination of water. Proceedings of International Research Conference 2019, Uva Wellassa University, Badulla, Sri Lanka, February 07 – 09, 2019. Pp. 49.
2. Dahanayake, P.M., Prematilake, M.M.S.N., Henegamage, A.P.N., **Herath, H.M.S.K.**, 2019. Effect of α -pinene on the soil bacterial and fungal population and soil organic carbon in Eucalyptus plantations. Proceedings of International Research Conference 2019, Uva Wellassa University, Badulla, Sri Lanka, February 07 – 09, 2019. Pp. 53.

3. Rathnasuriya, M.D.D., Perera, G.A.A.R., **Herath, H.M.S.K.**, 2019. Investigation on the possibility of harnessing biogas from spent tea leaf. Proceedings of International Research Conference 2019, Uva Wellassa University, Badulla, Sri Lanka, February 07 – 09, 2019. Pp. 65.
4. Kodithuwakku, P., Jeewani, D.G.C., Alwis, L.M.H.R., **Herath, H.M.S.K.**, 2019. Screening of *Arachis hypogaea* L. (Groundnut) breeding lines for seed size and short duration under rain fed conditions. Proceedings of International Research Conference 2019, Uva Wellassa University, Badulla, Sri Lanka, February 07 – 09, 2019. Pp. 293.
5. **Herath, H.M.S.K.**, 2018. Effect of biochar on soil carbon sequestration in volcanic and non-volcanic grassland soils. Proceedings of the 4th International Grassland Agroecosystems Conference, Lanzhou, China, September 24 – 27, 2018. Pp. 74 – 77.
6. Priyadarshana, R.W.I.B., Subasinghe, H.M.P.A., **Herath, H.M.S.K.** and Ranawana, S.R.W.M.C.J.K., 2018. Effect of different irrigation levels on flower initiation and some yield attributes of black pepper (*Piper nigrum* L.). Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 12.
7. Vijayangani, M.P.N.N., Mohotti, K.M., Jayasingha, H.A.S.L. and **Herath, H.M.S.K.**, 2018. Effect of organic and conventional management of tea [*Camellia sinensis* (L.) O. Kuntze]ncultivation on soil productivity and crop response of tea on the fifth pruning cycle. Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 26.
8. Seelawansa, K.A.T.L.S., Warshamana, I.K., Nugaliyadde, L., Weerawansa, A.N.R. and **Herath, H.M.S.K.**, 2018. Development of a fumigation protocol for liquid phosphine to control the rice weevil (*Sitophilus oryzae*) in stored milled rice. Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 30.
9. Bandara, K.M.S., Dharmadasa, R.A.P.I.S., **Herath, H.M.S.K.** and Withanage, N.S., 2018. Household level impacts of *Uma Oya* development project. Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 145.
10. Wimalaweera, H.S.N.L., Ayoni, V.D.N., Maduwanthi, B.C.H. and **Herath, H.M.S.K.**, 2018. Site-specific fertilizer application in paddy: Implementation guidance for policy makers of Sri Lanka. Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 152.
11. Augustin, A.M., Senarathne, S.H.S., Premathilake, K.G. and **Herath, H.M.S.K.**, 2018. Germination characteristics of Rhizomes of *Panicum maximum* in coconut plantations of Sri Lanka. Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 270.
12. Mihindukula, D.D.I.D., Kannangara, K.N. and **Herath, H.M.S.K.**, 2018. Evaluation of refused tea as an alternative medium for coir dust in potting mixtures using hot pepper (*Capsicum chinense* Jacq). Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 47.
13. Liyanage, W.L.A.M., **Herath, H.M.S.K.**, Wijesinghe, H.G.I.M. and Perera, C.R.C., 2018. Use of coir fibre waste as an effective raw material for fibre boards reinforced with natural rubber latex compounds and phenol-formaldehyde resin. Proceedings of the International Research Symposium 2018, Uva Wellassa University, Badulla, Sri Lanka, February 01 – 02, 2018. Pp. 414.
14. **Herath, H.M.S.K.**, 2017. Assessment of labile fraction of unprotected soil organic carbon pool in the presence of biochar. 13th International Conference of East and

