

# Foundation for Environment, Climate and Technology – Maldives

## Annual Progress Report - 2021

### ANNUAL REPORT CONTENTS

ANNUAL REPORT HIGHLIGHTS.....	1
PERSONNEL.....	2
MEETINGS AND CONFERENCES .....	2
PROJECTS.....	2
PROPOSALS .....	2
COLLABORATION.....	2
MEETINGS/DISCUSSIONS.....	2
OPERATIONAL SERVICES.....	2
WEBSITES .....	2
COMMUNICATION .....	2
INSTRUMENTATION.....	3
INSTITUTIONAL REPORTS.....	3
FINANCE .....	3
ACKNOWLEDGEMENTS.....	3

### CONTACT US

**Website:** [www.climate.mv](http://www.climate.mv) | [www.fect.mv](http://www.fect.mv)

**Email:** [fectmv@gmail.com](mailto:fectmv@gmail.com)

**Facebook:** [facebook.com/fectmv](https://facebook.com/fectmv)

**Twitter:** [@fectmv](https://twitter.com/fectmv)

**Address:** G. Fus, Hadheebee Magu, Male' 20098

**Phone:** +960 7530014 | +960 7788010 | +960 7627083 | +94-81-2300415



### ANNUAL REPORT HIGHLIGHTS

We had a challenging year in 2021 – a transitional year in our 14-year history given the limits of the prevailing pandemic travel restrictions. Projects have been completed, proposals have been developed and new directions were established.

We responded to the Climate Change Adaptation in Sri Lanka and Maldives RFI and RFP from USAID. Although, our proposal was not granted, the planning, partnerships and directions established shall provide a framework for our work going forward. We had subsequently applied for grants to the US National Academy of Sciences and the Commonwealth Fund.

Our climate bulletin for the Maldives was circulated monthly on time and widely. Instrumentation for weather, air quality and soil moisture were maintained as possible in Hulhule, Thinadhoo and Maathoda. We maintained our websites and disseminated real-time climate data.

We commenced work on a new website [www.fect.mv](http://www.fect.mv). We prepared an updated account of our work in the Maldives. Below, we summarize the events, programs, partnerships, personnel and outputs for the year.

## PERSONNEL

The President of FECT-Maldives and the Director of Renewable Energy – Maldives Ms. Hudha Ahmed, The Vice President Dr. Lareef Zubair, Secretary Ms. Aishath Afaaf and the Treasurer Dr. Mizna Mohamed contributed to our work. Four staff members contributed in the operational work undertaken by FECT-Maldives during the year 2021. Our collaborators Dr. Shazla Mohamed (Dean, Maldives National University - MNU), Mr. Shifaz Mohamed (Principal at the G. Dh. Atoll Education Center), Mr. Shameem Adam (Head of the MNU Thinadhoo Campus) and Mohamed Aslam (Director – LaMer), made critical contributions this year.

## MEETINGS AND CONFERENCES

Meetings and conferences proceeded through online remote means due to the existing endangerment of COVID epidemic. A meeting was held with the participation of the president and vice-president of FECT, along with other FECT staff members in Colombo in person.

Remote discussions were held on following days regarding our upcoming work in FECT. In addition, Prof. Joaquim Goes organized two meetings to talk over upcoming events of FECT.

- 19<sup>th</sup> December 2020
- 22<sup>nd</sup> December 2020
- 19<sup>th</sup> February 2021

## PROJECTS

We completed the project on STEM Education and Capacity Building in Southern Maldives, sponsored by PEER program of the National Academy of Sciences in collaboration with USAID.

## PROPOSALS

We submitted and contributed to the following proposals:

- Proposal submitted on Climate Change Adaptation for Sri Lanka and Maldives, Columbia University. March 2021.
- Empowering communities in the Maldives with information to support improved local governance for climate resilience, Foundation for Environment, Climate & Technology Maldives, November 2021.
- The Pre-proposal, Characterizing and Mitigating COVID Impacts on STEM Education and Fisheries Operations in Remote, Far-Flung and Low Lying

Islands in the Maldives, Maldives National University, October 2021.

