



Dr. Shiromi Himalika Dissanayaka

Ph.D. [Environmental Engineering] Saitama University, Japan

M.Phil. [IWRM] University of Peradeniya, Sri Lanka

B.Sc. [(Agriculture) University of Peradeniya, Sri Lanka

Senior Lecturer - Faculty of Agriculture, Rajarata University of Sri Lanka

BIOGRAPHY

Name Dissanayaka Mudiyansele Shiromi Himalika Dissanayaka
Gender Female
Date of Birth 31ST December 1977
Nationality Sri Lankan
Contact

Mobile +94 772865144

Land +94 252054967

Email dissanayakashiro@gmail.com

Personal Address 232G, Bandarapuliyankulama, Anuradhapura, Sri Lanka

Education

- Ph.D. (Environmental Engineering), Saitama University, Japan (2009-2012)
- MPhil (Integrated Water Resources Management), Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. (2004-2009)
- B.Sc. (Agriculture), Specialized in Agricultural Engineering, University of Peradeniya, Sri Lanka (2000-2004).

Current Position Associate Professor, Department of Agricultural Engineering and Soil Science, Faculty of Agriculture, Rajarata University of Sri Lanka (From February 2021)

ACADEMIC QUALIFICATIONS

Doctor of Philosophy (Environmental Engineering)

<i>Degree</i>	Doctor of Philosophy (Environmental Engineering)
<i>University</i>	Graduate School of Science and Engineering, Saitama University, Japan
<i>Effective Date</i>	2012.09.14 (Oct 2009 to Sep 2012)
<i>Area of Specialisation</i>	Environmental Engineering

Master of Philosophy (Integrated Water Resources Management)

<i>Degree</i>	Master of Philosophy (M.Phil.) by Course Work and Research
<i>University</i>	Postgraduate Institute of Agriculture, University of Peradeniya
<i>Board of Study</i>	Agricultural Engineering
<i>Effective Date</i>	2009.02.18 (Oct 2004 to Feb 2012)
<i>Area of Specialization</i>	Integrated Water Resources Management

Bachelor of the Science of Agriculture (*Specialized in Agricultural Engineering*)

<i>Degree</i>	Bachelor of the Science of Agriculture
<i>University</i>	Faculty of Agriculture, University of Peradeniya
<i>Board of Study</i>	Agricultural Engineering
<i>Year</i>	2004.09.30
<i>Area of Specialisation</i>	Agriculture (Specialized in Agricultural Engineering)

G.C.E. Advanced Level

<i>Year</i>	1997 August
<i>School</i>	Government Science College, Matale, Sri Lanka
<i>Subject Stream</i>	Bio-Science

G.C.E. Ordinary Level

<i>Year</i>	1993 December
<i>School</i>	Government Science College, Matale, Sri Lanka
<i>Subject Stream</i>	Bio-Science

ACADEMIC CAREER PATH

From February 2021 to todote	Associate Professor Department of Agricultural Engineering and Soil Science, Faculty of Agriculture, Rajarata University of Sri Lanka
From Sep 2013 to February 2021	Senior Lecturer (Grade I, II) Department of Agricultural Engineering and Soil Science, Faculty of Agriculture, Rajarata University of Sri Lanka
From Jan 2013 to Sep 2013	Senior Lecturer (Contract Basis) Faculty of Applied Sciences, Uva Wellassa University of Sri Lanka Rajarata University of Sri Lanka
From Oct 2009 to Sep 2012	Doctoral Researcher Graduate School of Science and Engineering, Saitama University, Japan
From Jan 2009 to Sep 2009	Program Assistant Cap-Net Lanka Project, Faculty of Agriculture, University of Peradeniya
From Nov 2004 to Dec 2006	Research Assistant Solid Waste Management Research Unit, Faculty of Agriculture, Faculty of Agriculture, University of Peradeniya

DUTIES & RESPONSIBILITIES OF THE CURRENT POSITION

- I. Delivering lectures, tutorials, and practical sessions for undergraduate and postgraduate level students under B.Sc. Honours and other degree programs offered by the Rajarata University of Sri Lanka.

