

## CURRICULUM VITAE - P.A. SAMARATUNGA

- 1. Name** : Parakrama Amarenath Samaratunga  
**2. Date of Birth** : 3rd March 1953  
**3. Present Position** : Research Fellow and the Head of Agricultural Economics Unit of the Institute of Policy Studies of Sri Lanka

### **4. Present Job Responsibilities:**

- 1) Conducting agricultural economic research from initial problem identification to final reporting of results.
- 2) Directing and supervising the junior research staff.
- 3) Writing research proposals to attract donor funding
- 4) Conducting agricultural policy analyses
- 5) Agricultural and Natural Resource policy advisory activities

### **5. Areas of Professional Interest:**

Agricultural, Natural Resources and Environmental Economics.

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### **8. Educational Qualifications**

- i. Ph.D Agricultural and Resource Economics in La Trobe University, Melbourne, Australia-1996.
- ii. M.S. (Ag. Economics) in University of the Philippines at Los Banos, Laguna, Philippines-1984.
- iii. B.Sc. (Agriculture) Ag. Science with an advanced Course in Ag. Economics in University of Sri Lanka, Peradeniya Campus, Peradeniya, Sri Lanka.

### **9. Special awards**

The best Master Thesis award by the College of Development Economics and Management of the University of Philippines at Los Banos in 1984.

### **10. Occupational Experience**

#### **Research and Planning**

- Research Fellow and the Head of Agricultural Economics Unit - The Institute of Policy Studies of Sri Lanka. (July 2003 to date)
- Director- Socio Economics and Planning Centre of Department of Agriculture, Sri Lanka. (April 1998 – July 2003)
- Research Associate, Department of Agricultural Economics, La Trobe University, Melbourne, Australia. (Aug. 1992 – Jan. 1996)
- Agricultural Economist- Department of Agriculture, Peradeniya, Sri Lanka, (July 1977 - April 1998)
- Research Assistant -Research Unit, Department of Agric. Economics, University of Peradeniya, Sri Lanka. (June 1976 - July 1976)

#### **Teaching**

- A member of the teaching panel of Agricultural and Resource Economics, Post Graduate Institute of Agriculture, Peradeniya University. Peradeniya, Sri Lanka.

(Currently teaching Microeconomics and Resource Economics.)

- Visiting Lecturer – (Development Economics) Department of Town and Country Planning, Moratuwa University, Moratuwa, Sri Lanka. (2005 onwards)
- Visiting Lecturer – (Agricultural Economics) Faculty of Agriculture, Rajarata University, Mihinthale, Sri Lanka (2001 – 2002)
- Visiting lecturer – (Development Economics) Sri Lanka Institute of Advanced Technical Education (SLIATE), Kandy (1998-2000)
- Assistant Lecturer- Department of Agric. Economics, University of Sri Lanka, Peradeniya, Sri Lanka. (August 1976 - July 1977)

## **11. Major Research Activities and Positions Held**

- Sri Lankan Team leader of the research project on Regoverning Markets in Agriculture in Sri Lanka by the IPS of Sri Lanka in collaboration with Regoverning Markets Consortium. 2004 - 2005
- Team leader of the four country research study on The Impact of Agricultural Trade Liberalization in the Asia-Pacific funded by the UNESCAP, Bangkok. 2005 - 2006-07-06
- Team leader of the Land Markets and Regulations research project of the IPS of Sri Lanka. 2003 - 2005
- Agricultural Economist of the Farmer Centred Agricultural Resource Management research programme conducted by the Sri Lanka Department of Agriculture with FAO funding. 1997 - 2001
- National Team Leader of the Evaluation group of the GSL/FAO, Integrated Pest Control Program. Designing, testing, investigator training and supervision of the IPC Baseline Survey, development of a monitoring and evaluation scheme and supervising same were the major responsibilities. 1987 – 2000.
- Sri Lankan counterpart on economics in the Sri Lanka/ICRISAT Pigeon Pea research project. 1991 – 1992.
- Co-researcher in the Rice Based Cropping Systems Research Programme conducted by the Sri Lanka Department of Agriculture in collaboration with the International Rice Research Institute of the Philippines. 1978 – 1990.
- Researcher in charge of the districts under Central Agricultural Research Institute, Gannoruwa, in the base line study for Diversified Agricultural Research project, funded by USAID. 1985 – 1986.
- Researcher in the analysis phase of the GSL-Aus. National Uni. Collaborative research project on Technology Transfer, funded by ACIAR. 1985 – 1986.
- Co-researcher in the questionnaire development, planning and field assistant training and supervision in the island wide "Bench Mark Survey" of the Agric. Extension and Adaptive Research project, funded by the World Bank. 1979 – 1980.
- Co-researcher and the field research co-ordinator of the IRRI-GSL "Constraints to High Rice Yields" research programme, funded by the International Rice Research Institute, The Philippines. 1977 – 1979.
- The first Agricultural Economic researcher of the International Soy Bean Research Institute/ Department of Agriculture research project at The Central Agricultural Research Institute, Gannoruwa, Sri Lanka. 1977- 1978.
- Designed, tested and implemented the first ever continuous, island wide farm management information gathering program leading to the publication "Cost of Cultivation of agricultural Crops" starting 1978. This is still being continued as the only farm data time series in the country.

