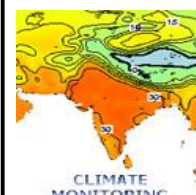
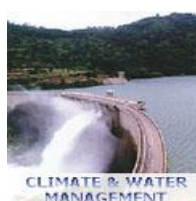
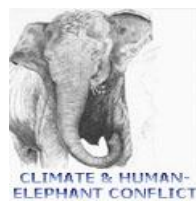
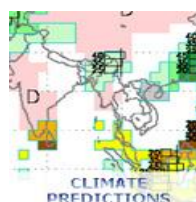


Foundation for Environment, Climate and Technology

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 & 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, Sri Lanka.

Email: climate@slt.net.lk
slmohn@slt.net.lk

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

Institutional Profile

Company Name: Foundation for Environment,
- Climate and Technology.

Registration No: N(A)1148 & GA 56 (from 2008)

Date of Incorporation: 31st December, 2003

Company Secretary: Ralapanawe Associates

Auditor: Anzari & Company

Baukers: 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

Sumudu Adhikari	- Junior Research Engineer
Ranmalee Bandara	- Research Scientist
Janaki Chandimala	- Research Engineer
Madhura Weerasekera	- Junior Research Scientist
Mohamed Nasly	- Junior Research Scientist
Badra Nawaratne	- Civil Engineer
Rimza Zacky	- Accountant
Yoosuf Ashraj	- Research Assistant
Sanira Tennakoon	- Research Assistant
Zeenas Yahiya	- Projects Manager

Advisors

Lareef Zubair	- Principal Scientist
Sarith Mahanama	- Hydro meteorologist
Vidhura Ralapanawe	- IT
P. Wickremagamage	- Geographer
Neil Devadasan	- Systems Engineer
Ruvini Perera	- Hydrologist
Sabry Razick	- Scientific Computation
Ramany Sritharan	- Agriculture
Chandrika Gadiewasam	- Communications

Alumni

Heli Bulathsinhala	- Research Engineer (2001-2)
Chanaka Wickremasinghe	- Data Entry (2002-2)
Upamala Tennakoon	- GIS Operator (2002-7)
Kusalika Ariyaratne	- Research Engineer (2002-3)
Siraj Razik	- IT Engineer (2002-6)
Irugal Bandara	- Research Scientist (2002-3)
Manjula Siriwardhana	- Research Engineer (2004-7)
Amal Tilakaratne	- Data Entry (2006-7)
Champika Jayathilaka	- Research Scientist (2007)
Amila Karunaratne	- System Administrator (2007-8)
Susanthi Livanaarachchi	- Research Engineer (2008-9)

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 collaborated 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](#) (2001 – 2004)

We identified the climate influences on human elephant conflict. This effort was funded by the IRI.

§ [Climate and Natural Disaster Risk](#) (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 and IRI.

§ [Malaria Risk Mapping and Early Warning Systems](#) (2003 – 2007)

We contributed to a project on climate and malaria in Sri Lanka in collaboration with the IRI, IWMI and other partners to develop an early warning system for malaria risk in the Uva Province. Funded by the NOAA.

§ [Assessing drought and enabling adaptation through rainwater harvesting at Idamelanda](#) (2007-2009)

Scarcity assessments climate analysis was developed to support Rain Water Harvesting policy, design and operations in Hanguranketha. Funded by the Provention Consortium.

§ [Assessing predictability of seasonal rainfall in the Kelani river basin in Sri Lanka](#) (2007 –to date)

We have demonstrated the potential of using El Nino/Southern Oscillation (ENSO) tele-connections with Sri Lankan climate to provide predictions of seasonal rainfall and streamflow for its major basins. Funded by the International Foundation for Science.

§ [Launching a Masters in Sustainable Development Practice at the University of Peradeniya](#) (2009-2011)

We shall support courses related to environmental science and technology through research support and guidance, and field placement for student internship and curriculum development. Funded by MacArthur Foundation, USA.

§ [ENSO Impacts on Cereals in Sri Lanka](#) (2010)

We shall assess the impact of ENSO on Rice by region in Sri Lanka. Funded by FAO through University of Philippines placement for student internship and curriculum development. Funded by MacArthur Foundation, USA.