I. Undergraduate Programs

Bachelor of Science Honors in Agriculture, Rajarata University of Sri Lanka

Year	Course Code	Course Name
1100	ES 1103	Engineering Physics
1200	ES 1202	Soil, Plant and Water Relation to Irrigation
2100	ES 2101	Field Practices of Soil and Water Management
3100	ES 3102	Irrigation and Water Management
3200	ES 3201	Agricultural Waste Management
	ES 3208	Integrated Water Resources Management
	ES 3209	Irrigation Engineering
4100	ES 4104	Reservoir Designing and Management

Bachelor of Arts Honors Degree, Faculty of Social Science and Humanities, Rajarata University of Sri Lanka

Year	Course Code	Course Name
2200	ECON 2233	Resource Economics

Bachelor of Science Honors Degree in Biosystems Technology, Faculty of Technology, Rajarata University of Sri Lanka

Year	Course Code	Course Name
4100	BPT 4303	Bioremediation and Waste Management

2. Postgraduate Programs

Master of Agriculture, Faculty of Agriculture, Rajarata University of Sri Lanka

Year	Course Code	Course Name
5100	MS 5103	Irrigation and Water Management
5100	MS 5110	Environmental Pollution Control
5200	MS 5207	Climate change and Agriculture

Postgraduate Diploma in Rural Development, Faculty of Agriculture, Rajarata University of Sri Lanka

Year	Course Code	Course Name
1100	PDRD 1152	Water Resources Management

- II. Designing, preparing, and developing courses, modules, and teaching materials and implementing new methods of teaching (i.e. OBE/LCT, Outcome-based Education (OBE) Learner-Centered Teaching (LCT)) to meet the current standards as specified by the Sri Lanka Qualification Framework (SLQAF).
- III. Engagement in assessing students' coursework, exam paper setting, moderating examination papers, scrutiny on examination question papers, supervision and invigilation of exams, and marking examination papers.
- IV. Developing appropriate course assessments, student research projects, and assessing student dissertations and practical work, and providing guidance on academic and pastoral issues and exams.
- V. Reviewing and supporting high-quality program content development in response to student feedback and new developments in the relevant field. Contribute to developing new program proposals and the design of teaching programs more widely in the faculty.
- VI. Embracing new technological developments that support learning and teaching and incorporating them into best practices.
- VII. Contributing expertise in delivering excellence in Agricultural Engineering at undergraduate and postgraduate levels.
- VIII. Undertaking independent research projects and actively contributing to the institution's research profile and below are the research projects
 - a. Application possibilities of constructed wetlands for wastewater treatment
 - b. Surface water quality status of Anuradhapura Sri Lanka

- c. Enrichment of Compost by cooperating Eppawala Rock Phosphate and Phosphorous solubilizing microorganisms
- IX. Participation in collaborative academic initiatives and research teams and developing teaching initiatives depending on the post holder's interests and background.
- X. Writing up research and preparing for publication.
- XI. Contribution to the faculty's academic and pastoral care of its students and to the enhancement of their learning, personal development and achievement.
- XII. Communicating effectively with students and colleagues, using face-to-face, telephone, written, and electronic communication (including email and VLE) modes as appropriate.
- XIII. Representing the faculty at University Senate, participates and actively contributes at the Faculty Board meetings, Scrutiny boards, and other professional meetings and boards at the faculty and university level.
- XIV. Participation in staff training programs.
- XV. Assumption of various administrative tasks and responsibilities as requested by the Dean of the Faculty.

POSITIONS/OTHER APPOINTMENTS (SELECTED)

- **Senior Student Counselor** - Faculty of Agriculture, Rajarata University of Sri Lanka 2016-2019
- **Student Counselor** - FoA, RUSL 2015-2016
- **Academic Counselor** - FoA, RUSL 2017 to date
- **Coordinator** - Waste Management Project, Rajarata University of Sri Lanka 2019 to date
- **Coordinator**, 11th Annual Research Symposium 2019, FoA, RUSL 2019
- **Sub-Warden** - Girls' Hostels, FoA, RUSL 2015 to 2017
- **Person-In-Charge** - Workforce for Program Review - Human and Physical Resources, FoA, RUSL 2019
- **Member** - Library committee, FoA, RUSL 2015-2018

ACADEMIC DISTINCTIONS/FELLOWSHIPS/AWARDS

- **President's Awards** for Scientific Publications (2018).
- **Top 20 Reserchers** of the Rajarata University of Sri Lanka (2021 & 2022).
- **Japanese Government (Monbukagakusho) Scholarship** for Ph. D., Saitama University, JAPAN. (2009-2012).
- **Unilever Scholarship Award** for M.Phill in Integrated Water Resources Management, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. (2004-2007).