- Southeast Asia Federation of Soil Science Societies (ESAFS), Pattaya, Thailand, December 12 – 15, 2017. Pp. xxx.
15. Abirancheleah, A., Iqbal, Y.B., **Herath, H.M.S.K.**, 2017. Effect of panchagavya on growth and yield components in rice (*Oryza sativa* L. variety BG 300). Proceedings of the International Research Symposium 2017, Uva Wellassa University, Badulla, Sri Lanka, January 19 – 20, 2017. Pp. 290.
 16. Bandara, B.D.R.D.R., Weerasinghe, P., **Herath, H.M.S.K.**, Silva, N.R.N., Masimbula, M.V.R.S., 2017. Analysis of nitrate accumulation in spinach (*Abelmoschus esculentus*). Proceedings of the International Research Symposium 2017, Uva Wellassa University, Badulla, Sri Lanka, January 19 – 20, 2017. Pp. 300.
 17. Godagama, E.B.K., Weerasinghe, P., **Herath, H.M.S.K.**, Silva, R., 2017. Study on sulfur use efficiency in radish (*Raphanus sativus* L.). Proceedings of the International Research Symposium 2017, Uva Wellassa University, Badulla, Sri Lanka, January 19 – 20, 2017. Pp. 303.
 18. Chandrakumara, A.H.C., Herath, H.M.I.K., **Herath, H.M.S.K.**, 2017. Evaluation of plant nutrient source derived from coconut husk. Proceedings of the International Research Symposium 2017, Uva Wellassa University, Badulla, Sri Lanka, January 19 – 20, 2017. Pp. 306.
 19. Dissanayaka, E.M.K., Idamekorala, P.R., **Herath, H.M.S.K.**, Weerawardhane, T.E., 2017. Study on nutrient removal in black pepper (*Piper nigrum* L.) at different stages of harvesting. Proceedings of the International Research Symposium 2017, Uva Wellassa University, Badulla, Sri Lanka, January 19 – 20, 2017. Pp. 307.
 20. Amarasinghe, A.G.P.N., **Herath, H.M.S.K.**, Jayasinghe, H.A.S.L., Gnanasekaran, R., 2017. Short-term effect of biodynamic vitalizer application pattern on yield of tea (*Camellia sinensis* (L.) O. Kuntze). Proceedings of the International Research Symposium 2017, Uva Wellassa University, Badulla, Sri Lanka, January 19 – 20, 2017. Pp. 309.
 21. Dilrukshi, V.P.A., Rathnayake, R.M.C.W.M., Rathnayake, W.M.U.K., **Herath, H.M.S.K.**, 2016. Determination of optimal grid size for mapping soil property distribution for paddy cultivation. 6th Research Symposium, Uva Wellassa University – Badulla, Sri Lanka, January 28 – 29, 2016.
 22. Chathuranga, R.P.G., Rathnayake, R.M.C.W.M., Rathnayake, W.M.U.K., **Herath, H.M.S.K.**, 2016. Development of soil fertility map for paddy cultivating areas of Mahaweli system B in Polonnaruwa district. 6th Research Symposium, Uva Wellassa University – Badulla, Sri Lanka, January 28 – 29, 2016.
 23. Jayasundara, J.M.C.K.K., **Herath, H.M.S.K.**, Dabarera, R., Gunadasa, H.K.S.G., 2016. Effect of mulching on cabbage (*Brassica oleracea* var *green coronet*) cultivation in Welimada area. 6th Research Symposium, Uva Wellassa University – Badulla, Sri Lanka, January 28 – 29, 2016.
 24. Dilina, M.A.D.T., Kahandage, K.P.M., **Herath, H.M.S.K.**, Yasarathne, S., 2016. Determinants of tea exporters' intension to import other origin orthodox tea. 6th Research Symposium, Uva Wellassa University – Badulla, Sri Lanka, January 28 – 29, 2016.
 25. **Herath, H.M.S.K.**, W.M.S.D. Bowatte, P.C.D. Newton, 2015. Effect of elevated CO₂ on the distribution of organic carbon among soil fractions. Soil Science Conference of Malaysia 2015, Putrajaya, Malaysia, April 7 – 9, 2015.
 26. Lakmali, W.G.S., **Herath, H.M.S.K.**, Silva, N.R.N., 2015. Effect of nitrogen fertilization on nitrate accumulation in radish (*Raphanus sativus*) and beetroot (*Beta vulgaris*). 5th Research Symposium, Uva Wellassa University – Badulla, Sri Lanka, January 29 – 30, 2015.

