

*November 17, 2022*  
*Postgraduate Institute of Agriculture, Peradeniya*

**Poster Evaluation**  
**PROGRAMME**

**Session I: Resource Management in Agriculture and Forestry**

*Venue: Seminar Room A, PGIA*

- 10.00 a.m. Impact of Mild Water Stress During the Flowering Stage on Leaf Functional Traits and Yield of Selected Cowpea Varieties Grown in The Low Country Dry Zone of Sri Lanka  
*W.G.I.P. Wijayaraja, M. Piyarathne, L.K. Weerasinghe, M.A.P.W.K. Malaviarachchi, D.P. Kumarathunge, D.A.U.D. Devasinghe, S. Rathnayake, N. Geekiyanage*
- 10.05 a.m. Assessment of Soil NPK and Rice Yield under Three Different Nutrient Management Systems in the Dry Zone Rice Farming  
*N.G.Sriyani, M.G.T.S.Amarasekara, D.M.S. Duminda, A.G.T. Herath and A.M.S.U.M.Attanayake*
- 10.10 a.m. Spatial Variability of Selected Soil Physico-Chemical Properties in Tropical Rainforests of Sri Lanka across a Wide Altitudinal Gradient  
*H.K.N. Sanjeevani, W.A.J.M.De Costa and R.B Mapa*
- 10.15 a.m. Impacts of Converting a Rubber Plantation into an Oil Palm Plantation on Selected Soil Properties: A Case Study from a Rubber - Oil Palm Plantation in Low Country Wet Zone of Sri Lanka  
*K.M. Kularathna, D.N. Vidana Gamage, R.S. Dharmakeerthi and R.C.W.M.R. A. Nugawela*
- 10.20 a.m. Plant Diversity, Aboveground Biomass and Carbon Stock in an Isolated Tropical Sub Montane Forest in Sri Lanka  
*B. M. B. Weerakoon and S. P. Nissanka*
- 10.25 a.m. Development of a Botanical Formulation Using *Cinnamomum verum* and *Pongamia pinnata* Leaves for Suppression of Nitrification in Soil  
*P.A.M. Dias and W.S. Dandeniya*
- 10.30 a.m. Development of Local Breeding Lines for Rust-Resistance by Incorporation of Rust-Resistant Genes in Common Bean  
*H.M.P.S. Kumari, C.K. Weebadde, M. A. Pastor-Corrales, R.G.A.S. Rajapakshe, P.C.G. Bandaranayake*
- 10.35 a.m. Influence of Geographical Aspect and Topography on Canopy Openness in Tropical Rainforests of Sri Lanka along an Altitudinal Gradient

*R.M.C. Madhumali, W.M.P.S.B. Wahala, H.K. Nimalka  
Sanjeevani, D.P. Samarasinghe and W.A.J.M. De Costa*

## **Session II - Society Attributes in Agriculture**

*Venue: Seminar Room B, PGIA*

- 10.00 a.m. Household Food Waste Behaviour in the Western Province of Sri Lanka: A Preliminary Study  
*R. G. I. C. Waidyaratne, S. A. Weerasooriya, P. M. Korale-Gedara and T. Perera*
- 10.05 a.m. Effect of Agricultural Land-Use Intensity on Production Efficiency among Food Crop Farmers in Oyo State, Nigeria  
*M.O. Ganiyu, J.O. Oladeebo and A.A. Abdulazeez*
- 10.10 a.m. Prerequisites for Operationalizing Co-management in Small-Scale Fisheries  
*R.A.D.S. Ranatunga, D.A.M. De Silva, Oscar Amarasinghe, and M.G. Kularatne*
- 10.15 a.m. Stakeholders' choice of pumpkin traits in the fresh produce value chain in Sri Lanka and their implications for pumpkin breeding  
*L. H. A. M. Silva and W. A. P. Weerakkody*
- 10.20 a.m. Overcoming the Digital Barrier among the Elderly Population for Mobile Banking Services in Sri Lanka  
*W. M. D. A. K. Wickramasinghe and S. A. Weerasooriya*
- 10.25 a.m. Assessment of Virtual Water of Irrigated Agriculture, Imports, Exports and Water Footprint for Sri Lanka  
*W.C.S. Wanasinghe, E.R.N. Gunawardena and, M.I.M. Mowjood*
- 10.30 a.m. A Case Study on the Impact of Newly Introduced Rubber Farming System on Livelihood of Smallholders in the Moneragala District  
*P.K.K.S. Gunarathne, T.M.S.P.K. Tennakoon and Jagath C. Edirisinghe*
- 10.35 a.m. Has Collective Action Improved the Efficacy of Tea Smallholding Development Societies in Sri Lanka?  
*K. G. J. P. Mahindapala, M. W. A. P. Jayathilaka, L. N. A. C. Jayawardana and M. Wijerathna*
- 10.40 a.m. Sericulture as a Sustainable Livelihood Source: A Study of Osmanabad District in Maharashtra, India  
*A. Pandhare and G. Birajdar*