

# R. Saman Dharmakeerthi

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Department of Soil Science  
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## BIO DATA

Name in full : Randoombage Saman Dharmakeerthi  
Date of birth : 18<sup>th</sup> October, 1965  
Civil Status : Married  
Nationality : Sri Lankan  
Gender : Male

## EDUCATION

Ph.D. (Canada); M.Sc. Agric. (SL); B.Sc. Agric. (SL)

## SERVICE RECORD

- Professor in Soil Fertility and Nutrient Management/ Senior Lecturer, Univ. of Peradeniya (2014 – to date)
- Principal Research Officer / Senior Research Officer /Research Officer, Dept. of Soils & Plant Nutrition, Rubber Research Institute of Sri Lanka (1991-2014)

## PROFESSIONAL EXPERIENCE

- Head, Dept. of Soil Science, University of Peradeniya (January 2020 - to date)
- Visiting QEII Scholar, The University of Winnipeg, MB, Canada (2017/18)
- Consultant, Cambodian Rubber Research Institute, Phnom Penh, Cambodia (2013)
- Visiting Fulbright Scholar, Cornell University, Ithaca, NY, USA (2012/13)
- Visiting Professor, University of Guelph, Guelph, ON, Canada (2009)
- Acting Head, Dept. of Soils & Plant Nutrition, Rubber Research Institute of Sri Lanka (Aug. 20013- Mar. 2014; Aug.2006- Jul.2007)

## NATIONAL HONORS

Presidential Award for Research, Sri Lanka (2005, 2006, 2015)

## RESEARCH GRANTS

Eleven (11) research grants and one (01) development grant have been secured either as the PI or collaborator / co-investigator totaling **Rs. 120 million**

## RESEARCH INTEREST

- Phosphorus dynamics in agricultural soils.
- Developing and validating crop nutrient requirement assessing models
- Understanding biogeochemical processes of pyrolyzed C in agricultural soils
- Sustainable soil fertility management

## INVITED SPEECHES (2015-2020)

Twelve (13) speeches were delivered on invitation at various forums related to biochar technology, soil fertility management and plant nutrition.

## PROFESSIONAL SERVICES

- President/Secretary/Exco-Member, Alumni Association of Faculty of Agriculture, University of Peradeniya

- Coordinator, 32<sup>nd</sup> Annual Congress of the PGIA, 2020. University of Peradeniya, Peradeniya,
- Chairperson, Board of Study in Soil Science, PGIA, University of Peradeniya (January 2019 – Present)
- Editors-In-Chief - Tropical Agricultural Research, PGIA, University of Peradeniya (2020-2021)
- Editor, Tropical Agricultural Research and Journal of Soil Science Society of Sri Lanka
- President/ Vice President/ Exco member, Soil Science Society of Sri Lanka
- Executive Member, National Fertilizer Advisory Committee, Ministry of Agriculture, Sri Lanka (2006/7, 2013)
- Coordinator – Plantation Crop Research Symposium, Colombo, Sri Lanka (2010)

## PROFESSIONAL AFFILIATIONS

- Professional Fellow, Sri Lanka Institute of Agriculture
- Soil Science Society of America (Jan 2015 – present)
- International Biochar Initiative (Oct 2009- present)
- Sri Lanka Association for the Advancement of Science (1994 – present)
- Soil Science Society of Sri Lanka. (1990 – present)
- Geo-Informatics Society of Sri Lanka. (2004 –present)

## PUBLICATIONS

Patents-02 + 02 (pending); Book chapters – 03; Editing collection of articles – 05; SCI journal articles – 20; Other peer review journal articles – 30; Other communications -89

## FEW KEY PUBLICATIONS (LAST 5 YEARS):

- Alahakoon Y. et al., (2022). J. Biosys. Eng. <https://doi.org/10.1007/s42853-022-00159-5>
- Kularathna TN & **Dharmakeerthi RS** (2022). Agric Sys.201: 103474
- Liyanage et al., (2022). Chil. J. Agric. Res. 82(2): 199-210.
- Concepcion A. et al., (2021). J. Environ. Qual. 50: 1-12.
- Jayarathna, M.K.N.W. et al. (2021). Trop. Agric. Res. 32(2): 168-179.
- Nawarathna, K.K.K., et al.. (2021). Trop Agric. Res. 32 (1):95-104.
- Dandeniya W.S.,& **Dharmakeerthi R.S.** (2020) [https://doi.org/10.1007/978-981-15-3673-1\\_10](https://doi.org/10.1007/978-981-15-3673-1_10)
- Indraratne, S.P., et.al. (2020). Can J. Soil Sci, 100(2), 109-119.
- Kulasinghe, H.P.G.T.N. et al., (2020). Trop. Agric. Res.. 31(4):1-12.
- Dharmakeerthi R.S.**, et al. (2019), J. Environ. Qual.. 48:822-830
- Dharmakeerthi R.S.**, et al. (2019), J. Environ. Qual.. 48:822-830
- Dissanayake, D.K.R.P.L., et al. (2018). Trop Agric. Res. 30(1): 19–31.
- Upekshani, H.A.N., et al (2018). Trop Agric. Res.30(1):44–55.

R. Saman Dharmakeerthi  
October 18, 2022