27. Dissanayake, D.R.T.N.K., **Herath, H.M.S.K.**, Gunadasa, H.K.S.G., Weerasinghe, P., 2015. Nitrogen and potassium fertilizer response on growth and yield of hybrid luffa – Naga f1 variety. 5th Research Symposium, Uva Wellassa University – Badulla, Sri Lanka, January 29 – 30, 2015.
28. Priyadharsana, N.L.V.N., **Herath, H.M.S.K.**, Jayathilake, M.A.N., 2015. Effect of black tea adulteration on quality parameters of black tea. 5th Research Symposium, Uva Wellassa University – Badulla, Sri Lanka, January 29 – 30, 2015.
29. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, Robert Van Hale, Joeri Kaal, 2014. Fate of biochar in chemically- and physically-defined soil organic carbon pools. 20th World Congress of Soil Science, Jeju, Korea, June 8 – 13, 2014.
30. Congying Wang, Tao Wang, Wenbin Li, Jifeng Yan, Zengbo Li, Riaz Ahmad, **Herath, H.M.S.K.**, Na Zhu, 2013. Adsorption of deoxyribonucleic (DNA) by willow biochar produced at different temperatures. New Zealand 2013 Biochar Workshop, Palmerston North, New Zealand. 4th – 5th July, 2013.
31. Congying Wang, Marta Camps Arbostain, Craig Anderson, Manuel Suarez, Riaz Ahmad, Tao Wang, **Herath, H.M.S.K.**, 2013. Influence of the molecular composition of native organic matter on the response of soil bacterial community to organic amendments (including biochar). New Zealand 2013 Biochar Workshop, Palmerston North, New Zealand. 4th – 5th July, 2013.
32. Riaz Ahmad, Marta Camps Arbostain, **Herath, H.M.S.K.**, 2013. Sorption of carbaryl and atrazine in soils after a long-term amendment of biochar. New Zealand 2013 Biochar Workshop, Palmerston North, New Zealand. 4th – 5th July, 2013.
33. Perera, W.N.U., **Herath, H.M.S.K.**, Asanka, J.R.K., 2013. Determination of shell charcoal yield of different coconut varieties in Sri Lanka under optimum temperature condition. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
34. Nandasena, M.A.G.H., **Herath, H.M.S.K.**, Dharmakeerthi, R.S., 2013. Effect of biochar on phosphorous availability and fixation in some rubber growing soils of Sri Lanka. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
35. Mirissala, B.G.C.D.K., **Herath, H.M.S.K.**, Nainayake, N.P.A.D., 2013. Evaluating root distribution pattern of selected coconut cultivars at seedling stage under different climatic and soil conditions. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
36. Jayamuthu, J.P.D.L., **Herath, H.M.S.K.**, Fernando, T.H.P.S., Siriwardena, D., 2013. Isolation of antagonistic organisms against *Rigidoporous micropores* from soils of main rubber growing areas in Sri Lanka. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
37. Peragasthenne, D.S., **Herath, H.M.S.K.**, Chandrasena, G., Abesekara, N.N.R., 2013. Effective decomposition of tobacco (*Nicotina tabacum*) waste using bacteria earth worm combination. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
38. Dasanayake, I.G.C.R., **Herath, H.M.S.K.**, Sirisena, D.N., 2013. Effect of long term phosphorous fertilizer application on phosphorous availability and Cd accumulation in rice soils (*Oryza sativa* L.). Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
39. Buddhika, I.D.M., **Herath, H.M.S.K.**, Jayasinghe, G.G., 2013. Effect of weed control methods on soil invertebrate community in cinnamon (*Cinnamomum zelanicum* Blum.)

- ecosystem. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
40. Rathnayake, R.A.G.S., **Herath, H.M.S.K.**, Dharmakeerthi, R.S., 2013. Effect of biochar application on pH buffering capacity of rubber growing soils. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
 41. Thilanga, G.P.D.L.S., **Herath, H.M.S.K.**, Edirisinghe, D.G., Sampath, W.D.M., 2013. Evaluation of suitability of palmyrah fibre as a replacement for coconut fibre in carbon black filled natural rubber composites. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. 12th – 13th December, 2013.
 42. Asangika, H.L.T., Samaraweera, A.M., **Herath, H.M.S.K.**, Wickramasinghe, W., 2013. Comparison of effectiveness of fertilizer produced from tannery waste with synthetic fertilizer for plant growth. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. December 12 – 13, 2013. Pp. 1 – 3.
 43. Madumal, M.N.N.B., Weerawansa, A.N.R., **Herath, H.M.S.K.**, Liyanage, S.M., 2013. Developing composite boards using rice husk and coir pith. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. December 12 – 13, 2013. Pp. 31 – 32.
 44. Sirisena, A.M.N.T., Alakolanga, A.G.A.W., **Herath, H.M.S.K.**, Wickramage, C.P., 2013. Development of a flavoured jelly incorporated with green tea extract. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. December 12 – 13, 2013. Pp. 46 – 48.
 45. Wijebandara, L.R.S.P., Bandara, S.M.I.P.G., **Herath, H.M.S.K.**, Liyanage, A., 2013. Determination of selective chemical quality parameters of commercial tea blends. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. December 12 – 13, 2013. Pp. 49 – 52.
 46. Karunarathna, P.B.D., Alakolanga, A.G.A.W., **Herath, H.M.S.K.**, Ranasinghe, T., 2013. Impact of leaching tank water on final quality of the glove. Research Symposium 2013, Uva Wellassa University, Badulla, Sri Lanka. December 12 – 13, 2013. Pp. 23.
 47. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, 2012. Stability of biochar in soil and its effect on native organic matter. The 4th International Biochar Congress, Beijing, China, 16 – 20th September, 2012. Pp. 42.
 48. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, 2012. Effect of biochar on the distribution of soil organic carbon in physical and chemical soil fractions. New Zealand 2012 Biochar Workshop, Palmerston North, New Zealand, 9th – 10th February, 2012: Pp. 18.
 49. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, 2012. Effect of biochar on soil physical properties in two contrasting soils. New Zealand 2012 Biochar Workshop, Palmerston North, New Zealand, 9th – 10th February, 2012: Pp. 26.
 50. Marta Camps-Arbestain, M. Hedley, R. Calvelo Pereira, **Herath, H.M.S.K.**, T wang, E. Wisnubroto, 2012. Is biochar a suitable amendment for New Zealand soils? Results from three years of research at the NZBRC. The 4th International Biochar Congress, Beijing, China, 16 – 20th September, 2012. Pp. 50.
 51. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, 2011. Effect of fresh and carbonized corn stover on the mineralization of soil organic carbon in volcanic and non-volcanic soils. APBC Kyoto 2011. Asia Pacific Biochar Conference. 15 – 18 September 2011. Pp. 48.
 52. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, 2011. Mineralization of carbon from fresh and carbonized corn stover in two New Zealand soils. New Zealand