TEACHING/TRAINING/CONSULTANCY – AREAS OF EXPERTISE

- Water Resources Management
- Soil Physics
- Waste Management; Solid waste management, wastewater treatment
- Climate Change and Agriculture

PEER REVIEWED RESEARCH PUBLICATIONS

Full Length Journal Articles

1. Mumthaj, A.M.M., **Dissanayaka, D.M.S.H.** and Mowjood, M.I.M. (2023). Enhancement of Phosphorous Removal from Wastewater using Murunkan Clay Mixed Media. *Larhyss Journal*. ISSN 1112-3680. pp 145-163.
2. Hettiarachchi, K.R., Rathnayaka, R.A.A.S., **Dissanayaka, D.M.S.H.** and Mowjood, M.I.M. (2022). Evaluation of Clay Brick and Laterite Brick as Low-Cost Adsorbents for the Removal of Cd^{2+} and Pb^{2+} in Aqueous Solutions. *Tropical Agricultural Research*, 33(2), pp.140-150.
3. Serasinghe, B.A.P., Abeysingha, N.S., **Dissanayaka, D.M.S.H.**, and Vithanage, N.V.H.S.K. (2021). Effectiveness of local plant materials in Dry Zone Sri Lanka as natural coagulants in treating turbid water. *Journal of Agricultural Sciences-Sri Lanka*. Vol. 17, No 1, January 2022. Pp 161-170 <http://doi.org/10.4038/jas.v17i1.9617>
4. Bandara, B. G. R. R., Nayanarangani, M. D. P., and **Dissanayaka, D. M. S. H.** (2021). Environmentally Sustainable Approaches for The Utilisation of Agricultural Wastes for Ensuring Global Food Security – A Review. *Journal of Tropical Environment, Faculty of Social Science and Humanities, Rajarata University of Sri Lanka*, Volume-2 | Issue-1, pp. 103-120.
5. **Dissanayaka, D. M. S. H.**, Jayaneththi, J. P. H. U., and Bandara, K. A. K. I. (2021). Performance Evaluation of Biofilm Enriched Eppawala Rock Phosphates over Triple Super Phosphates for Rice Cultivation. *Journal of Tropical Environment, Faculty of Social Science and Humanities, Rajarata University of Sri Lanka*, Volume-2 | Issue-1, pp. 89-102
6. Ranasinghe, R. P. L. N. H., **Dissanayaka, D.M.S.H.**, Rathnayake, R. A. A. S., Jayaneththi, J. P. H. U., and Nirmanee, K. G. S. (2021). Water Quality in Different Inlet and Outlet Canals Connected to Nuwarawewa, Anuradhapura, Sri Lanka. *International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)* Volume X, Issue II, February 2021 | ISSN 2278-2540.
7. D.M.C.L. Dharmasena, D. M. C. L., **Dissanayaka, D. M. S. H.**, and Wickramasinghe, Y. M. (2021). Average Expenditure Incurred and the Perception of Safe Drinking

