

Technical Session I

Tools for Climate Resilient Agriculture

Chairperson: Prof. B. Marambe

Venue: Seminar Room A, PGIA

- 11.00 a.m. Development and Validation of a Model to Simulate Phenology, Canopy Growth and Yield of Maize, Mungbean and Tomato under Tropical Farming Systems
J.B.D.A.P. Kumara, L.D.B. Suriyagoda, W.A.J.M. De Costa, M.A.P.W.K. Malaviarachchi, K.M.R.D. Abhayapala and R.M.S. Fonseka
- 11.15 a.m. Selection of Model Homegarden: Does the District Heterogeneity Classify the Homegardens?
N. Kuruppuarachchi, L.D.B. Suriyagoda, D.K.N.G. Pushpakumara and G.L.L.P. Silva
- 11.30 a.m. Rainfall and Streamflow Trends in The Upper Maduru Oya Sub-watershed in Sri Lanka: A Comparative Study Among Different Statistical Methods
R.D.U.A. Ranasinghe, N.D.K. Dayawansa and R.P. De Silva
- 11.45 a.m. Vulnerability of Other Field Crop (OFC) Cultivating Farmers to Climatic Variability – A Study in Palugaswewa Cascade and Mahaweli System H in Anuradhapura, Sri Lanka.
S.D.N.M. Senadeera, N.D.K. Dayawansa, and R.P. De Silva
- 12.00 noon Shoot Cutting and Collecting Mechanisms of Different Motorized Tea Harvesters on Tea Yield and Yield Determining Physiological Parameters
S.R.W. Pathiranage, M.A. Wijeratne and W.A.J.M. De Costa
- 12.15 p.m. Determination of the Best Performing Sri Lankan Maize Accessions Based on the Photosynthetic, Biomass and Yield Traits
M.M.M. Mufeeth, A.N.M. Mubarak and A.D.N.T. Kumara