## **12. Major Planning Activities**

- Coordinated all planning activities of the Department of Agriculture for the period 1998 – 2003, as the Director, Socio-economics and Planning.
- In the same capacity, coordinated the donor funded research and development projects of the Department of Agriculture.
- Guided and coordinated the preparation of the “Strategic Plan of the Department of Agriculture – 2000”.
- Prepared a section for the Agricultural Support Services Project proposal, concerning the districts under Central Agricultural Research Institute, Gannoruwa.
- Prepared the Status Review Report for the Central agricultural region. 1990.
- Prepared the format for the Status Review Report – a research planning document- for the Council for Agricultural Research Policy and conducted a pilot study to provide guidelines for the study proper. 1989.
- Expanded the statistical unit of the Division of Agricultural Economics and Projects (of the Department of Agriculture) and published Agricultural Statistical Information Vol. II with enhanced coverage, as the officer in charge of the unit from 1977 to 1981.

**13. List of Publications:** Attached hereto in a separate sheet.

## **14. Private Consultancies**

- Consultant to OXFAM – Colombo for the study on the “Impact of Agricultural Trade Liberalization on the Small Rice Farmers of Sri Lanka”. 2006.
- Expert consultant on agriculture to IUCN – Colombo for the preparation of the National Sustainable Development Strategy, 2006.
- Joint Consultant to Institute of Policy Studies as “ Poverty Environment Nexus “ (2002)
- Consultant to the Ministry of Environment on “The Capacity of Economic Instruments to Mitigate Soil Erosion in Upcountry Sri Lanka “(2001).
- Sri Lankan consultant in 'Optimal Replacement of Tea' to the collaborative research project on "Optimal Land Use in Sri Lanka with Particular Reference to Land Degradation and Plantation Industries" between La Trobe University (Australia) and the Ministry of Plantation Industries in Sri Lanka (1996).
- Sri Lankan consultant to the International Food Policy Research Institute, Washington D.C. on the Food Situation Outlook for Asia Project (1992).
- Sri Lankan sub consultant to the Asian Development Bank (Through Pragma Corporation, Manila, Philippines) on the Project on comparative advantage of tea and coconut (1992).
- Member of the team of consultants at Environmental Planning Services of Colombo, Sri Lanka for the preparation of the Wayamba Regional Plan prepared for the National Physical Planning Department, Colombo, Sri Lanka.

## **15. Organizational Affiliations**

- 1) Life member of the Sri Lanka Agricultural Economics Association.
- 2) Life member of Sri Lanka Economics Association
- 3) Member and former chairman of The National Committee of Agricultural Economists and Policy Analysts affiliated to the National Council for Agricultural Research Policy, Colombo.

**16. Foreign countries visited for training and professional matters.**

Nepal, Philippines, Australia, Indonesia, U.S.A, Bangladesh, Thailand, India, Macao, China, Korea

### **17.Unrelated Referees**

Dr. Sisira Jayasuriya,  
Associate Professor,  
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## **LIST OF PUBLICATIONS**

### **In Refereed Journals**

#### Under review:

- "Optimal Replacement of Tree Crops in the Presence of Soil Erosion: An Analytical Model with an Application to Tea Replanting in Sri Lanka." Agricultural Economics, 2007

- "Definition and Measurement of User Cost in Soil Erosion: Is there Confusion?" Ecological Economics, 2007

#### In circulation

- 1) " Trade liberalization and its impact on rice sector of Sri Lanka" Co-authored with M.I.M. Rafeek, Sri Lankan Journal of Agricultural Economics., Vol.3, No.1, 2000.
- 2) "Changes in rice production stability with the spread of new technology and its implications: The case of Sri Lanka", Quarterly Journal of International Agriculture, Vol. 30 (4) November 1991.