- 2011 Biochar Workshop, Palmerston North, New Zealand, 10th – 11th February, 2011. Pp. 25.
53. **Herath, H.M.S.K.**, Marta Camps-Arbestain, Mike Hedley, 2011. Effect of different types and doses of biochars on the water retention capacity of a Typic Fragiaqualf and a Typic Hapludand. New Zealand 2011 Biochar Workshop, Palmerston North, New Zealand, 10th – 11th February, 2011. Pp. 26.
 54. **Herath, H.M.S.K.**, 2008. Effect of exogenous organic matter and fertilizer application on the distribution of organic carbon in soil fractions. Vavuniya Campus Annual Research Session-2008. Pp. 7.
 55. **Herath H.M.S.K.**, Prematilake K.G., Karunaratne P.M.A.S., 2003. Performance of pre- and tank-mixed herbicide formulations on the control of common weeds and Wel kohila (*Syngonium podophyllum*) present in tea fields. *SLAAS Proceedings*, 59th Annual Sessions, December, 2003, Colombo. Pp. 106.

Scientific Presentations

1. **Herath, H.M.S.K.**, 2018. Effect of biochar on soil carbon sequestration in volcanic and non-volcanic grassland soils. Proceedings of the 4th International Grassland Agroecosystems Conference, Lanzhou, China, September 24 – 27, 2018. Pp. 74 – 77.
2. **Herath, H.M.S.K.**, 2017. Assessment of labile fraction of unprotected soil organic carbon pool in the presence of biochar. 13th International Conference of East and Southeast Asia Federation of Soil Science Societies (ESAFS), Pattaya, Thailand, December 12 – 15, 2017.
3. **H.M.S.K. Herath**, W.M.S.D. Bowatte, P.C.D. Newton, 2015. Effect of elevated CO₂ on the distribution of organic carbon among soil fractions. Soil Science Conference of Malaysia 2015. Putrajaya, Malaysia, April 7 – 9, 2015.
4. **H.M.S.K. Herath**, Marta Camps-Arbestain, Mike Hedley, Robert Van Hale, Joeri Kaal, 2014. Fate of biochar in chemically- and physically-defined soil organic carbon pools. 20th World Congress of Soil Science, Jeju, Korea, June 8 – 13, 2014.
5. **H.M.S.K. Herath**, 2014. Experimental evidence for sequestering carbon with biochar by avoidance of CO₂ emissions from original feed stock and protection of native soil organic matter. Technical Session of the 44th Annual Sessions of Soil Science Society of Sri Lanka (SSSSL). SRICANSOL Centre, Faculty of Agriculture, University of Peradeniya, Peradeniya. March 20, 2014.
6. **H.M.S.K. Herath**, Marta Camps-Arbestain, Mike Hedley, 2012. Stability of biochar in soil and its effect on native organic matter. The 4th International Biochar Congress, Beijing, China, September 16 – 20, 2012. Pp. 42.
7. **H.M.S.K. Herath**, Marta Camps-Arbestain, Mike Hedley, 2012. Effect of biochar on the distribution of soil organic carbon in physical and chemical soil fractions. New Zealand 2012 Biochar Workshop, Palmerston North, New Zealand, February 9 – 10, 2012. Pp. 18.
8. **H.M.S.K. Herath**, Marta Camps-Arbestain, Mike Hedley, 2012. Effect of biochar on soil physical properties in two contrasting soils. New Zealand 2012 Biochar Workshop, Palmerston North, New Zealand, February 9 – 10, 2012. Pp. 26.
9. **H.M.S.K. Herath**, Marta Camps-Arbestain, Mike Hedley, 2011. Effect of fresh and carbonized corn stover on the mineralization of soil organic carbon in volcanic and non-volcanic soils. APBC Kyoto 2011. Asia Pacific Biochar Conference, Kyoto, Japan. September 15 – 18, 2011. Pp. 48 – 49.
10. **H.M.S.K. Herath**, Marta Camps-Arbestain, Mike Hedley, 2011. Mineralization of carbon from fresh and carbonized corn stover in two New Zealand soils. New Zealand

2011 Biochar Workshop, February 10- 11, 2011. Massey University, New Zealand. Pp. 25.

11. **H.M.S.K. Herath**, Marta Camps-Arbestain, Mike Hedley, 2011. Effect of different types and doses of biochars on the water retention capacity of a Typic Fragiaqualf and a Typic Hapludand. New Zealand 2011 Biochar Workshop, February 10 – 11, 2011. Massey University, New Zealand. Pp. 26.
12. **H.M.S.K. Herath**, 2008. Effect of exogenous organic matter and fertilizer application on the distribution of organic carbon in soil fractions. Vavuniya Campus Annual Research Session-2008, November 11, 2008. Vauniya Campus of the University of Jaffna, Vauniya, Sri Lanka. Pp. 7.
13. **Herath, H.M.S.K.**, K.G. Prematilake, P.M.A.S. Karunaratne, 2003. Performance of pre- and tank-mixed herbicide formulations on the control of common weeds and Wel kohila (*Syngonium podophyllum*) present in tea fields. SLAAS Proceedings, 59th Annual Sessions, December, 2003, Colombo, Sri Lanka. Pp. 106.