- Water in a CKDu Affected Area: A Case Study in Madawachchiya, Anuradhapura. Journal of Rajarata Economic Review, Department of Economics, Rajarata University of Sri Lanka.Vol. 01 Issue 01. pp.15-23
8. **Dissanayaka, D. M. S. H.**, Dhananjaya, V. P. T., Kosgollegedara, E. J., and Karthigayini, S. (2021). Impact of Improved Aeration on Decomposition Rate of Enriched Compost. International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-5 | Issue-2, February 2021, pp.852-857, URL: <https://www.ijtsrd.com/papers/ijtsrd38557.pdf>
 9. **Dissanayaka D. M. S. H.**, Karthigayini, S., and Lakmal, R. M. D. M. The Impact of Water Quality on Taste Profile of Made Tea in Sri Lanka. Samodhana Journal, Faculty of Social Science and Humanities, Rajarata University of Sri Lanka, Volume-9 | Issue-2, February 2021, pp.852-857.
 10. **Dissanayaka, D. M. S. H.**, Jayaneththi, J. P. H. U., and Jayaruwan, B. M. J. (2022). Phytoremediation Potential of Different Wetland Plants Using Mini- Wetland Units. Journal of Tropical Environment, Faculty of Social Science and Humanities, Rajarata University of Sri Lanka, Volume-2 | Issue-1, pp. 19-30.
 11. Amarasekara M.G.T.S., Wijesundara W.M.T.K. and **Dissanayaka, D. M. S. H.** 2020. Water Quality and Consumer Perception of Reverse Osmosis Filtered Water. A Study in Chronic Kidney Disease Endemic Region in Anuradhapura, Sri Lanka. International Journal of Advanced Scientific Research and Management.
 12. **Dissanayaka, D. M. S. H.**, Hamamoto, S., Kawamoto, K. Komatsu, T. 2012. Thermal Properties of Peaty Soils: Effects of Liquid-Phase Impedance Factor and Shrinkage. Vadose Zone J. doi:10.2136/vzj2011.0092.
 13. Hamamoto. S., **Dissanayaka, D. M. S. H.**, Kawamoto, K., Komatsu, T., Moldrup, P. and Nagata. O. 2015. Air and Water Transport Properties and Pore-Network Structure in Variably-Saturated Sphagnum Peat Soils. European Journal of Soil Science (accepted).
 14. **Dissanayaka, D. M. S. H.**, Hamamoto, S., Kawamoto, K. Komatsu, T. 2010. Effects of Moisture Content and Shrinkage on Thermal Properties for Hokkaido Peaty Soils. 1st International Conference and Exploratory Workshop on Soil Architecture and Physico-Chemical Functions (CESAR), Nov 30- Dec 2, Research center Forum, Aarhus, Denmark.
 15. Dissanayaka D.M.T.S., **Dissanayaka, D. M. S. H.**, and Jayaneththi, J. P. H. U. 2019. Small-scale wetland units for domestic greywater treatment. Sri Lankan Journal of Agriculture and Ecosystems ISSN: 2673-1401, Volume-1 | Issue-1, August 2019, pp.52 - 60.

16. Yapa, Y. M.N. C., **Dissanayaka, D. M. S. H.**, and Nirmanee, K. G. S., 2019. Application of phytoremediation techniques to treat reverse osmosis concentrate. Small-scale wetland units for domestic greywater treatment. Sri Lankan Journal of Agriculture and Ecosystems ISSN: 2673-1401, Volume-1 | Issue-2, December 2019, pp.14 -25.
17. Gunasekara, S. G. V. D. H. and **Dissanayaka, D. M. S. H.** 2022. Use of Constructed Wetland Systems for Greywater Treatment: A Review. International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456- 6470, Volume-6, Issue-4, June 2022, pp.1001-1013, URL: www.ijtsrd.com/papers/ijtsrd50235.pdf
18. Nayanarangani, M. D. P., **Dissanayaka, D. M. S. H.**, and Jayaneththi, J. P. H. U. 2022. Global Journal of Engineering and Technology Advances (GJETA). (ijtsrd), ISSN: 2582-5003, Volume-12, Issue-2, August 2022, pp.106-112, URL: <https://doi.org/10.30574/gjeta.2022.12.2.0144>
19. Prabodha, K. A. S., **Dissanayaka, D. M. S. H.**, and Karthigayini, S. 2022. Prabodha, K. A. S., **Dissanayaka, D. M. S. H.**, and Karthigayini, S. 2022. Assessment of water quality in different inlet and outlet canals of Kurunegala Lake, Sri Lanka. International Journal of Research and Scientific Innovation. (IJRSI), Volume IX, Issue IX, September 2022, ISSN 2321-2705

Books

1. "Glimpse of Surface Water Quality Status in Anuradhapura, Sri Lanka"

Author: D. M. S. H. Dissanayaka (2021). ISBN 978-624-00-1152-5. A book to transfer research findings on different surface water quality studies in Anuradhapura district Sri Lanka during the last seven years. Published by S. Godage & Brothers (PVT) Ltd. No.661, 665, 675, P. de S. Kularathne Mawatha, Colobmo 10.