- 3) "Econometric modelling for markets with consumer commodity rationing: An application to rice in Sri Lanka, 1957 - 1978." Sri Lanka Journal of Agricultural Science, Vol. 25, No. 2, 1988.
- 4) "An economic appraisal of the position of tropical root and tuber crops in human nutrition in Sri Lanka" Journal of Root Crops, No. 13, No. 1, 1987.

#### **Other Refereed Publications**

- 1) "Irrigation water charges in Sri Lankan agriculture" State of the Economy, 2006. The Institute of Policy Studies, Colombo, 2006.
- 2) "Mapping and analysis of South Asian agricultural trade liberalization efforts". Co-authored with K. Karunagoda and M. Thibboutwawa. ARTNeT Working Paper Series, No. 26, 2006.
- 3) "Major characteristics and their determinants of the rural land sector in Sri Lanka and implications for policy" Research Studies: Agricultural Policy Series No.7., The Institute of Policy Studies, Colombo. 2006.
- 4) "Are rental markets for land helping the poor in Sri Lanka." Co-authored with Dilhani Marawila in Putting Land First? Exploring Links Between Land and Poverty Diana Montero Melis; Malinga Abeysuriya and Nilakshi de Silva (eds). Centre for Poverty Analysis. Colombo. 2006.
- 5) "Land Policy in Sri Lanka", State of the Economy, 2004. The Institute of Policy Studies, Colombo, 2004.
- 6) "Optimal Replacement of Long-Live Crops Grown on Erosive Soils with an Application to the Tea Sector of Sri Lanka" Occasional paper No.24, School of Agriculture, La Trobe University, Melbourne, 1996

#### **In non-refereed Journals**

- 1) "Role of Land Rental Markets in Agricultural Development of Sri Lanka." Co-authored with Dilhani Marawila, Economic Review, December 2006
- 2) "A Study of economic potentials of using Cassava (Manioc) as an industrial raw material in Sri Lanka." Economic Review, March, 1987.
- 3) "An exploratory study on the use of insecticides in peasant paddy production in the central region - Part I" KRUSHI - Vol. 10, No. 2, 1987, Part II KRUSHI - Vol. 10, Nos. 3 & 4, 1987.
- 4) "A review of the economics of fertilizer use in small scale farms." The Progress, Vol. 6, No. 1, 1986.
- 5) "Agricultural Economics, Statistics and Surveys - Part II" KRUSHI - Vol. 3, No. 1, 1981
- 6) "Agricultural Economics, Statistics and Surveys - Part I" KRUSHI - Vol. 2, No. 4, 1980

### **Other Publications/Monographs:**

- 1) "Implications of international trade agreements on Sri Lankan non-plantation agriculture" in Trade Liberalization in agriculture. FAO and Hector Kobbekaduwa Agrarian Research and Training Institute, Colombo - 1999
- 2) "Socially Optimal Replacement of Up-Country Tea in Sri Lanka." Discussion Paper No.18, School of Agriculture, La Trobe University, Melbourne, 1997.
- 3) "The Problem of Price Fluctuations in up country vegetables and its Implications" Co-authored with G.K. Renuka and K.S. Karunagoda, Socio Economics and Planning Centre, DOA, Peradeniya, 1996.
- 4) "Economic Feasibility of Cultivation of Pigeon-pea in Sri Lanka ". Co-authored with W.H.D. Kularatne, division of Agricultural Economics & Planning, DOA, Peradeniya. 1992.
- 5) "Potentials and problems of income and employment generation through small-scale processing of Coarse Grains, Pulses, Roots and tubers in Sri Lanka ". CGPRT Centre - Indonesia. 1991
- 6) "Food Situation Outlook for Asia: Country Report Sri Lanka", 1991 (co-authored with N.F.C. Ranaweera). Report submitted to IFPRI.
- 7) "A Statistical Profile of the Agricultural and Socio Economic setting in the Central Agricultural Region of Sri Lanka, 1980 - 1985". Division of Agricultural Economics and Projects, Department of Agriculture, Peradeniya August, 1986.
- 8) "Economic Background of Fertilizer Use" (in Sinhala) A Handbook of Village Level Fertilizer Dealers Ed. Ananda Guneratne. F.A.O./National Fertilizer Secretariat, Colombo, 1985.
- 9) "Location and farm specific performance of sample rice farmers in Kurunegala District, Sri Lanka, Yala Season, 1984". Co-authored R.T. Shand and P.A. Samaratunga. Project working paper: Sri Lankan Series: SL/4. A Regional Analysis of the Transfer and Performance of New Technologies in Rice Based Farming Systems in Sri Lanka and the Philippines.
- 10) Report on the Socio-Economic Profile of the contact farmers appointed under the AE & AR Project in Kandy district. (83/84 Maha), P.A. Samaratunga and T.H.C.S. Perera, 1984.

