



### Educational Qualifications

- **Reading for M.Phil in Crop Science**

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

Research Title: *Carbon Stocks of Teak (Tectona grandis) and Khaya (Khaya senegalensis) Plantations in the Anuradhapura and Kurunegala Districts of Sri Lanka*

- **M. Sc. in Crop Science - 2013**

Post Graduate Institute of Agriculture, University of Peradeniya

Directed Study Title: *Effect of water stress on growth and yield performance of two Capsicum varieties*

Research Supervisors: Prof. W.A.J.M. De Costa (Faculty of Agriculture, University of Peradeniya, Sri Lanka) / Prof. S.J.B.A. Jayasekara (Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka, Sri Lanka)

- **B. Sc. in Agriculture (Specialized in Crop Science) - 2005**

Faculty of Agriculture, University of Peradeniya, Sri Lanka.

Research Title: *Comparison of growth and pest and disease incidence of Tea grown under Organic, Biodynamic and Conventional Management systems*

Research Supervisors: Prof. U.R. Sangakkara (Faculty of Agriculture, University of Peradeniya, Sri Lanka) / Dr. K. Mohotti (Tea Research Institute, Thalawakele, Sri Lanka)

### Research Interests

- Plantation agriculture
- Forestry and forest ecology
- Agro forestry and plantation forestry
- C sequestration

### Research Publications

**Warnasooriya, W.M.R.S.K.**, De Costa, W.A.J.M. & Jayasekara, S.J.B.A. 2008. Effects of Water Stress Imposed at Different Growth Stages on Growth and Yield of Two Contrasting Varieties of *Capsicum annum* L. Proceedings of 2nd International Symposium of Sabaragamuwa University of Sri Lanka, July 2008 : 11pp.

Karunarathne, S.B. and **Warnasooriya, W.M.R.S.K.** 2009. Simple Approach to detect the Landuse Changes Using Google Earth Images: A Case Study from Chilaw Lagoon of Sri Lanka. "First National Symposium on Natural Resources Management 2009. Department of Natural Resources, Sabaragamuwa University of Sri Lanka: 20pp.

Niruba, K. Mohotti, K. **Warnasooriya, W.M.R.S.K.** and Sanjeewa, T.A.B.D. Elemental Sulphur and Bracken Fern Litter to Ameliorate pH of Organic and Biodynamic Tea Soils. "Proceedings of Final Year Research Symposium, 2010. Faculty of Agriculture, Rajarata University of Sri Lanka. 20 pp.

Dayarathne, W.H.R.A. Senevirathne, P. and **Warnasooriya, W.M.R.S.K.** Possible Causes for the Gap Between Potential and Commercial Yield of Recommended Rubber (*Hevea*

*brasilliensis* Muell Arg.) Clones. "Proceedings of Final Year Research Symposium, 2010. Faculty of Agriculture, Rajarata University of Sri Lanka. 18 pp.

- Dayananda, A. G. A. N. De Silva, P. and **Warnasooriya, W.M.R.S.K.** Antagonistic Microorganisms to Control Soil Borne Pathogens in Black Pepper (*Piper nigrum* L.) Nurseries. "Proceedings of Final Year Research Symposium, 2011. Faculty of Agriculture, Rajarata University of Sri Lanka. 25pp.
- Gamage, P. G. G. N. W. Galahitiyawa, G. L. C. **Warnasooriya, W. M. R. S. K.** Degree of Wither on premium grades in Low country Orthodox Black Tea Manufacture. "Proceedings of Final Year Research Symposium, 2011. Faculty of Agriculture, Rajarata University of Sri Lanka. 30pp.
- Gunawardhana, D.C. Botheju, W.S. **Warnasooriya, W.M.R.S.K.** Effect of Weir height of Stepwise Fluidized Bed Dryer-3 on Output and Quality of Made Tea. "Proceedings of Final Year Research Symposium, 2012. Faculty of Agriculture, Rajarata University of Sri Lanka. 30pp.
- Kumarage, R.C. **Warnasooriya, W.M.R.S.K.** Sivananthawerl, T. Estimation of Timber volume and carbon stock of existing Khaya (*Khaya senegalensis*) Plantations in Anuradhapura and Kurunegala Districts. "Proceedings of Final Year Research Symposium, 2012. Faculty of Agriculture, Rajarata University of Sri Lanka. 35pp.
- Rajapaksha, R.T.L. **Warnasooriya, W.M.R.S.K.** Sivananthawerl, T. Estimation of carbon stock of existing Teak (*Tectona grandis*) Plantations in Anuradhapura and Kurunegala Districts. "Proceedings of Final Year Research Symposium, 2012. Faculty of Agriculture, Rajarata University of Sri Lanka. 40pp.
- Egodawatta, W.C.P. Dissanayake, D.M.D. **Warnasooriya, W.M.R.S.K.** Early vigour as an implication in screening for competitiveness for crop-weed competition in Rice. Proceedings of the RUSL Third annual Research Symposium. Rajarata University of Sri Lanka, 2013. 25pp.
- Vinoj kumar, K. Mohotti, K. M. **Warnasooriya, W. M. R. S. K.** Amarasena, P. G. D. S. Capacity of Biochar sources as a soil amendment in enhancing use efficiency of synthetic fertilizers and soil pesticides. "Proceedings of Final Year Research Symposium, 2013. Faculty of Agriculture, Rajarata University of Sri Lanka. 34pp.
- Rangani, H.G.U. Ranasinghe' C.S. **Warnasooriya, W.M.R.S.K.** Estimation of total dry matter requirement of developing fruits of improved coconut cultivars. "Proceedings of Final Year Research Symposium, 2013. Faculty of Agriculture, Rajarata University of Sri Lanka. 36pp.