Theses/Dissertations

1. **Herath, H.M.S.K.**, 2012. Stability of biochar and its influence on the dynamics of soil properties. *PhD. Thesis*. New Zealand Biochar Research Centre, Institute of Natural Resources, **Massey University, New Zealand**.
2. **Herath, H.M.S.K.**, 2006. Influence of the quality of exogenous organic matter on soil physical properties. *M.Sc. Thesis*, Faculty of Bio Science Engineering, **Gent University, Belgium**.
3. **Herath H.M.S.K.**, 2003. Manurial effects on the emergence and growth of weeds, Performance of pre- and tank-mixed herbicide formulations on control of (a) common weeds and (b) Wel kohila (*Syngonium podophyllum*) present in tea fields, Screening of new granular form of glyphosate (50 and 70 %) [Amiphosate] formulation. *B.Sc. Research Project Report*, Faculty of Agricultural Sciences, **Sabaragamuwa University of Sri Lanka**.

RECENT RESEARCH PROJECTS INVOLVED

1. Development of soil and water characteristic curve (MPhil research)
2. Effect of monotropene on the dynamics of soil microbiota and soil organic carbon (MPhil research)
3. Effect of grazing on distribution of soil organic carbon in different soil fractions in grasslands of China (Post-doctoral collaborative research with Lanzhou University, China)
4. Effect of alternative media including biochar on growth and quality of nursery plants in tea/Uva Wellassa University of Sri Lanka.
5. Impact of optimum soil and climatic conditions on growth and yield of tomato: introduction to automated smart farm concept/Uva Wellassa University of Sri Lanka.
6. Effect of biochar on yield and quality of tea/Dilmah Conservation, Dilmah Ceylon Tea Services PLC.
7. Modelling the climate sensitivity and assessing genetic structure of 'proso millet' (Mineri) in Sri Lanka/University Grant Commission (Innovative Research Grants - 2014).
8. Study on usage of agrochemicals and chemical fertilizers/Japan International Cooperation Agency (JICA), Sri Lanka.

THESIS SUPERVISION

- Co-Supervisor for 02 MPhil degrees/Uva Wellassa University, Sri Lanka
- Co-Supervisor for a PhD/Lanzhou University, China
- Co-Supervisor for a PhD/Nottingham Malaysia Campus, Malaysia (with the collaboration of Sabaragamuwa University of Sri Lanka)
- >30 undergraduate theses completed

TEACHING CONTRIBUTION

1. Principles of Soil Science EAG 171-2 (2 Credits, 22 hrs/theory + 16 hrs/practicals)
2. Plant Nutrition and Soil Fertility Management EAG 271-2 (2 Credits, 22 hrs/theory + 16 hrs/practicals)
3. Plant Nutrition and Soil Fertility Management TEA 271-2 (2 Credits, 22 hrs/theory + 16 hrs/practicals)
4. Plant Nutrition and Soil Fertility Management PLT 271-2 (2 Credits, 22 hrs/theory + 16 hrs/practicals)
5. Land Reclamation Engineering EAG 246-0 (1 Credit, only 8 hrs/theory)
6. Soil and Water Conservation Technology EAG 272-1 (1 Credit, 12 hrs/theory + 6 hrs/practicals)
7. Farming Systems EAG 253-1 (1 Credit, 15 hrs/theory)
8. Overview of Palm and Latex Industry PLT 121-1 (1 Credit, 15 hrs/theory + 2 field visits)
9. Energy Plantation and Crop Diversification PLT 277-0 (1 Credit, 15 hrs/theory)
10. Research Project Formulation and Scientific Writing EAG 491-0 (1 Credit, 15 hrs/theory)
11. General Agriculture BGE 232-3 (3 Credits, only 10 hrs/theory)
12. Agronomy EAG 151-3 (3 Credits, only 8 hrs/theory)
13. Introduction to Crop Science EAG 256-0 (2 Credits, only 6 hrs/theory)
14. Introduction to Agriculture TEA 142-2/0 (2 Credits, only 6 hrs/theory)
15. Basics in Crop Science ETA 111-2 (2 Credits, 4 hrs/theory)
16. Management of Plantation Crops EAG 352-2 (2 Credits, 30 hrs/theory)

WORK EXPERIENCE

- **Professor in Soil Science**, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University, Sri Lanka (from 18-04-2017 to the date).
- **Senior Lecturer (Gr. II)** in Soil Science, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University, Sri Lanka (from 15-07-2013 to 17-04-2017).
- **Lecturer** in Soil Science, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University, Sri Lanka (from 15-07-2008 to 15-07-2013).
- **Demonstrator**, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University, Sri Lanka (from 22-10-2007 to 14-07-2008).