## COLLABORATION

We had productive collaborations with Maldives National University, Renewable Energy Maldives, Gaafu Dhaalu Atoll Education Centre, Land and Marine Environment (LaMER).

## MEETINGS/DISCUSSIONS

- A meeting was held with the participation of the President and the Vice President of FECT along with Nipuni Alahakoon in Colombo.

### External Meetings

- Several meetings were held for the Climate Change Adaptation programme.
- FECT staff involved with work in the Maldives participated and presented at online conferences in Sri Lanka, India and USA.

## OPERATIONAL SERVICES

### Monthly Climate Bulletin

We have been undertaking an operational monthly climate bulletin, since 2011. Twelve issues on climate and air pollution were released via email and social media and on our blogs at <http://fectmv.blogspot.com/>.

We maintained operational climate services in collaboration with the Maldivian Meteorological Services - generating content, disseminating regularly, responding to queries and enabling researchers both within and without were taken place.

Our website gave a running update on the current seasonal climate conditions. Data were being continuously obtained through our instruments and assimilated for climate analysis through the data library.

## WEBSITES

**Websites:** <http://www.tropicalclimate.org/maldives/> & [www.climate.mv](http://www.climate.mv)

Our website to promote STEM Education was active (<http://stem.climate.mv> ). A new website of <http://www.fect.mv> is in development.

## COMMUNICATION

### Social Media and Outreach

Following provides the number of postings and mailings shared on Facebook and Twitter and by Mailer.

<i>Social Media &amp; Mailing list</i>	<i>Followers / Subscribers</i>	<i>No of postings/ Reports</i>
Facebook	373	30
Twitter	80	155
Mailchimp	133	98

Subscriptions for Maldives is available at <http://www.climate.lk/subscribe.html>

- **Blogs:** <http://fectsl.blogspot.com> and [fectmv.blogspot.com](http://fectmv.blogspot.com) are being regularly updated. <https://maldivesclimate.wordpress.com>
- **Twitter:** <https://twitter.com/fectmv>
- **Facebook:** <http://facebook.com/fectmv>
- **Mailing List:** Subscription: <http://www.climate.lk/subscribe.html>  
Alternative short link: <http://eepurl.com/bPkohP>

## INSTRUMENTATION

### Weather Instruments

We operated two automated weather stations (AWS) at Maathoda Island in Huvadhoo Atoll and Thinadhoo School and made data available online. Weather data at our offices are taken every half an hour and uploaded automatically to the Internet for public access. Link: <https://www.climate.mv/weather/>

### Soil Moisture Instruments

The Solar power automated Soil moisture instrument was maintained at the Observatory of the Maldivian Meteorological Service in Hulhule, Maldives.

## INSTITUTIONAL REPORTS

We were able to issue our Annual Progress Report 2020 and prepared the institutional brochures on Foundation for Environment, Climate and Technology – Maldives.

- A report on STEM Education and Capacity Building in Southern Maldives Islands.
- A Website Flyer on STEM Education and Capacity Building in Southern Maldives Islands.

## FINANCE

We have completed the financial report for 2018 and 2019. Work on the 2020 and 2021 reports are ongoing.

## ACKNOWLEDGEMENTS

We are thankful to the officers and staff of FECT-Maldives for their commitment and collaboration.

The support provided by our collaborators, Dr. Shazla Mohamed (Dean/Science Faculty, MNU), Mr. Shifaz Mohamed (Principal at the G. Dh. Atoll Education Center, G. Dh. Thinadhoo, Maldives) and Mr. Shameem Adam (Head of the MNU Thinadhoo Campus) and Minister Mohamed Aslam (Director – LaMer), was critical this year.

We appreciate the assistance provided by Mr. Abdullah Wahid (Director General, Maldives Meteorological Service - MMS), Mr. Muaz (Engineer) of MMS.

We appreciate the assistance provided by Ms. Fathmath Shaadiya (MNU lecturer), Dr. Shiham Adam (IPNLF), Dr. Abdullah Naseer (Ministry of Environment) and Mr. Nishan Ahmed (Ministry of Health).