2. "Application Possibilities of Constructed Wetlands for Wastewater Treatment in Dry Zone Sri Lanka".

Authors: D. M. S. H. Dissanayaka and Ms. J.P.H.U. Jayaneththi (2021). ISBN 978-624-00-1153-2. A book to transfer research findings on a series of research conducted on the use of constructed wetlands for wastewater treatment in Dry Zone of Sri Lanka during the last seven years. Published by S. Godage & Brothers (PVT) Ltd. No.661, 665, 675, P. de S. Kularathne Mawatha, Colobmo 10.

3. "Introduction to Waste Management."

Authors: D.M.S.H. Dissanayaka and N.D.S.L. Senevirathne (2021). ISBN : 978-624-00-1151-8. Published by S. Godage & Brothers (pvt) Ltd. No. 661, 665, 675, P. de S. Kularatne Mawatha, Colombo 10.

4. “ක්ෂුද්‍ර ජල සම්පාදනය සහ පාංශු තෙතමනය සංරක්ෂණය”

Authors: D.M.S.H. Dissanayaka, N. S. Abeyasinghe, M.H.J.P. Gunarathna, E.J. Kosgollagedara, and U.R.L.N. Rajapaksha (2020). ISBN: 978-624-5417-04-9. Published by Faculty of Agriculture, Rajarata University of Sri Lanka

Conference Proceedings

1. **Dissanayaka, D. M. S. H.**, Dayawansa N. D. K. and Siriwardena, S. M. P. 2007. Assessment of land and water productivity with comparative performance indicators- A case study from Mahaweli System C, Water Resources Research in Sri Lanka, Symposium Proceedings of the Water Professionals' Day, October 01, 2007. pp 167-182.
2. **Dissanayaka, D. M. S. H.**, Dayawansa, N. D. K. and Siriwardena S. M. P. 2009. The use of comparative performance indicators to assess the land and water productivity in large irrigation systems - An analysis from Mahaweli system H, Sri Lanka. Proceedings of the International exchange symposium on sustainable infrastructure development in Asia, University of Ruhuna. pp 163-168.
3. Hamamoto, S., **Dissanayaka, D. M. S. H.**, Kawamoto, K. Komatsu, T. 2010. Effects of Moisture Content and Shrinkage on Soil-Thermal Properties for Peat Soils in Japan. International Conference on Sustainable Built Environment (ICSBE-2010), 2010, December 13-14, Kandy, Sri Lanka.
4. **Dissanayaka, D. M. S. H.**, Hamamoto, S., Kawamoto, K. Komatsu, T. 2010. Effects of moisture content and shrinkage on thermal properties of Hokkaido peaty soils, Proceedings of the Twelfth International Summer Symposium, Funabashi, Japan. pp 223-226.
5. **Dissanayaka, D. M. S. H.**, Hamamoto, S., Kawamoto, K. Komatsu, T. 2012. Heat and

Gas Transport Characteristics in Differently-Decomposed Peaty Soils at Variably-Saturated Conditions. International Symposium on Advances in Civil and Environment Engineering Practices for Sustainable Development 2012, March 19, Galle, Sri Lanka.