- **Visiting Lecturer** on ‘Introduction to Soil Science’ and ‘Methods of Weed Control’, Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka (Academic Year 2007/2008).
- **Demonstrator** in the Department of Soils and Water Resources Management, Faculty of Agriculture, Rajarata University of Sri Lanka (from 01-10-2006 to 20-10-2007).
- **Visiting Lecturer** in ‘Ecological Agriculture’, External Degree Programmes and Extension Services Unit, Sabaragamuwa University of Sri Lanka (Academic Year 2004/2005).
- **Demonstrator** in the Department of Export Agriculture Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka (28-07-2003 to 27-07-2004).

OTHER POSITIONS HELD

1. **Chairman/Research Committee** - Uva Wellassa University of Sri Lanka (August 01, 2017 to the date)
2. **Director/Research** – Uva Wellassa University of Sri Lanka (August 01, 2016 to July 31, 2017)
3. **Warden/Males’ Hostels**, Uva Wellassa University of Sri Lanka (April 2013 to April 2016)
4. **Student Counselor** in Mentoring and Utilities & Logistical Support, of Sri Lanka (October 2013 to October 2016)
5. **Board Member** – Board of Study of the Faculty of Agricultural Sciences, Center for Open and Distance Learning of Sabaragamuwa University of Sri Lanka (from January 2016 to the date)
6. **Chairman/Accommodation Committee**, Uva Wellassa University of Sri Lanka (June 01, 2015 to June 01, 2016)
7. **Chairman/Research Policy Development Committee**, Uva Wellassa University of Sri Lanka
8. **Secretary/Uva Agriculture Development Forum** (2015/2016), Uva Province, Sri Lanka
9. **Co-ordinator/University Business Linkages (UBL) Unit**, Uva Wellassa University of Sri Lanka (August 2015 to October 2016)
10. **Senate Member** – Uva Wellassa University of Sri Lanka (Since November 2016)
11. **Editor and Co-ordinator** – University Website, Uva Wellassa University of Sri Lanka (March 2013 to April 2016)
12. **Secretary** – Research Symposium 2013, Uva Wellassa University of Sri Lanka
13. **Senior Advisor** – Nature Explorers’ Team, Uva Wellassa University of Sri Lanka
14. **Focal Point** – Uva Wellassa University for Agreements signed by Higher Educational Institutes in Sri Lanka
15. **Member/Research and Development Committee** – Ministry of Special Tasks, Sri Lanka (Since November 2016)
16. **Secretary** – Uva Wellassa University Teachers’ Association (UWUTA) (Since November 2016)
17. **Executive Member** – Uva Wellassa University Teachers’ Association (UWUTA) (2014 – 2016)
18. **Regional Co-ordinator/National Expert** – SME Sector Development of Sri Lanka/GIZ Assisted Programme (August 2015 to October 2016)

19. **Consultant/Agriculture Sector** – Vocational Education and Training (VET) Plan Development/Uva Province (2013/2014)
20. **Chairman/Member – Technical Evaluation Committees**, Uva Wellassa University of Sri Lanka
21. **Chairman/Student Disciplinary Committee**, Uva Wellassa University of Sri Lanka
22. **Chairman/Hostel Disciplinary Committee**, Uva Wellassa University of Sri Lanka
23. **Chairman/Member** – Working Committee to Develop Research Policy for Uva Wellassa University of Sri Lanka
24. **Chairman/Inquiring Committee** – Examinations, Uva Wellassa University of Sri Lanka
25. **Co-ordinator** – Palm & Latex Technology and Value Addition Degree Programme, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka
26. **Secretary** – Course Committee, Palm & Latex Technology and Value Addition Degree Programme, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka
27. **Research Co-ordinator** – BSc in Export Agriculture and BSc in Tea Technology and Value Addition degree programmes (2013 - 2015)
28. **Event Co-ordinator** – Integration Programme 2014 and 2015, Uva Wellassa University of Sri Lanka
29. **Event Co-ordinator/Procession** - Convocation 2013, Uva Wellassa University of Sri Lanka
30. **Committee Member/Curriculum and Evaluation Committee**, Uva Wellassa University of Sri Lanka
31. **Committee Member/Library Committee**, Uva Wellassa University of Sri Lanka
32. **Committee Member/Senate Quality Assurance (QA) Cell**, Uva Wellassa University of Sri Lanka
33. **Committee Member/Higher Degree Committee** - Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka
34. **Committee Member/Faculty Internal Quality Assurance Unit**, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka
35. **Committee Member/Organising Committee**, Convocation 2013, Uva Wellassa University of Sri Lanka
36. **Committee Member/Organising Committee**, Integration Programme 2013, Uva Wellassa University of Sri Lanka
37. **Committee Member/Facilitation Committee** 2014, Uva Wellassa University of Sri Lanka
38. **Supervisor** – Uva Wellassa University Aptitude Test (2013/2014/2015/2016)
39. **Supervisor** – Common Aptitude Test conducted island wide as a collaborative test of Rajarata University of Sri Lanka and Vauniya Campus of Jaffna University (2015/2016/2017)
40. **Sub Warden** – Uva Wellassa University (2008/2009), Uva Wellassa University of Sri Lanka
41. **Team Leader** – Annual Board of Survey – 2008, Uva Wellassa University of Sri Lanka
42. **Team Leader** – Student Guidance and Advisory Committee 2015, Uva Wellassa University of Sri Lanka

