***Don Menige Sudesh Duminda***

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| Name | Don Menige Sudesh Duminda |
| Address | 207, Jaffna Road, Puliyankulama, Anuradhapura. |
| Mobile Phone | +94777143444 (Mobile), +94252221612 (Office) |
| Email | dmsduminda@yahoo.com |
| Nationality | Sri Lankan |
| Date of Birth | 16.02.1971 |
| NIC Number | 710473528 V |
| Passport Number | N7102357 |



PhD in Soil Fertility and Plant Nutrition

Post Graduate Institute of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka

M.Sc. in Industrial & Environmental Chemistry

Faculty of Science, University of Kelaniya, Sri Lanka.B.Sc. in Agriculture

Faculty of Agriculture,University ofRuhuna, Sri Lanka.GCE Advanced Level : Bio Science (4 Subjects) Physics C Chemistry B Botany B Zoology BGCE Ordinary Level : 8 Distinctions (8 Subjects)

**EDUCATION QUALIFICATIONS**

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| --- |
| Occupation or position |
| Date |
| Main activities responsibilities |

**WORKING EXPERIENCE**

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| --- |
| Senior Lecturer, Department of Agricultural Engineering &Soil Science, Faculty of Agriculture, Rajarata University of Sri Lanka, Puliyankulama, Anuradhapura. |
| Since 1st April 2005 |
| Teaching, research and administrative position such as Head of the department |

Year 1987

Year 1993

Year 2000

Year 2005

Year 2018

**Full Papers**

1. D.M.S.Duminda, L.L.W. Somasiri and K.A.S. Pathiratne 2006. Application of three phosphate fertilizers on long term availability of different phosphorus fractions in Andigama soil series, J.Soil Sci. Soc. Sri Lanka, 2006. 18:41-48
2. D.M.S.Duminda, L.L.W. Somasiri and K.A.S. Pathiratne 2008. Application of three phosphate fertilizers on short term availability of different phosphorus fractions in Andigama soil series, J.Soil Sci. Soc. Sri Lanka, 2006. 18:41-48 2008. 20:17-24
3. D.M.S.Duminda, D. Kumaragamage, S.P. Indraratne and D.Flaten 2017 Fertilizer induced changes in pore water phosphorus and soil extractable phosphorus as influenced by soil properties in alkaline calcareous soils. Canadian Journal of Soil Science, 97: 159-170
4. M.H.C.N. Jinarajadasa, J.M.D.M. Jayalath, D.M.S.H. Dissanayake, D.M.S.Duminda and J.P.H.U. Jayaneththi 2017. Constructed wetland systems for treatment of waste water: A study at hostel complex, Faculty of Agriculture, Rajarata University of Sri Lanka. Symposium proceedings of the water professionals’ day held at University of Peradeniya on October 02, 2017
5. D.M.S. Duminda, D. Kumaragamage, S.P. Indraratne 2018 Response of maize (Zea mays L.)to phosphorus fertilizers in two alfisols with contrasting phosphorus availabilities and sorption capacities – Communications in Soil Science and Plant Analysis DOI: 10.1080/00103624.2018.1455851
6. P.M.G.S.S. Subasinghe, P.S.K. Rajapakshe, D.M.S. Duminda and W.M.G.D. Wijesundara 2018. Community preferences for ecosystem service improvements: Case study in Habarawatta tank cascade system (HTCS) in Galnewa DS division in Anuradhapura district.Proceeding of the 4th International Research Symposium of Rajarata University of Sri Lanka.
7. D.M.P.B. Dissanayake, D.M.S. Duminda, M.G.R.S.S. Gunathilaka, H.P.N. Madusanka, J.M.D.D. Jayasundara, W.M.R.L. Jayawardhana, A.H.A.K. Priyadarshana, K.M.R. Premathilake and S.C. Illapperuma 2018. Reverse Osmosis – is it the answer to the burning water problem in Anuradhapura? (A preliminary study) Proceeding of the 4th International Research Symposium of Rajarata University of Sri Lanka.
8. M.K.N. Kumari, K. Sakai, S. Kumara, S. Nakamura, K. Yuge, M.H.J.P. Gunarathna, M. Ranagalage, and D.M.S. Duminda 2018. Interpolation methods for groundwater quality assessment in tank cascade landscape: A study of Ulagalla cascade, Sri Lanka.
9. N.S. Abeysinghe, D.S.M.D. Silva and D.M.S. Duminda 2018. Hydro chemical assessment of agro-well water for irrigation in Thalawa block in Mahaweli system – H in Anuradhapura, Sri Lanka.

