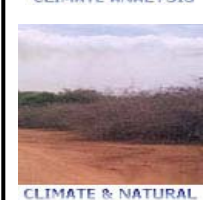
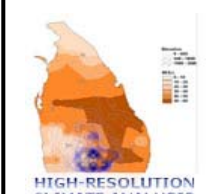
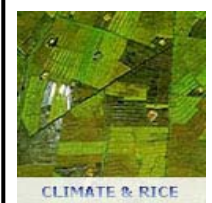
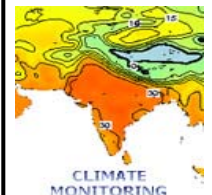
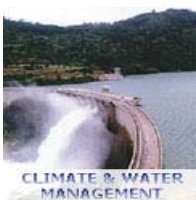
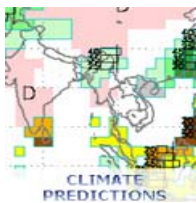


# Foundation for Environment, Climate and Technology

*To advance the application of science for societal welfare*

## Introduction

Weather and Climate shapes lives, livelihoods, environment and the economy. It is difficult to overestimate its pervasive impact. There has been little advantage taken of advances in weather and environmental prediction technologies, advances in computing, satellite imaging and communication technologies in poor countries. Realizing this, and capitalizing on ongoing work, we started a Foundation in 2002 and registered it as a non-profit company in 2003. This builds on the work of the officers in Sri Lanka and internationally. Our work is oriented towards developing useable scientific and technological information that can be applied in diverse sectors. We work in the areas of information technology, publishing and engineering for sustainable development in addition to climate. We work with partners in government institutions, research institutes and universities. Our charter limits us from turning private profit but requires us to develop the science and technology field in partnerships



## Our Contributions

- Demonstration science application projects
- Science and Technology data base development
- Climate and Environmental diagnostic work
- Development of local technological capacity
- Website development
- GIS development
- Supported tertiary education (3 Masters and 2 Bachelors degrees)
- Provided research support for post-graduate students
- Assisted Sri Lankan scientists and professionals in research
- Collaborated in project development and execution
- Training in publication of research output
- Trained Personnel in collaborating agencies

## Capacity Building and Outreach

Apart from on-the-job training in state of the art technologies for staff, we have conducted seminars and training programs for agencies; supported research of students and researchers, and disseminated information broadly with newsletters, posters and feature articles. .

## Further Information

**Brochure:** A detailed brochure is available.

**Websites:**

- <http://www.climate.lk>
- <http://www.tropicalclimate.org/>
- <http://www.geolanka.net>
- <http://www.recoverlanka.net/>

## Contact Details

**Address:** FECT,  
c/o Maintenance Office,  
Mahaweli Headworks Division,  
Digana Village, Rajawella,  
Kandy, Sri Lanka.

**Email:** [climate@slt.net.lk](mailto:climate@slt.net.lk),  
[slmohn@slt.net.lk](mailto:slmohn@slt.net.lk)

**Telephone:** +94-81-2376746  
+94-81-4922992 (Board)

## Institutional Profile

**Company Name** - Foundation for Environment,  
Climate and Technology

**Registration Number** - N(A) 1148 and GA 56 (from 2008)

**Date of Incorporation** - 31st of December 2003

**Company Secretary** - Ralapanawe Associates

**Auditor** - Anzari & Company

**Bankers** - Peoples Bank; Hatton National Bank

### Collaborations

Our team members have collaborated with:

#### Sri Lankan Institutions

Mahaweli Authority of Sri Lanka  
National Water Resources Authority  
Department of Meteorology  
University of Peradeniya  
Intl. Water Management Institute  
Anti Malaria Campaign  
Coconut Research Institute  
Tea Research Institute  
Department of Wildlife Conservation  
Open University of Sri Lanka

#### International Institutions

International Research Institute of Climate  
and Society, New York.  
Columbia University  
Indian Institute of Tropical Meteorology  
Indian Institute of Science  
Frontier Research System for Global  
Change, Japan  
National Aeronautical and Space  
Agency (NASA), Maryland, USA.

### Officers

Ranmalee Bandara - Research Scientist  
Janaki Chandimala - Research Engineer  
Susanthi Liyanaarachchi - Research Engineer  
Badra Nawaratne - Civil Engineer  
Rimza Zacky - Accountant  
Zeenas Yahiya - Social Scientist

### Advisors

Sarith Mahanama - Hydrometeorologist  
Vidhura Ralapanawe - Information Technology  
P. Wickramagamage - Geographer  
Lareef Zubair - Principal Scientist

### Collaborators

Neil Devadasan - Systems Engineer  
Ruvini Perera - Hydrologist  
Sabry Razick - Scientific Computation

### Alumni

Heli Bulathsinhala - Research Engineer (2001-2)  
Chanaka Wickremasinghe - Data Entry (2001-2)  
Upamala Tennakoon - GIS Operator (2002-7)  
Kusalika Ariyaratne - Research Engineer (2002-3)  
Siraj Razick - IT Engineer (2002-6)  
Irugal Bandara - Research Scientist (2002-3)  
Manjula Siriwardhana - Research Engineer (2004-7)  
Yoosuf Ashraj - Research Assistant (2005-7)  
Amal Tilakaratne - Data Entry (2006-7)  
Champika Jayathilaka - Research Scientist (2007)  
Amila Karunaratne - System Administrator (07-8)

## Our Projects

- [Climate Information for Mahaweli River Basin Management](#) ( 2000-to date )  
We collaborated with the International Research Institute for climate and society (IRI) and the Mahaweli Authority to identify the potential use of seasonal climate information for water resource and environmental management.
- [Climate Change and Variability and Tea and Coconut Plantations in Sri Lanka](#) ( 2002 – 2006 )  
We collaborate with the Tea and Coconut Research Institutes and the Department of Meteorology supported by the SysTem for Analysis, Research and Training through the Sri Lanka Association for Advancement of Science.
- [Climate Variability and Rice Production in Sri Lanka](#) ( 2000 )  
We showed a relationship between rice production in Sri Lanka and El Nino and investigated the El Nino of 2002.
- [Climate and Human-Elephant Conflict in Sri Lanka](#) ( 2001 – 2004 )  
We identified the climate influences on human elephant conflict. This effort was funded by the IRI.
- [Climate and Natural Disaster Risk in Sri Lanka](#) ( 2002 – 2005 )  
The risks posed by multiple natural hazards (droughts, floods, landslides, cyclones) in Sri Lanka were identified. This effort was funded by the World Bank through the Earth Institute at Columbia University.
- [Malaria Risk Mapping and Early Warning Systems in Sri Lanka](#) ( 2003 – 2007 )  
We contributed to a project on climate and malaria in Sri Lanka in collaboration with the IRI, IWMI to develop an early warning system for malaria risk in the Uva Province. Funded by NOAA.
- [Assessing predictability of seasonal rainfall in the Kelani river basin in Sri Lanka](#) ( 2007 – to date )  
We have demonstrated the potential of using climatic tele-connections with Sri Lankan climate to provide predictions of seasonal rainfall and streamflow for the Kelani. Funded by the International Foundation for Science.
- [Assessing drought and enabling adaptation through rainwater harvesting at Idamelanda](#) ( 2007 – to date )  
Scarcity assessments climate analysis shall be developed to support Rain Water Harvesting policy, design and operations in the the Hanguranketha AGA division. Funded by the Provention Consortium.