

Recent Publication by the Department Staff (After 2008)

2012

- 1) Mathugama S C and **Peiris T S G** (2012). Spatial and Temporal Analysis of Critical Dry Spells in Sri Lanka. The International J of Climate Change: Impacts and Responses. *International Journal of Climate Change: Impacts and Response*. 3(3): 71 - 88.
- 2) Mathugama, S C and **Peiris T S G**. (2012). Modelling Onset of Critical Dry Spells in DL2 Region in Dry Zone Sri Lanka. *Proceedings of the 2nd Regional Conference on Applied and Engineering Mathematics*. Penang, Malaysia.719 -725.
- 3) Alibuhtto M C and **Peiris T S G** (2012). Modelling CCPI Using Time Series ARIMA Model. *Proceeding of the 1st Annual Research Conference - Emerging Issues in Management and Finance*. Faculty of Management & Commerce, South Eastern University, 63p.
- 4) Razmy A M and **Peiris, T S G** (2012). A standard method to compare combined Quality Monitoring Schemes using Average Raw length. *Proceeding of the 2nd International Symposium*. South Eastern University of Sri Lanka. 172-173 p

2011

- 1) **Cooray T M J A** (2011). Capturing Leverage Effect of High Volatility Data Series. *Proceeding of the Annual Academic Secession*. The Open University of Sri Lanka, pp 83-86.
- 2) Peiris T U and **Peiris, T S G** (2011). Measuring Stock Market Volatility in an Emerging Economy. *International Conference on Business and Information*, Faculty of Commerce and Management Studies, University of Kelaniya,
- 3) Mathugama S C and **Peiris T S G** (2011). Critical Evaluation of Dry Spell Research. *International J of Basic and Applied Sciences*, 11 (6), 153-160.
- 4) Pamoda Kodikara and **Cooray T M J A**. (2011). Econometric Analysis Of Value Added Tax with Colombo Consumer Price Index In Sri Lanka. *Proceedings of the 8th International Conference on Business Management*, University of Sri Jayawardanapura.

- 5) Daamage D T, Wckramasighe V M and **Cooray T M J A** (2011). Sustainable Development through Workforce Planning: An analysis and forecast of investment-Based employment generation, *Colombo Business Journal*. Vol. 2, 15-36
- 6) **Jayatilake U C** (2011). Brannan's Conjecture for Initial Coefficients, Complex Variables and Elliptic Equations, 2011/07 (ISSN 1747-6933 print/ISSN 1747-6941 online).

2010

- 1) Mathugama C S and Peiris T S G (2010). Forecasting critical dry spell lengths in Anamaduwa. *Proceedings of the 16th Annual Symposium of the Faculty of Engineering*, 240-241.
- 2) Waidyaratne K P, **Peiris T S G** and Samita S (2010). Significance Changes of Seasonal Rainfall in Coconut Growing Area in Sri Lanka. *In Proceedings of the 3rd Symposium on Plantation Crop Research*. - 214-223, (Eds: R S Dharmakeerthi and A M W K Senevitahna), 30 September-01 October, Cinnamon Garden Hotel, Colombo, Sri Lanka.
- 3) Mathugama S C and **Peiris T S G** (2010). Minimizing of vulnerability caused by extended dry spells. *Proceeding of the 2nd National Symposium on Disaster Risk Reduction and Climate Change Adaptation*, 13-14 October, Sri Lanka Foundation Institute, Sri Lanka, 14p
- 4) **Peiris T S G** (2010). A study of future climate in Sri Lanka. *Proceedings of the 2nd National Symposium on Disaster Risk Reduction & Climate Change Adaptation*, 13-14 October, SLFI, Colombo, 47p
- 5) **Silva H V S de**, Karunarathna A and Dharmarathna H A S G. (2010). Effects of socio-economic and academic factors on the performance of engineering students at the University of Moratuwa. *Proceedings of Annual Research Symposium, University of Colombo*, 1118p.

2009

- 1) Mathugama C S and Peiris T S G (2009) . Forecasting Dry Spells in DL1 - A Case study from Anamaduwa. *Proceedings of the 15th Annual Symposium of the Faculty of Engineering*, 123-124.
- 2) Mathugama, S. C. and **Peiris, T. S. G.** (2009). Analysis of the occurrence of dry spells in the DL2 region of Sri Lanka, *Proceeding of the International Statistics Conference*, 8-10 January, Sri Lanka Foundation Institute, Sri Lanka, 10p
- 3) D. C. Wickramarachchi, S. Samita and **Peiris, T. S. G.** (2009). An Algorithm to detect over-dispersion in multinomial data. *Proceeding of the International Statistics Conference*, 8-10 January, Sri Lanka Foundation Institute, Sri Lanka, 21p

2008

- 1) **Peiris T S G**, Hansen J W and Lareef Zubair (2008). Use of seasonal climate information to predict coconut production in Sri Lanka. *International. J of Climatology*, 28: 103-10.
- 2) **Cooray T M J A** and Peiris, T S G (2008). Day and Night, Electricity Load Forecasting for Peaks Values in Sri Lanka. *Sri Lanka Journal of Applied Statistics*, 9, 121-131
- 3) **Peiris T S G** and Kularatne J D J S (2008). Assessment of Climate Variability for Coconut and Other Crops: A Statistical Approach. *International Journal of Coconut Research & Development (CORD)*. 24(1) 35-53
- 4) Kularatne J D J S, **Peiris T S G** and Samita S. (2008). Impact of Covariate on Single Palm Plot Experiments in Coconut. *International Journal of Coconut Research & Development (CORD CORD)*, 24(2), 10-20.
- 5) Peiris, T S G (2008). Impacts Assessment due to Climate Change on the Coconut Industry in Sri Lanka. *Proceedings of the 14th Annual Symposium of the Faculty of Engineering*, 24-25