**Extended Abstracts**

1. Characterization of soil physical and chemical properties along an undulating terrain of Reddish Brown Earth and Low HumicGley soils at Puliyankulama, Anuradhapura by D.M.S.Duminda, M.G.T.S.Amarasekara, D.M.Jinadasa, K.N.Karunarathna and D.D.Vidyaratne Proceedings of RUSL Research Symposium 2010, Rajarata University of Sri Lanka.

**PUBLIICATIONS**

**Abstracts**

1. Long term availability of different phosphorus fractions in lateritic soils in the intermediate zone of Sri Lanka due to application of three different phosphate fertilizers sources by D.M.S.Duminda, L.L.W. Somasiri and K.A.S. Pathiratne. Proceedings of the 1st Annual Research Symposium 2007 - Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka.
2. The effects of application of three different phosphate fertilizer sources on the short term availability of some phosphorus fractions in the lateritic soils of intermediate zone of Sri Lanka by D.M.S.Duminda, L.L.W. Somasiri and K.A.S. Pathiratne. Proceedings of the 1st Annual Research Symposium 2007 – Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka.
3. Characterization of soil physical properties on an undulating terrain of reddish brown earth andlow humicgley soils by K.N.Karunaratne, M.G.T.S.Amarasekara, D.M.S.Duminda and D.M.Jinadasa Proceedings of the National Symposium 2008 – Faculty of Agriculture, University of Ruhuna.
4. Effects of phosphate fertilizer sources on the availability of some phosphate fractions in the lateritic soils of intermediate zone of Sri Lanka by D.M.S.Duminda, L.L.W. Somasiri and K.A.S. Pathiratne - Proceedings of the National Symposium 2008 – Faculty of Agriculture, University of Ruhuna.
5. Characterization of some of soil fertility parameters along an undulating terrain of reddish brown earth and low humicgley soils by D.D.Vidyaratne, D.M.S.Duminda and D.M.Jinadasa – Abstracts of final year research 2008, Faculty of Agriculture, Rajarata University of Sri Lanka.
6. Phosphorus fertilizer practices adopted in polybag nurseries of Heveabrasiliensis by M.S.Gayantha,R.S.Dharmakeerthi, D.M.Jinadasa and D.M.S.Duminda – Proceedings of Research Symposium 2010, Faculty of Agriculture, Rajarata University of Sri Lanka.
7. Potassium availability in irrigated rice on rice straw added Red Yellow Podzolic soils. K.A.C.Jeewandarie, D.N.Sirisena, D.M.S.Duminda, and D.M.Jinadasa Proceedings of ResearchSymposium 2010, Faculty of Agriculture, Rajarata University of Sri Lanka.
8. Land suitability evaluation of block IV of the Uma Oya irrigation project. D.M.S.A.Dissanayake,G.R.S.Karunarathna and D.M.S.Duminda, Proceedngs of Undergraduate Research Symposium 2011, Faculty of Agriculture, Rajarata University of Sri Lanka.
9. Potassium split application in irrigated rice on rice straw added Red Yellow Podzolic soils. G.S.N.Perera, D.N.Sirisena and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2011, Faculty of Agriculture, Rajarata University of Sri Lanka.
10. Study of prilled urea and granular urea on growth and yield of chilli (Capsicum annum L.) N.P.Nandasoma, K.A.Renuka and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2011, Faculty of Agriculture, Rajarata University of Sri Lanka.
11. Phosphorus rates on growth parameters of maize ( Zea mays L.) in Reddish Brown Earth undergreenhouse condition. D.M.S.Duminda, S.P. Indraratne and D.Kumaragamage Proceedings of the International Forestry and Environment Symposium 2013 of the Department of Forestry and Environmental Science, University of Sri Jayewardenepura, Sri Lanka.
12. Effect of Phosphorus on growth and yield of maize ( Zea mays L.) in the dry zone of Sri Lanka.D.M.R.D. Jayaweera and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2013, Faculty of Agriculture, Rajarata University of Sri Lanka.