6. Pathmalal, M. H. M. S. and **Dissanayaka, D. M. S. H.** 2014. Assessment of irrigation performance in Mahaweli System H - Sri Lanka with comparative performance indicators. Water Resources Research in Sri Lanka, Symposium Proceedings of the Water Professionals' Day, October 01, 2014. pp 106 - 113.
7. Jayawardana, H. M. C. M., **Dissanayaka, D. M. S. H.**, Kumarasinghe, P. P. U. and Mowjood, M. I. M. 2015. Phosphorus Removal from Wastewater Using Soil as an Adsorbent. Symposium Proceedings of the Water Professionals' Day. pp 129-138.
8. Madushanka, R. M. G., Jayaneththi, J. P. H. U., **Dissanayaka, D. M. S. H.** and Amarasekara, M. G. T. S. 2015. Impact of Urban Land Use in Anuradhapura City on Water Quality of Upper *Malwathu Oya* Stream. Symposium Proceedings of the Water Professionals' Day, October 01, 2015 . pp 139-143.
9. Koralagamage, K.D.S., Jayaneththi, J.P.H.U and **Dissanayaka, D.M.S.H.** (2015). Potential Use of Municipal Wastewater for Agriculture; A Case Study from Anuradhapura, 3rd International Research Symposium, Rajarata University of Sri Lanka.
10. Dissanayake, D. M. K. G., Senevirathne, G., Jayaneththi, J. P. H. U., **Dissanayaka, D. M. S. H.**, Jinadasa, D.M. (2016). Quality Assessment of Biofilmed Biofertilizer-Vegetable Batches, 7th International Conference on Sustainable Built Environment, Sri Lanka.
11. Dharmasena, D. M. C. L., Wickramasinghe, Y. M., and **Dissanayaka, D. M. S. H.** 2017. Average expenditure incurred on safe drinking water: A case study in Madawachchiya Area in Anuradhapura district. Symposium Proceedings of the International Symposium on Agriculture and Environment 17.01.2015 . pp 206-209.
12. Wijesundara, W. M. T. K., Amarasekara, M. G. T. S., and **Dissanayaka, D. M. S. H.** 2017. Role of reverse osmosis plants on purification of drinking water in CKDu prevailing areas in Anuradhapura, Sri Lanka. Symposium Proceedings of the Water Professionals' Day, October 02, 2017 . pp 73-81.
13. Jinarajadasa, M. H. C. N., **Dissanayaka, D. M. S. H.**, and Duminda, D. M. S., 2017. Constructed wetland system for treatment of hostel greywater using Cattail plants. Symposium Proceedings of the Water Professionals' Day, October 02, 2017 . pp 81-91.

14. Dissanayaka D.M.T.S., **Dissanayaka, D. M. S. H.**, and Jayaneththi, J. P. H. U. 2018. Performance evaluation of constructed wetland units for domestic greywater treatment. Proceedings of the 23rd international forestry and environment symposium 2018 of the department of forestry and environmental sciences, University of Sri Jayawardhanapura, Sri Lanka. Pp 194.
15. Yapa, Y. M.N. C., **Dissanayaka, D. M. S. H.**, and Nirmanee, K. G. S., 2018. Potential of phytoremediation techniques to improve the quality of reverse osmosis concentrate. Proceedings of the 23rd international forestry and environment symposium 2018 of the department of forestry and environmental sciences, University of Sri Jayawardhanapura, Sri Lanka. Pp 195.
16. Ranasinghe, R. P. L. N., Rathnayake R.A.A.S., **Dissanayaka, D. M. S. H.**, Nirmanee, K. G. S., and Jayaneththi, J. P. H. U., 2018. An assessment of water quality in different inlet and outlet cannals connected to Nuwarawewa in Anuradhapura Sri Lanka. Proceedings of the 23rd international forestry and environment symposium 2018 of the department of forestry and environmental sciences, University of Sri Jayawardhanapura, Sri Lanka. Pp 195.

Abstracts

1. Pathmalal, M. H. M. S. and **Dissanayaka, D. M. S. H.** 2014. Assessment of irrigation performance in Mahaweli System H, Sri Lanka with comparative performance indicators. 6th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp1.
2. Jayasinghe, J. P. C., Wijebandara, D. M. D. I. and Dissanayaka, D. M. S. H. 2014. Copper and zink nutrient status of Coconut estates in the coconut triangle of Sri Lanka. 6th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp4.
3. Madushanka, R. M. G., **Dissanayaka, D. M. S. H.** and Amarasekara, M. G. T. S. 2014. Impact of urban land use on water quality of upper Malwathoya stream. 6th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 15.
4. Kumari, H. B. J., Vithanage, M., **Dissanayaka, D. M. S. H.**, Rajakaruna, R. M. P. and Seneviratne, G. 2014. Novel bio-amendments for phytotoxicity reduction of heavy metals in contaminated soils. 6th Annual Research Proceedings, Faculty of

