

New Automated Weather Station at SIRC at Mathoda Island in the Huvadho Atoll, Maldives

Main Partners: Foundation for Environment, Climate, and Technology [FECT]; Maldives National University [MNU]; Maldives Meteorological Services [MMS]; NASA's Goddard Space Flight Center [GSFC].
Sponsors: US National Academy of Sciences and USAID. The University of Auckland, New Zealand.

Under the PEER cycle 3 grant awarded to FECT, MNU and others, two automatic weather stations were made available to MNU and to LaMER for the Small Island Research Centre(SIRC) at Mathoda Island in the Huvadho Atoll. LaMER has installed this weather stations at Mathoda, Huvadho Atoll near the equator (0deg 12min 9.36sec N, 73deg 11min 5.08sec E) and observations are available from October 2016. The SIRC facility is currently engaged in addressing sustainability problems in small islands and is looking into ways to accommodate researchers both local and international research efforts while bolstering existing research efforts in the Maldives as well as building an international profile of research emanating from the Maldives.

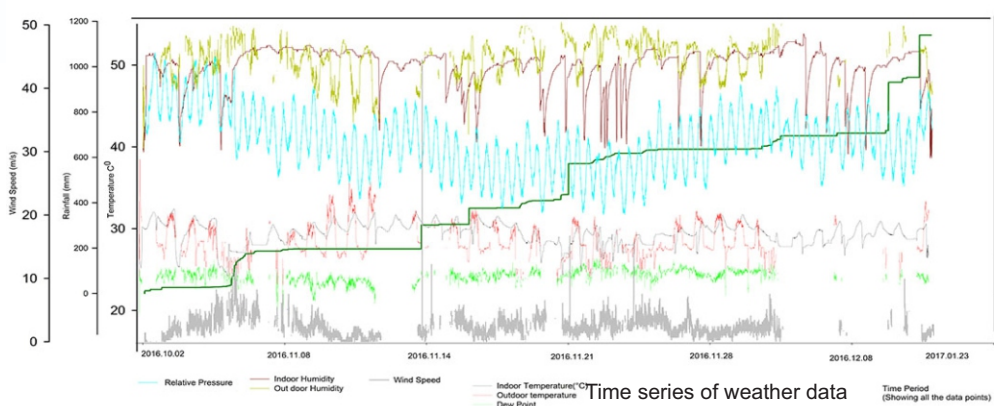


Dr. L. Zubair giving weather instrument to Mr. Aslam

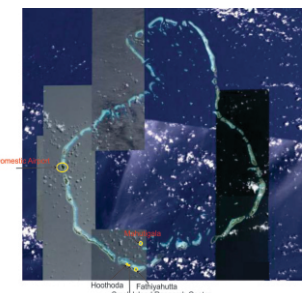


figure1: Installed Weather Station

This data is uploaded as the computers at SIRC is turned on and the data is accessible via a website and through twitter account.



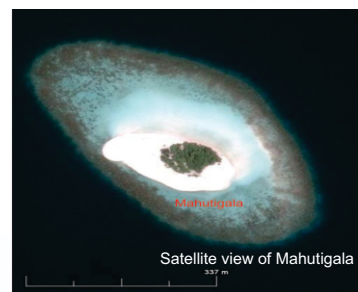
Time series of weather data



Satellite image of Huvadho Atoll



Satellite image of SIRC



Satellite view of Mahutigala

SIRC, Huvadho Atoll, Mathoda (0.2026°N73,1847°E)

About FECT

The Foundation for Environment, Climate and Technology is a non-profit organization working to apply science for societal welfare and ecological sustainability in Sri Lanka Comoros and New York since 2003. FECT has been working in the Maldives since 2009 at the invitation of the Ministry of Environment. We have been partnering with government organizations, non profits and companies for a series of projects related to climate, water resources, disasters and infectious diseases. <http://tropicalclimate.org/maldives/>

About SIRC

The Small Island Research Centre was established by Land and Marine Environmental Resource Group (LaMer) Pte Ltd in the Maldives. SIRC mainly focuses on the study of morphology, climate change and marine science. It has facilities to host researchers in Mathoda SIRC helps facilitate research by overcoming obstacles such as obtaining government accessing clearances for scientists and providing accommodation, logistical and infrastructure support.

Contact Us: Foundation for Environment, Climate and Technology
 c/o Mahaweli Authority of Sri Lanka,
 Digana Village, Rajawella, Kandy KY 20108. Sri Lanka
 Telephone : +94-812376746, +94-814922992
 Web: www.tropicalclimate.org/maldives
www.tropicalclimate.org
www.climate.lk

Mohamed Aslam
 Small Island Research Centre
 Honorary Academic at University of Auckland, New Zealand
 Telephone: +96 03315049
 Web: www.lamer.com.mv

