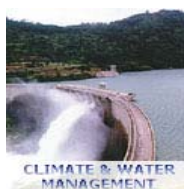
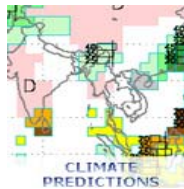


# Foundation for Environment, Climate and Technology

*To advance the application of science for societal welfare*

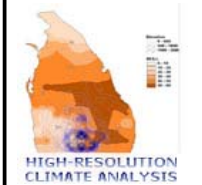
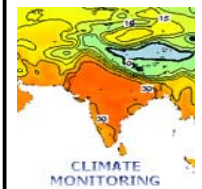


## Our Contributions

The Foundation for Environment, Climate and Technology (FECT) was registered as a non-profit company in 2003 to consolidate a decade of research, adaptation projects, and infrastructure development and sustain capacity. We contribute to climate, hydrology, adaptation, information technology, publishing and engineering for sustainable development. Our charter requires us to work towards societal welfare.

## Current Projects

- [Assessing predictability of seasonal rainfall in the Kelani river basin in Sri Lanka](#) (2007–to date): We are developing predictions of seasonal streamflow based on climate. Funded by the International Foundation for Science. PI: Janaki Chandimala
- [Launching a Masters in Development Practice at the University of Peradeniya](#) (2009-2011) : We support curriculum development, teaching, research and field placements. We shall undertake research projects in Sri Lanka and Maldives. Funded by MacArthur Foundation. Co-PI's: Lareef Zubair and Zeenas Yahiya.
- [ENSO Impacts on Cereals in Sri Lanka](#) (2010) : We assess the regional impact of climate on Rice in Sri Lanka. Funded by FAO. PI– Zeenas Yahiya
- [Regional and Seasonal variation of Dengue Risk in Sri Lanka and its relationship to Climate](#) (2010-2011); We characterize dengue incidence in Kandy, Sri Lanka and its relationship to climate. Funded by WHO. – PI: Zeenas Yahiya
- [Climate Change Impacts on Seasonally and Intermittently Open Tidal Inlets](#) (2009-2013) : We shall characterize the seasonal and regional variation of streamflow under climate change forcings as provided by CSIRO. Funded by UNESCO, PI: Sarith Mahanama



## Vision

To sustain a center of excellence in climate, environmental and information technologies and related areas where research is pursued; technological capability is advanced, and where all of this is used to execute socially valued projects.

## Further Information

**Brochure:** Is available at websites or on request.

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

**Date of Incorporation:** 31<sup>st</sup> December, 2003

**Company Secretary:** Ralapanawe Associates

**Auditor:** Anzari & Company

**Bankers:** Peoples Bank, Hatton National Bank

## Collaborations

We have collaborated with:

### Sri Lankan Institutions

Mahaweli Authority of Sri Lanka  
National Water Resources Authority  
Department of Meteorology  
University of Peradeniya  
International Water Management Institute  
Anti Malaria Campaign  
Coconut Research Institute  
Tea Research Institute  
Department of Wildlife Conservation  
Open University of Sri Lanka  
University of Jaffna  
Eastern University of Sri Lanka  
Sabaragamuwa University

### International Institutions

International Research Institute of  
Climate and Society, New York  
Earth Institute at 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.  
Maldives Ministry of Environment  
Botswana Meteorological Service

## Officers

Sumudu Adhikari - Scientist  
Ranmalee Bandara - Scientist  
Janaki Chandimala - Engineer  
Madhura Weerasekera - 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 - Bio-Informatics  
Ramany Sritharan - Agriculture  
Chandrika De Silva - Communications

## Alumni

Heli Bulathsinhala - Engineer (2001-2)  
C. Wickremasinghe - Data Entry (2002-2)  
Upamala Tennakoon - GIS (2002-7)  
Kusalika Ariyaratne - Engineer (2002-3)  
Siraj Razik - IT Engineer (2002-6)  
Irugal Bandara - Scientist (2002-3)  
Manjula Siriwardhana - Engineer (2004-7)  
Amal Tilakaratne - Data Entry (2006-7)  
Champika Jayathilaka - Scientist (2007)  
Amila Karunaratne - Web (2007-8)  
Susanthi Liyanaarachchi - Engineer (2008-9)  
Mohamed Nasly - Scientist (2009-10)

## Completed 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](#) (2002-6)  
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](#) (2000-2)  
Investigate relationship between rice production in Sri Lanka and El Nino.
- [Climate and Human-Elephant Conflict](#) (2001-4)  
We identified the climate influences on human elephant conflict in Sri Lanka. Funded by the Earth Institute
- [Climate and Natural Disaster Risk](#) (2002-5)  
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](#) (2003-7)  
We contributed to a project on climate and malaria in Sri Lanka in collaboration with the IRI, IWMI and others to develop an early warning system for malaria risk. Funded by NOAA.
- [Assessing drought and enabling adaptation through rainwater harvesting at Idamelanda](#) (2007-9)  
Scarcity assessments climate analysis was developed to support Rain Water Harvesting policy, design and operations in Hanguranketha. Funded by the Provention Consortium.
- [Pro-bono \(2000-to date\)](#)  
We have assisted Tsunami relief; assisted community based organizations with project development and are supporting school programs. We also provide technical assistance for activities at the Mahaweli Authority.