

	<b>United Nations Development Programme</b> <b>Pacific Office</b>	<b>BACK TO OFFICE REPORT (BTOR)</b>
		Submitted by: Navin Bhan Title: Associate Project Manager Date Submitted: December 9, 2019 TA Serial Number:
1. Practice Area: RESPAC Project, Pacific Office 2. Service Line(s): Climate Early Warning, Disaster Preparedness and Recovery		
3. Mission Period (incl. of travel days):		
From: 6 October 2019 To: 16 October 2019		
4. Type of Service/Mission  <input type="checkbox"/> Advocacy <input type="checkbox"/> Analysis <input type="checkbox"/> Policy Advice <input type="checkbox"/> Programme / Technical Backstopping <input type="checkbox"/> Resource Person <input checked="" type="checkbox"/> Regional Technical Consultations <input checked="" type="checkbox"/> Training / Capacity Development <input type="checkbox"/> Others (specify):	5. Client(s) Fiji Meteorological Services 15 NMHS and NDMO in the Pacific Area IV region	
6. Purpose of Mission: Participation in the joint UNDP RESPAC- WMO CREWS Impact Based Forecasting Workshop	7. Documents, Materials, Resources from Mission - IBFWS Agenda	
8. Mission Member(s) (include consultants if any) Navin Bhan – Associate Project Manager - RESPAC	9. Cost (for RCC staff only) Air ticket = USD1,100 DSA and Terminals = USD2,300	
10. Brief Summary of the Mission:		
10A. Findings		
<b><u>Climate Learning for Resilience Technical Training (October 7 – 11, 2019)</u></b>		
<ul style="list-style-type: none"> <li>- The United Kingdom (UK) Meteorological Office organized a regional training: Climate Learning for Resilience Technical Training for NMHS (CLEAR) from October 7 – 11, 2019 at the Fiji Met (FMS) Office. An invitation was extended for the RESPAC Associate Project Manager (APM) to attend this training. It was also deemed a good opportunity to discuss potential linkages with the UK Met Programme for the Pacific. The training agenda is attached as per Annex 1.</li> <li>- The intention of the workshop was to look at downscaling techniques however the delivery of the workshop was in very basic form. As a result, participation in the workshop was not in par with the initial expectations.</li> <li>- In terms of further collaboration, UK Met Office is discussing with their counterparts at the Bureau of Meteorology in Australia. Hence collaboration with RESPAC will be challenging and at this point, there are very minimal expectations that it will eventuate.</li> </ul>		
<b><u>Climate Database for the Environment (CLiDE) Training (October 14 – 18)</u></b>		
<ul style="list-style-type: none"> <li>- UNDP at the request of the Vanuatu Meteorological and Geohazards Division (VMGD) collaborated with the Fiji Meteorological Services to organize a one-week long training on CLiDE. The intention and focus of the training was the VMGD Climate Database Manager. However, as the Solomon Islands Director of Meteorology and Scientific Researcher were also present, it was decided that they would attend the first day of the CLiDE training as well.</li> <li>- Overall the discussions on the CLiDE were quite useful and generally pointed out to a key lack of skills and expertise in entering data, quality checking and verification and finally archival and analysis. FMS is at the forefront of using CLiDE and has committed to assisting its sister NMHS to improve record keeping and data analysis.</li> </ul>		

- Since the Vanuatu Climate Manager could not access his CLiDE over the internet, most of the training was theoretical. It was further proposed that the FMS Climate Data Manager be seconded to the VMGD to carry out a real time assessment of its CLiDE competencies. This training will be useful before the year end.

**10B. Results Achieved (concrete outputs)**

- In terms of downscaling and advanced forecasting techniques, it was deemed that the one-week training with minimal technical equipment was not enough. Similarly, with CLiDE, having access through Virtual Private Network (VPN) enables participants to work on real time data sets. The most positive result was the peer to peer learning partnership established by VMGD and FMS. It is expected that other countries will join this initiative and skills building exercise.

**10C. Expected Outcome(s) and Impacting and in actual**

As mentioned above, future dedicated and technically are focused training required to ensure that participants are learning the advanced modeling techniques and also getting to use the applications post training and real-life situations

**11. Key counterpart (s) and persons you met in each location and their contact details:**

Name:

**UK CREWS**

Dr. Laura Bergan, UK Met O

**Solomon Islands Meteorological Services**

Mr. David Hiba – Director

Mr. Alick Harihiru – Researcher/Scientis

**Fii Meteorological Services**

Mr Atish Kumar, Climate Database Manager.'

**Vanuatu Meteorological and GeoHazards Division**

Mr. Allan Rarai, Head of Climate Division

Mr. Kalo Abel, Climate Database Manager

**Contact Information:**

**12. Follow-up Action Matrix**

**12.1 Disaster Resilience for Pacific SIDs (RESPAC)**

Actions to be taken	By Whom	Expected Completion Date
Organize Atish’s attachment with VMGD	Navin Bhan	1 December 2019

**13. Distribution List (BTOR sent to): Internal Clients: - RESD Group Email, MET Directors**