RESOURCE PERSON

1. Workshop on Research Methodology for Ayurvedic Doctors, Uva Province
2. Staff Development Center (SDC) - Research in Higher Education/Ethical Issues in Research, Staff Development Center, Uva Wellassa University
3. Visiting Lecturer for the Diploma in Ecological Agriculture (Ecological Agriculture I), External Degree Programmes and Extension Services Unit, Sabaragamuwa University of Sri Lanka
4. Visiting Lecturer for the Diploma in Organic Agriculture (Soil Science, Methods of Weed Control), Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka
5. Session on Exploring Higher Education/Status of University Admission and Programmes, Twinning Schools Programme Finale, Partnership with UNDB
6. Bio System Technology for A/L students in Uva province, organised by the Uva Agriculture Development Forum, Provincial Department of Education - Uva, and Uva Wellassa University
7. Awareness on Use of Technology in Agriculture Related Activities (Sinhala), District Secretariat, Monaragala District, Monaragala
8. Technical Seminar on Inspiration of Investors, Industrial Development Board of Ceylon, District Office, Badulla
9. Seminar on "Benefits of foliar application of NPK with micro nutrient fertilizers and benefits of soil application of micro nutrient fertilizers" (in Sinhala), Organized by Plantchem (Pvt.) Ltd. in Bandarawela
10. Seminar on "Recent Advancements of Agriculture" at the Training Workshop on Agriculture Development and Dissemination for the Agriculture Instructors (AIs) in Uva province, Organized by Uva Agriculture Development Forum (UADF) with the collaboration of Uva Wellassa University and Provincial Agriculture Department - Uva Province
11. Seminar on "Agricultural Science and Food Technology" for A/L students in Central College, Badulla, Central College, Badulla
12. Stakeholder Consultant - Preparation of National Research Priorities for the Forestry Sector - Stakeholder Consultation Workshop, Sri Lanka Council for Agricultural Research Policy National Committee on Forestry
13. Seminar on "Avenues for University Education" for A/L Technology Stream Students' Day (Sinhala), B/Dharmapala Secondary School, Bandarawela
14. Seminar on "Beyond the A/L Examinations" for newly recruited A/L Students, B/Dharmadutha College, Badulla
15. Seminar on "Avenues at University Education" for newly recruited A/L Students, B/Viharamahadevi Girls' College, Badulla
16. Seminar on "Importance of Technology" for A/L Technology Stream Students' Day (Sinhala), B/Dharmapala Secondary School, Bandarawela
17. Contribution for Curriculum Development of BSc in Export Agriculture, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University
18. Contribution for Curriculum Development of BSc in Agricultural Engineering Technology Degree Programme, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University

19. Contribution for Curriculum Development of Animal Science Degree Programme, Department of Animal Science, Faculty of Animal Science and Export Agriculture, Uva Wellassa University
20. Contribution for Curriculum Development of Agricultural Sciences Degree Programme (External), Faculty of Animal Science and Export Agriculture, Uva Wellassa University
21. Project on Land Reshaping to Maximize Land Use Efficiency in Machinery Usage in Paddy Fields, Uva Province

TRAININGS AND WORKSHOPS ATTENDED

1. **'Awareness Workshop on International Research Grants'**, at the National Science Foundation, Colombo (15-12-2016)
2. **'Workshop on Training on Inquiring into Sexual Harassment'** organised by the University Grant Commission at Hotel Berjaya (08-12-2016)
3. **'Workshop on Scientific Writing'** held at CARP, Colombo (03-10-2016)
4. **'Workshop on Business Model Innovation'** held by a GOPA Consultant under GIZ-SME Development programme at Uva Wellassa University (17-02-2016)
5. **'Certificate Course on Teaching in Higher Education'** - 160 hr course accredited by the University Grant Commission of Sri Lanka, Staff Development Center, Uva Wellassa University of Sri Lanka
6. **'Workshop on Higher Education for the Twenty First Century (HETC) for External Degree Programmes'** at Riverside Hotel, Badulla (24-11-2015)
7. **'Workshop on Outcome Based Curriculum Design and Development External Degree Programme in Agriculture'** at Heritage Resorts, Badulla (20 to 22-06-2015)
8. **'Workshop on Training of the Trainers on Converting Study Materials to Open and Distance Learning – 2015'**, Uva Wellassa University of Sri Lanka (14 to 16-06-2015).
9. **'Biochar Malaysia Workshop 2015'** organised by the Biochar Malaysia Association (BMA), Malaysia (06-04-2015).
10. **'Seminar on Open Access to Research Publications'** at the Senate House, University of Peradeniya (04-12-2014)
11. **'Study visit to Thailand Public and Private Organization (Food and Beverage SME Industry)'** (24 to 30-04-2013)
12. **'Workshop on Study and Management of Drylands'**, at International Centre of Eremology (ICE), Faculty of Bioscience Engineering, Gent University, Belgium (08-12-2005)
13. **'One day Field Excursion on the Subjects of Soil Mineralogy and Soil Genesis'** organized by the International Centre for Physical Land Resources (ICP), Gent University, Belgium (05-05-2005)
14. **'Six-days Field Excursion on the Subjects of Soil Prospection & Classification and Pedology'** organized by the International Centre for Physical Land Resources (ICP), Gent University, Belgium (29 to 30-03-2005, 01, 16 to 17-04-2005)
15. **'Workshop on 'Biodynamics in Agriculture'**, at Sabaragamuwa University of Sri Lanka (01 to 03-02-2004)
16. **'Scientific Survey on the Anicuts Systems in Walawe River Basin'** conducted by the International Water Management Institute (IWMI) (December 2002)