13. Effect of Phosphorus on growth of maize ( Zea mays L.) in Reddish Brown Earth under greenhouse conditions. G.K.P. Gunarathna and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2013, Faculty of Agriculture, Rajarata University of Sri Lanka.
14. Soil fertility of major maize ( Zea mays L.) growing areas in Anuradhapura district. R.M.S.S.B. Karunadasa and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2013, Faculty of Agriculture, Rajarata University of Sri Lanka.
15. Rates of Phosphorus on growth and yield of maize ( Zea mays L.) in the dry zone of Sri Lanka. D.M.S. Duminda, S.P. Indraratne and D. Kumaragamage Proceedings of 1st Ruhuna International Science and Technology Conference 2014, University of Ruhuna, Matara, Sri Lanka.
16. Effect of Phosphorus on growth and yield of maize ( Zea mays L.) in Reddish Brown Earth Soils the dry zone of Sri Lanka. P.P. Kumara and D.M.S. Duminda, Proceedings of Undergraduate Research Symposium 2014, Faculty of Agriculture, Rajarata University of Sri Lanka.
17. Phosphorus application rates on growth and yield parameters of maize (Zea mays L.) in the Reddish Brown Earth under field conditions. M.P.Kadahetti and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2014, Faculty of Agriculture, Rajarata University of Sri Lanka.
18. Rates of Phosphorus on growth and yield of maize (Zea mays L.) in Reddish Brown Earths in the dry zone of Sri Lanka. R.G.N.B. Gunawardhana and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2014, Faculty of Agriculture, Rajarata University of Sri Lanka.
19. Soil Phosphorus status of Reddish Brown Earth amended with Triple Super Phosphate. M.C.Peter and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2014, Faculty of Agriculture, Rajarata University of Sri Lanka.
20. Evaluation of Different Available Phosphorus Extraction Methods for Reddish Brown Earth Soil in Anuradhapura District. W.M.I.N.B. Abeysingha, D.M.S.Duminda and J.P.H.U. Jayaneththi, Proceedings of 7th Annual Research Symposium 2015, Faculty of Agriculture, Rajarata University of Sri Lanka.
21. Evaluation of Optimum Available Phosphorus Extraction Methods for Reddish Brown Earth Soil. S.N.B.G.L.D. Kumara, D.M.S.Duminda and J.P.H.U. Jayaneththi, Proceedings of 7th Annual Research Symposium 2015, Faculty of Agriculture, Rajarata University of Sri Lanka.
22. Conjoint Use of Biochar with Compost and Inorganic Fertilizers on Soil Quality and Plant Growth of Tomato. A.G.N.K. Ekanayake, P. Weerasingha and D.M.S.Duminda. Proceedings of 8th Annual Research Symposium 2016, Faculty of Agriculture, Rajarata University of Sri Lanka.
23. Comparison of Protein and Micro Nutrients Content of Selected Rice Varieties Grown in Different Agro-Ecological Regions. N.M.L.D. Nagasena, S.P. Gunarathne and D.M.S.Duminda. Proceedings of 8th Annual Research Symposium 2016, Faculty of Agriculture, Rajarata University of Sri Lanka.
24. Relationship between Phosphate Solubilizing Bacteria and Soil Phosphorus of Coconut Growing Soils. N.W.K.L.D.N. Chathuranga, G.S. Nirukshan, D.M.P.D. Dissanayakeand D.M.S.Duminda Proceedings of 8th Annual Research Symposium 2016, Faculty of Agriculture, Rajarata University of Sri Lanka.
25. Sulphur status in coconut estates in Gampaha district, Sri Lanka. W.A.M.S. Wickramaarachchi, D.M.P.D. Disanayake and D.M.S. Duminda. Proceedings of 9thAnnual Research Symposium 2017, Faculty of Agriculture, Rajarata University of Sri Lanka.
