

TABLE OF CONTENTS

	Page
Preface	i
Acknowledgements	ii
Recommendations	iii
Messages from Dignitaries	
Hon. Jagath Pushpakumara	1
Minister of Coconut Development and Janatha Estate Development	
Hon. Susil Premajayantha	3
Minister of Environment and Renewable Energy	
Mr. Nihal Somaweera	4
Secretary, Ministry of Coconut Development and Janatha Estate Development	
Prof. H. P. M. Gunasena	6
Chairman, Coconut Research Board	
Dr. H. A. J. Gunathilaka	7
Director, Coconut Research Institute	
Statements on Climate Change Impacts from International Organizations and Partners	
Mr. Patrick Evans	9
Representative of the Food and Agriculture Organization (FAO), Sri Lanka	
Dr. Ananda Mallawatantri	10
Energy and Disaster Risk Reduction Programmes of UNDP, United Nations Development Program, Sri Lanka	
Dr. Palitha Bandara	11
Focal Point- Environment & Climate Change, Sri Lanka Resident Mission, Asian Development Bank (ADB), Sri Lanka	
Ms. Darshani De Silva	12
South Asia Environment and Water Resources Unit, South Asia Sustainable Development Department, The World Bank (WB), Sri Lanka	
Mr. Jeremy Bird	13
Director General, International Water Management Institute (IWMI), Sri Lanka .	
Dr. V. P. Singh	14
Regional Coordinator, World Agroforestry Centre (ICRAF), India.	
Mr. B. M. U. D. Basnayake	16
Secretary, Ministry of Environment and Renewable Energy, Sri Lanka.	
Key Note Address : Development priorities of Sri Lanka and climate change impacts	
Dr. B. M. S. Batagoda	17
Deputy Secretary to the Treasury, Ministry of Finance and Planning, Sri Lanka.	

Technical Papers

- Changes in climate, atmospheric composition and land – atmosphere interactions.....21
across the South Asian Region
S. Sitch, L. Mercardo, A. Anav, G. Murray-Tortarolo and W. A. J. M. De Costa
- Experimental probabilistic rainfall forecast for different districts in Sri Lanka using.....39
climate predictability tool
I. M. S. P. Jayawardane
- Occurrence of extreme climatic events in Sri Lanka 49
K. H. M. S. Premalal and B. V. R. Punyawardena
- Impacts of rainfall change on agro – ecological regions of Sri Lanka59
L. P. Muthuwaththa and P. K. N. C. Liyanage
- Impact of climate change on water resources and agriculture in Sri Lanka67
C. S. De Silva
- Impact of climate change on food security in Sri Lanka 73
W. M. W. Weerakoon
- Climate change and household food security in homegardens of Sri Lanka 87
B. Marambe, G. Pushpakumara, P. Silva, J. Weerahewa and B. V. R. Punyawardena
- Impact of climate change on coconut and identification of adaptation measures with101
special emphasis on reproductive development
C. S. Ranasinghe
- Effect of temperature variation on quality parameters of black tea.....115
(*Camellia sinensis* L.) produced in Sri Lanka
S. P. Nissanka, W. M. D. N. Wanasinghe and W. A. Wijerathne
- Present status of climate related policy, legal, institutional and research initiatives 125
of Sri Lanka
R. D. S. Jayatunga and N. Kumari
- Capacity for carbon sequestration and climate change mitigation in different137
ecologically distinct zones of Sri Lanka
W. A. J. M. De Costa, G. Murray-Tortarolo, A. Harper and S. Sitch
- Planting rubber in drier climates in Sri Lanka: its implication in climate change and 153
economics
V. H. L. Rodrigo and E. S. Munasinghe
- Climate change and biofuels : Current status and way forward 161
N. Sharma
- Farmer's beliefs and perceptions of climatic variability and change :.....175
implications on adaptation decisions
A. Senaratne