17. **'Field and Laboratory Training in All Research Activities on Low Country Tea Production and Manufacturing'** at Tea Research Institute (TRI), Low Country Station, Ratnapura (30-04-2002 to 30-10-2002)
18. **'Training on Farm Mechanization and Maintenance'** at Sri Lanka-West German Farm Mechanization Training Centre (FMTC), Anuradhapura, Sri Lanka (14 to 18-01-2002)
19. **'Certificate Course in Computer Applications'** conducted by the External Degree and Extension Services Unit, Sabaragamuwa University of Sri Lanka (2001)
20. **'English Course (General English Language Teaching and Study Skills/GELT Programme)'** conducted by the Sabaragamuwa University of Sri Lanka (from 27-02-1998 to 31-08-1998)

EDITOR/REVIEWER ASSIGNMENTS

- **Editor-In-Chief** – Journal of Agriculture and Value Addition (JAVA), Faculty of Animal Science and Export Agriculture, Uva Wellassa University
- **Member/Editorial Board** – Journal of Technology and Value Addition (JTVA), Uva Wellassa University
- **Editor** – UADF Newsletter, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka
- **Editor** – Proceedings of International Research Symposium of Uva Wellassa University of Sri Lanka (IRSUWU 2017)
- **Editor** – Proceedings of the 6th research Symposium, Uva Wellassa University of Sri Lanka
- **Editor** – Proceedings of the 5th research Symposium, Uva Wellassa University of Sri Lanka
- **Editor** – Proceedings of the Research Symposium 2013, Uva Wellassa University of Sri Lanka
- **Editor** – University Website (www.uwu.ac.lk), Uva Wellassa University of Sri Lanka (2013 – 2016)
- **Reviewer** – Proceedings of International Research Conference of Uva Wellassa University of Sri Lanka (IRCUWU 2019)
- **Reviewer** – Proceedings of International Research Symposium of Uva Wellassa University of Sri Lanka (IRSUWU 2017)
- **Reviewer** – 6th International Conference of Sabaragamuwa University of Sri Lanka (ICSUSL 2017)
- **Reviewer** – The 3rd International Conference of Agricultural Sciences 2016 (AgInsight 2016), Faculty of Agricultural Sciences, Sabaragamuwa University
- **Reviewer** – Young Scientist Forum (YSF) Symposium 2015
- **Reviewer** – International Conference of Sabaragamuwa University of Sri Lanka, 2015
- **Reviewer** – Proceedings of the 6th Research Symposium Uva Wellassa University of Sri Lanka
- **Reviewer** – Proceedings of the 5th Research Symposium Uva Wellassa University of Sri Lanka
- **Reviewer** – Proceedings of Research Symposium 2013, Uva Wellassa University of Sri Lanka
- **Reviewer** – ICSUSL 2015, Sabaragamuwa University of Sri Lanka

- **Reviewer** – Journal of ActaHorticulturae, Journal of African Journal of Agricultural Research, Journal of African Journal of Plant Science, Journal of Agriculture, Ecosystems and Environment, Journal of Arid Land Research and Management, Journal of Environmental Science & Technology, European Journal of Soil Science, Journal of Geoderma, Journal of Scientific Research and Essays, Journal of Soil and Tillage, Journal of Soil Use and Management, Journal of Soil Science Society of Sri Lanka, Journal of Agricultural Sciences,
- **Reviewer** – Research Proposals/Uva Wellassa University and University of Peradeniya

SCIENTIFIC SOCIETIES MEMBERED

A life member of the Soil Science Society of Sri Lanka (SSSSL)

A member of the New Zealand Soil Science Society (NZSSS)

PERSONAL INFORMATION

Surname : Herath Mudiyansele
 Name : Saman Kumara Herath
 Sex : Male
 Date of Birth : 28th July 1976
 Marital Status : Married
 Nationality : Sri Lankan
 Contact : “Sisirasewana”, Kudawa, Aluthwela South, Diyatalawa, 90150
 Diyatalawa, Sri Lanka

I certify that the above details are true and correct.

Prof. H.M. Saman K. Herath

Date: 20 – 05 – 2019

REFEREES

Professor Marta Camps-Arbestain

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Professor P.V.A. Lal

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