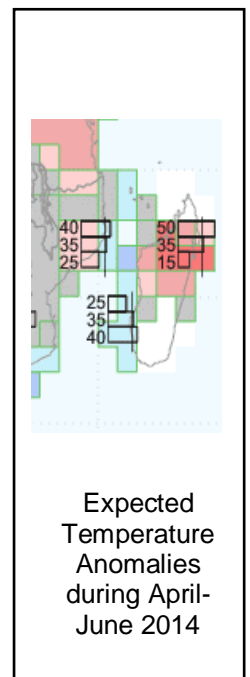
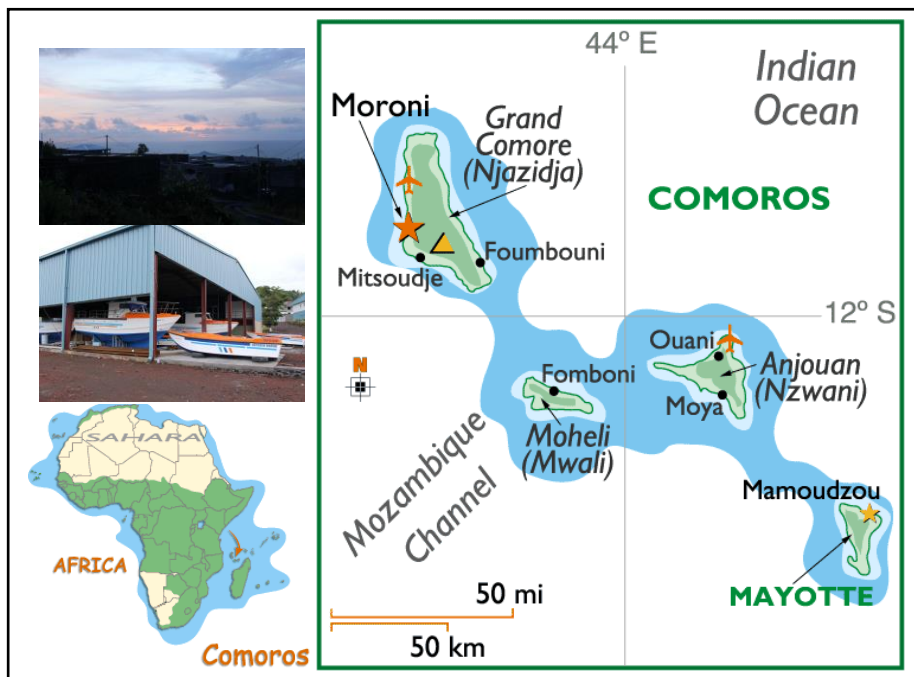
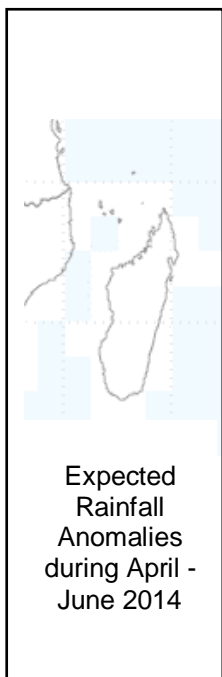


Foundation for Environment, Climate and Technology (FECT – Afrique)

Collaborators: Foundation for Environment, Climate and Technology, New York and Sri Lanka, National Fisheries Company, Comoros and Columbia University, New York, USA.

<http://www.tropicalclimate.org/comoros/>

Introduction: Climate and its change pose compelling challenges for Comoros as for the rest of Africa. In the view of many in the government, the capacity to undertake climate and adaptation related work should be enhanced. The Foundation for Environment, Climate and Technology (FECT) grew out of the two decade-long collaboration between Sri Lanka institutions and Columbia University. FECT is collaborating with Comorian agencies in undertaking research in Comoros and the Fisheries project. This flyer contains the timelines of events, the work areas that we are initiating, partners that we have started to work with and contact details. We have developed a website to share information at (www.tropicalclimate.org/comoros/). We have registered FECT-Afrique as a Non-Governmental Organization as of November 29, 2014 with the Government of Comoros as “Fondation pour l’Environnement, le Climate et al Technologies”.