26. Constructed wetland system for treatment of hostel greywater using cattail plants. M.H.C.N. Jinarajadasa, D.M.S.H. Dissanayake and D.M.S. Duminda. Proceedings of9th Annual ResearchSymposium 2017, Faculty of Agriculture, Rajarata University of Sri Lanka.
27. Constructed wetland system for treatment of greywater at students’ hostel complex, Faculty of Agriculture, Rajarata University of Sri Lanka. J.M.D.M. Jayalath, D.M.S.H.Dissanayake and D.M.S. Duminda. Proceedings of 9th Annual Research Symposium 2017, Faculty of Agriculture, Rajarata University of Sri Lanka.
28. Changes of soil microbial populations as affected by soil amendments. I.D.M. Nuwanthi, G.S. Nirukshan and D.M.S. Duminda. Proceedings of 9th Annual ResearchSymposium 2017, Faculty of Agriculture, Rajarata University of Sri Lanka.
29. Characterization of Soil Chemical and Physical Properties Supporting to Forest Restoration in Endana Tea State, Kahawaththa, Sri Lanka. N.G. Sriyani, R.A.A.S. Rathnayaka, D.M.S.Duminda and N. Geekiyanage, Proceedings of Undergraduate Research Symposium 2018, Faculty of Agriculture, Rajarata University of Sri Lanka.
30. Phytoextraction of Nutrients and Heavy Metals by the Monocot Plants in Thaulla Area of Ulankulama Tank, Anuradhapura, Sri Lanka. K.H.R.S. Maduranga, N.S. Abeysingha and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2018, Faculty of Agriculture, Rajarata University of Sri Lanka.
31. Performance of Biofilm-Enriched Eppawala Rock Phosphate as an Alternative for Triple Super Phosphate in Rice Cultivation. K.A.K.L. Bandara, J.P.H.U. Jayaneththi and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2018, Faculty of Agriculture, Rajarata University of Sri Lanka.
32. Solubilization of Phosphorus from Different Phosphorus Sources by Using Phosphorus Solubilizing Bacteria Associated with Rubber. S.N.P. Perera, R.P. Hettiarachchi and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2018, Faculty of Agriculture, Rajarata University of Sri Lanka.
33. Assessment of Soil Erosion in Different Land Uses and Its Relationship with Soil Chemical Properties in Kuruwita and Randenigala Catchments. W.W.M.C.S.B. Wijesundara, A.G. Chandrapala, R.A.A.S. Rathnayaka and D.M.S.Duminda, Proceedings of Undergraduate Research Symposium 2018, Faculty of Agriculture, Rajarata University of Sri Lanka.
34. Nutrient Levels and Trace Elements in Rice Plant under Different Input Management Systems: The First Year Transition. A.M.H.E. Adikari, D.M.S. Duminda, R.A.A.S. Rathnayake and H.C.D. Wijayawardhana,Proceedings of Undergraduate Research Symposium 2019, Faculty of Agriculture, Rajarata University of Sri Lanka.
35. Microbial Biofilms for Biosolubilization of Eppawala Rock Phosphate. R.M.K.D. Ranathunga, J.P.H.U. Jayaneththi and D.M.S. Duminda, Proceedings of Undergraduate Research Symposium 2019, Faculty of Agriculture, Rajarata University of Sri Lanka.
36. Nutrient and Trace Element Leaching in Paddy Soils under Different Input Management Systems: The First Year Transition. B.A.T.M. Banagoda, D.M.S. Duminda, N.S. Abeysinghe and R.A.A.S. Rathnayake, Proceedings of Undergraduate Research Symposium 2019, Faculty of Agriculture, Rajarata University of Sri Lanka.
37. Impact of Drinking Water Quality and Lifestyle Factors on Chronic Kidney Disease of Unknown Eiology Prevelance in *Malwathuoya* Cascade. D.A.A.C.S. Dasanayaka, J.P.H.U. Jayaneththi and D.M.S.H. Dissanayaka, Proceedings of Undergraduate Research Symposium 2019, Faculty of Agriculture, Rajarata University of Sri Lanka.
38. Replacing Triple Supper Phosphate from Biofilm Enriched Eppawala Rock Phosphate in Rice Cultivation. G.D.C. Pradeep, J.P.H.U. Jayaneththi and D.M.S. Duminda, Proceedings of Undergraduate Research Symposium 2019, Faculty of Agriculture, Rajarata University of Sri Lanka.