- Agriculture, Rajarata University of Sri Lanka. Pp 18.
5. Koralagamage K. D.S. and **Dissanayaka, D. M. S. H.** 2014. Potential to use domestic and municipal wastewater for agriculture: a study in Anuradhapura municipal area. 6th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 21.
 6. De Silva, U. H. C. T. S., Wijebandara, D. M. D. I. and **Dissanayaka, D. M. S. H.** 2014. Status of soil Boron in the coconut triangle of Sri Lanka. 6th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 28.
 7. Weerasekara, T. M. W., Nijamudeen, M. S. and **Dissanayaka, D. M. S. H.** 2015. Increasing resilience of upland cropping systems through a modified alley cropping system. 7th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 21.
 8. Jayawardana, H. M. C. M., Mowjood, M. I. M., **Dissanayaka, D. M. S. H.** and Jayaneththi, J. P. H. U. 2015. 7th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 77.
 9. Weerathunga, D. M. K. G., Mowjood, M. I. M., **Dissanayake, D. M. S. H.**, and Jayaneththi, J. P. H. U. 2016. 8th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 25.
 10. Dissanayake, D. M. K. G., Senevirathne, G., **Dissanayaka, D. M. S. H.**, Jinadasa, D.M. (2016). Relationship between the quality parameters of biofilm biofertilisers and vegetable crop resilience. 8th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 26.
 11. Dharmasena, D. M. C. L., Wickramasinghe, Y. M., and **Dissanayaka, D. M. S. H.** 2017. Average expenditure incurred on safe drinking water: A case in Madawachchiya Area in Anuradhapura district. 9th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 29.
 12. Jinarajadasa, M. H. C. N., **Dissanayaka, D. M. S. H.**, and Duminda, D. M. S., 2017. Constructed wetland system for treatment of hostel greywater using Cattail plants. 9th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 32.
 13. Wijesundara, W. M. T. K., Amarasekara, M. G. T. S., and **Dissanayaka, D. M. S. H.** 2017. Role of reverse osmosis plants on purification of drinking water in CKDu prevailing areas in Anuradhapura, Sri Lanka. 9th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 38.
 14. Jayalath, J. M. D. M, **Dissanayaka, D. M. S. H.**, and Duminda, D. M. S., 2017.

- Constructed wetland system for treatment of greywater at students' hostel complex, Faculty of Agriculture, Rajarata University of Sri Lanka. 9th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 41.
15. Yapa, Y. M.N. C., **Dissanayaka, D. M. S. H.**, and Nirmanee, K. G. S. 2018. Comparative study to improve the quality of reverse osmosis concentrate using phytoremediation techniques. 10th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 1.
 16. Gunarathne, M. M. A. B., Abeysekara, R., **Dissanayaka, D. M. S. H.**, Edirisooriya, C.H., and Kahandage P. D., 2018. Evaluation of the performance and processing cost of newly developed loose leaf barn method for curing Tobacco leaves. 10th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 2.
 17. Dissanayaka D.M.T.S., **Dissanayaka, D. M. S. H.**, and Jayaneththi, J. P. H. U. 2018. A feasibility analysis of the constructed wetland unit for domestic greywater treatment. 10th Annual Research Proceedings, Faculty of Agriculture, Rajarata University of Sri Lanka. Pp 4.
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Prof. M.I.M. Mowjood
Department of Agricultural Engineering,
Faculty of Agriculture,
University of Peradeniya,
Peradeniya,
Sri Lanka
TEL :+94-8123-95469
Email: mowjood2010@gmail.com

Prof. N.D.K. Dayawansa
Department of Agricultural Engineering,
Faculty of Agriculture,
University of Peradeniya,
Peradeniya,
Sri Lanka
TEL :+94-8123-95469
Email: dammid@pdn.ac.lk

I certify that the above particulars given by me are true and accurate to the best of my knowledge.

D.M.S.H Dissanayaka