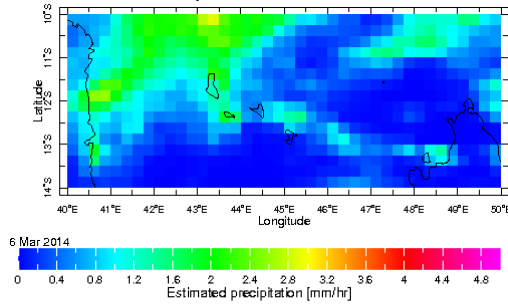
Timeline

- January 2014: Invitation from Ministry of Fisheries and Partners to Visit Comoros
- February 2014: Visit by Lareef Zubair for meetings with
 - State Agencies for Agriculture, Water, Disaster Management
 - State Agencies for Census and Statistics, Topography (Survey) and Meteorology
 - Head and Deputies of Hairu Fisheries Management, Hairu Engineering Consultancy,
 - Master Fisherman from 20 Fishing Villages, Deputy Minister of Fisheries,
 - Fisheries Craft Manufacturing Complex and Fisheries Training School of Hairu Fisheries.
 - Community Centre for Hahaya Village
 - Chef de Department de Geographie, Universitie do Comoros
- February 2014
 - Visit to Boat Manufacturing Complex in Oluvil Harbour.
- March 2014
 - Communication with Comorian Agencies
- November 2014: FECT-Afrique is registered as a non-profit organization
- January 2015: FECT Portal for Comoros Established
- Mary 2015: Flyers in French and English Developed
- Since 2016: Climate Analysis Projects undertaken (see overleaf)

Ongoing Projects (see portal for details)

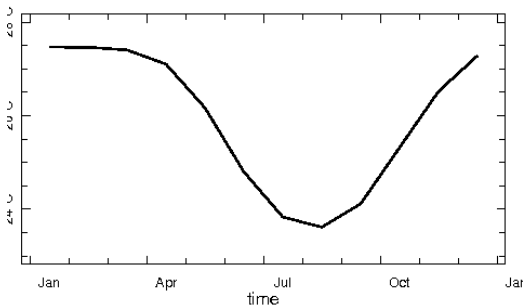
▪ **Satellite Rainfall Monitoring Tool**

We have customized a web tool to obtain 10 years of rainfall history over every 100/250 km regions in the Comoros. See observations for March 6, 2014. Updated conditions are available in the portal.



▪ **Climatological Analysis**

In Collaboration with the Comorian Meteorological Service, and Universite de Comoros and others, we investigated the spatial variability of rainfall and factors that influence the Seasonal to Inter-Annual Variability. Predictability is already evident.



Mean Temperature for Moroni by Month – ranges from 23 -28 °C

▪ **Climate Predictions for Comoros**

Predictions of climate for Comoros is available from multiple sources and we review available predictions for skill.

▪ **Climate Advisory for Comoros**

We have developed automated tools for assembling monitored and predicted climate. www.tropicalclimate.org/comoros/Online_2.html

▪ **Weather and Hazard Outlooks for Fishing Operations**

This collaboration focuses on setting up available weather predictions, development of customized predictions and the translation of these for cyclone, high wind speed, heavy rain and inundation forecasting.



Cyclone tracks in the South-West Indian Ocean 1980-2005 – Courtesy: Wikipedia.

▪ **Fisheries Outlooks** (planned)

There is potential for use of remote sensing and oceanic model output for fisheries. This work is based on tying together fisheries information and environmental information.

▪ **Climate Impacts on Agriculture** (ongoing)

Crop yield histories have been obtained for key crops such as Coconut, Vanilla and Banana's and analysis is being conducted.

Collaborations and Consultations

- National Agency for Civil Aviation and Meteorology, (ANACM)
- Institute National de Recherche pour l'Agriculture, le Pêche et l'Environnement (l'INRAPE)
- Institut National De Statistique, de Etudes Economiques et Démographiques (INSEED)
- Service Topographique (TOPO)
- Direction de l'Énergie et des Ressources en Eau (DERE)
- Universite de Comoros,
- [Hairu Engineering Consultancy](#) (HEC)

Directors:

Lareef Zubair
Rukshan Malewana

Members in Comoros:

A.A. Chamsoudine, A.M. Goulam,

Consultations in Comoros:

Mme Mariama Antoy Ben Bacar (INRAPE),
Monsieur Asnaoui Mohadji (INRAPE)
Monsieur Mahdy Youssouf (INSEED)
Monsieur Ahmed Djoumoi (INSEED)
Monsieur Ismail Oumouri (TOPO)
Dr. Ibrahim Mohamed (Universite)
Dr. Ibrahim Ahmed Kassim (DERE)
Dr. Said Hassane (Ministry of Education)

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