### **Papers in the Proceedings of Symposia/Seminars/Workshops**

- 1) "Rice production policy for the 2000s; National and international perspectives." Proceedings of the Rice Symposium 2000, held at the Plant Genetics Resources Centre, Peradeniya, Sri Lanka, 2000.
- 2) "Economic Performance of the Farmers at Thirappane FARM Site." Paper presented at the Farmer Centred Agricultural Resource Management (FARM) Site Planning Workshop, Bangkok, 6th - 7th February, 2000.
- 3) "Economic implications of SAPTA on Non-Plantation Agricultural Sector of Sri Lanka" Workshop on South Asian Preferential Trading Agreement (SAPTA) and its implications on the food crops sector of Sri Lanka, National committee of Socio Economists and Policy Analysts, Colombo.1999.
- 4) "Economic feasibility of tea replanting as a strategy to improve productivity in tea lands" co-authored with J.A.A.M. Jayakody and A. Ananda Coomaraswamy paper presented at the Experiment and Extension forum, January 1999. Tea Research Institute, Thalawakele.
- 5) "Impact of farming systems research in two sites in Bandarawela, Sri Lanka" (co-authored N.F.C. Ranaweera, P.A. Samaratunga, K.P. Jayasinghe and G.K. Renuka) Workshop on "Impact of farming systems" Kandy, Sri Lanka, 1991.
- 6) "Paddy production in Sri Lanka: Past, present and the future".(co-authored - N.F.C. Ranaweera, P.A. Samaratunga and A.A.B. Hafi). Rice congress 1990, Department of

- Agriculture, Kandy, Sri Lanka, 1990.
- 7) "The performance of new rice technology in Sri Lanka, 1983/84 to 1985/86. Co-authored with Ric Shand, Samaratunga and Canute De Silva). Rice-based Farming Systems Workshop, Iloilo, Philippines 18-25 July, 1986.
  - 8) "Economic potentials of promoting root and tuber crops in Sri Lanka." Symposium on Root and Tuber Crops, Peradeniya, Sri Lanka, July, 1984.
  - 9) "Policy issues relating to Paddy production in Sri Lanka." (Co-authored - N.F.C. Ranaweera, G.A.C. De Silva and P.A. Samaratunga). In Rice Symposium 80, Department of Agriculture, Sri Lanka, 1980.
  - 10) "Plan for 1977/79 constraints research in Sri Lanka." (co-authored - N.F.C. Ranaweera, P. Samaratunga, J.N.S. Dias, A.A. Jayawardena). Seminar on Constraints to High Rice Yields - IRRI, Los Banos, Philippines, April 24-26, 1978.

### **Theses**

1. Masters thesis (1984): "An Aggregate Economic analysis of the Effects of the Price and distribution Policy on Rice in Sri Lanka".
2. Ph.D. Thesis: "Optimal Replacement of Long-lived crops grown on erosive soils with an application to the tea sector of Sri Lanka".

### **Unpublished Research**

These are the reports submitted to the M/AD&R, DA and various other divisional heads, mostly aimed at providing solutions to, or helpful information on current problems.

- i. 2 reports on "Potato cyst nematode problem in Nuwara Eliya" 1991. Submitted to the Director of Agriculture.
- ii. "Planning as a specific function of the Department of Agriculture", Discussion paper presented to the Directorate of the Department of Agriculture, 1990.
- iii. "Survey on cost of production and processing cigarette tobacco in Yala seasons in Matale and Kurunegala" 1989.
- iv. "Survey on cost of Production of Cigarette Tobacco" 1985. Submitted to the S/AD&R
- v. "Report on a survey of consumer preference for Soya milk in Ampare District" 1979. Submitted to the GSL-INSOY project, DOA.
- vi. "A socio-economic survey in the lift irrigation project in Rajangana" 1978. Submitted to DD (Extension), DOA
- vii. "Report on Survey of contact farmers in Five Tank project in Anuradhapura" 1977. Submitted to DD (Extension), DOA.

**Other concurrent projects**

During the same period, researchers will be involved in a project on “The recreational use value of Diyawanna Oya wetland ecosystem: An Application of Travel Cost Method” funded by South Asian Network for Development and Environmental Economics (SANDEE). Further, they will be partly involved in a short term assignment carried out by the institution on “Value Chain Analysis on Selected Agricultural Commodities” with collaboration of USAID.