**PROFESSIONAL QUALIFICATIONS**

* Certificate in Computer Science, Southern Tec Computer Training Centre, Galle, Sri Lanka
* Certificate Course in Computer Science, Faculty of Agriculture, University of Ruhuna, Sri Lanka
* Achieved Proficiency in English final certificate in 1999 conducted by the University of Ruhuna
* Successfully completed the Certificate Course in Professional English in 1995 conducted by the Open University of Sri Lanka
* Successfully completed International English Language Testing System (IELTS) with overall band score of 6.5 in 2011

**WORKSHOPS**

* Self – Evaluation & Preparation of SER for EQA & Accreditation, Internal Quality Assurance Unit, Rajarata University of Sri Lanka
* Gender Equity/Equality in Sri Lankan Universities University Grant Commission (UGC), The Association of Commonwealth Universities (ACU)
* Implementation Challenges of Sri Lanka Qualification Framework (SLQF), HETC Project, Ministry of Higher Education
* Programme Review Manual Preparation, QAA Standing Committee of the UGC
* Institutional Review for New Aspirants, Quality Assurance and Accreditation Standing Committee of the UGC
* National workshop on scientific writing, Postgraduate Institute of Science (PGIS) and
* National Science Foundation
* Skills for Science Communication to the Public, National Science Foundation and RajarataUniversity of Sri Lanka
* Facing Challenges in the Competitive Job Market, Career Guidance Unit, Faculty of Agriculture, Rajarata University of Sri Lanka
* Communication in Higher Education, Staff Development Centre, Rajarata University of Sri Lanka and Department of Agricultural Extension, Faculty of Agriculture, University of Peradeniya
* e-Learning, Computer Centre, Rajarata University of Sri Lanka
* Research Management, Rajarata University of Sri Lanka and National Academy of Agricultural Research Management, Hyderabad, India
* “How to Build a Pleasing Personality and Positive Attitudes towards Success”, Faculty of Agriculture, Rajarata University of Sri Lanka
* Student Counseling, Faculty of Agriculture, Rajarata University of Sri Lanka
* Organic and Biodynamic Agriculture, Faculty of Agriculture, Rajarata University of Sri Lanka
* Curriculum Revision of the Faculty of Agriculture, Faculty of Agriculture, Rajarata University of Sri Lanka
* Productivity and 5-S Concept, Staff Development Centre, Rajarata University of Sri Lanka
* Basic Maintenance Procedures of Laboratory Equipment which are useful to Instrument Operators, Analytical Instruments (Pvt) Ltd
* Application of Remote Sensing (RS) and Geographic Information Systems (GIS) in Agricultural Research, Faculty of Social Sciences and Humanities, Rajarata University of Sri Lanka

**TRAININGS**

**SEMINARS**

* Intellectual Property, Staff Development Centre, Rajarata University of Sri Lanka
* Agrochemicals: Their Analysis and Impact on Environment and HealthInstitute of Chemistry

**SHORT COURSES**

* Design and Analysis of Experiments with R and SAS, Board of Study in Biostatistics, Postgraduate institute of Agriculture (PGIA), University of Peradeniya
* Staff Development Course for Probationary Lecturers, Staff Development Unit, University of Kelaniya

From 2016 to date

From 2018 to date

From 2016 to date

From 2015 to dateFrom 2010 to dateFrom 2010 to dateFrom 2005 to dateYear 2017

Year 2016

From 2015 to 2016

From 2008 to 2016

From 2007-2011; 2015-2016Year 2015

Year 2014

From 2008 to 2011

From 2007 to 2011

Year 2011

Year 2010

Year 2009

From 2005 to 2009

Head, Department of Agricultural Engineering and Soil Science, Faculty of Agriculture, RUSL

Director, Internal Quality Assurance Unit, RUSL

Head/Department of Agricultural Engineering and Soil Sciences, FOA, RUSL

Faculty nominee – Senate, RUSL Selection Committee Member – Appointing Temporary Demonstrators, Temporary LecturersPanel Member – Project Evaluation (Final Year Research Presentations) of UndergraduatesPanel Member – Research Proposal Evaluation of UndergraduatesMember Compiling – Self Evaluation Report for Institutional Review

Coordinator – Leadership Program for fresh UndergraduatesCoordinator – Internal Quality Assurance Unit, FOA, RUSLMember – Organizing Committee - Undergraduate Research SymposiumsSenior Student Counselor of Faculty of Agriculture, RUSL

Participant at the stakeholder workshop on Programme Review ManualParticipant as a soil scientist at investigating burning sites of civilians at Samalankulama and Wallipuram during civil war in Northern Province

Disciplinary Committee Member - FOA, RUSL

Faculty nominee – Research, Publication and Higher Degrees

CommitteeMember – Proposal Writing Team for Quality and Innovative GrantCoordinator – Undergraduate Research SymposiumCoordinator – Research Symposium ProceedingsWarden for Male Hostels, Faculty of Agriculture, RUSL

**PROFESSIONAL ACTIVITIES**

I do hereby declare that the above particulars furnished by me are true and correct according to the best of my knowledge. Date:15.05.2019  Signature