**United Nations Development Programme**  
**UNDP Sub-Office, Honiara**  
**Solomon Islands**

<table>
<thead>
<tr>
<th>Back to Office Report (BTOR)</th>
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<td><strong>Submitted by:</strong> Jacob Zikuli</td>
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<td><strong>Title:</strong> Project Manager</td>
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<tr>
<td><strong>Date Submitted:</strong> 14/11/11</td>
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<td><strong>TA Serial Number:</strong></td>
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1. **Practice Area:** Sustainable Environmental Management
2. **Service Line(s):** Community capacity development to adapt to environmental changes and demands on natural resources

### 3. Mission Period (incl. of travel days):
- **From:** 5th/12/2011
- **To:** 13th/12/2011

### 4. Type of Service/Mission
- [ ] Advocacy
- [ ] Analysis
- [ ] Policy Advice
- [ ] Programme / Technical Backstopping
- [ ] Resource Person
- [ ] Regional Technical Consultations
- [x] Training / Capacity Development
- [ ] Others (specify): Site assessment and verification

### 5. Client(s)
- Isabel - Kia
  - James Kamaliqe (Head Chief and Landowner - Kia)
  - Lina Kamaliqe
  - Barbra Rotu
  - Rosana Satua
  - Luke Masura
  - Titus Vuru
  - Fred Rotu
  - Michael Mauriasi
  - Cherry Tanito Vajua - Coordinator
  - Victor Toa - Conservation Officer
  - Lynold Madada - Conservation Officer
  - Wagina Community
  - Tobire Peter - Hon Wagina (ward 1)
  - Tetoise Amon - Principal Wagina CHS
  - Chris Qalo - Senior Teacher Wagina CHS
  - Mary Noqe - Wagina Community Rep
  - Ann Tetoise Mrs
  - Meresi Lazarus - Assistant Nurse Wagina
  - Michael Kafaniro - Senior Nurse Wagina
  - (Siruka Camp / community-Sumitomo Mining Site)
  - Abed Joi - Senior Mine engineer
  - Margaret K - Environment officer
  - Elolo Belshazzar – Community Rep
  - Sogamutu Junior – Community Rep

**Total Clients- (Female 7) (Male 17)**

### 6. Purpose of Mission:
- to assess and verify sites for the installation of automatic rain gauge equipments to support the implementation of AF SWoCK project community base adaptation activities.
- to observe and ensure AWS equipment installed at Sumitomo mining camp (Siruka) comply with WMO standard
- to discuss possibility of linking Sumitomo weather data with Government (MET) weather system

### 7. Documents, Materials, Resources from Mission
- 1. Temporary Rain gauge equipment.

### 8. Mission Member(s) (include consultants if any)
- Mr. Jacob Zikuli, Project Manager
- Mr. Allen Wale, Principal MET Officer
9. Brief Summary of the Mission:

9A. Findings

The Principal MET Officer and the SWoCK project Manager have conducted a site assessment trip to additional target sites of Choiseul and Isabel province for Automatic Weather Station equipment installations. Discussions and consultations were held with leaders, school principal, chiefs and community representatives, on the proposed establishment of the Automatic Rain gauge, sites and safety of the equipment once installed. The two person team also had the opportunity to visit Sumitomo Mining camp at Siruka, Northwest Choiseul and held discussions with the mine engineer, the environment and monitoring officer and community representatives on the already installed AWS equipment in the site. The discussion and consultations during the visit involved several women and men. The discussion provide opportunity for Senior Met Officer, the Project Manager and those consulted to identify issues that may impact on the establishment of the weather equipment and the benefit that may derive from establishing such facilities. The visit also provides and understanding of the sites, what has been installed, the status of sites, safety issues regarding installation of the equipment. Other issues noted during the consultation are land rental and remuneration for those who will be responsible in reading the temporary data daily. Following were some findings during the consultation and discussion.

- Locations identified for the installations of AWS / Rain Gauge facilities during the trip are within areas where certain infrastructures have been established. For Kia and Wagina the location is next to the Telekom facilities. For Siruka Camp and Arnavon, the locations are within companies' development areas.
- Land status within the areas are secured under the current development activities agreement between land owner and companies. Establishment of AWS equipment within the areas may benefit from current land lease agreement.
- Most areas identified have been allocated for development activities
- Safety of equipment if installed within the identified sites can be guaranteed through arrangement with current companies management and community leaders.
- Siruka Mining companies have installed 3 MET (AWS) station. One near coastal area and two inland near drilling sites. 2 river monitoring stations have also been established. 3 types of assessments were conducted on a monthly basis. River assessment, whether assessment and sediment assessment. The AWS equipment have 4 sensors installed underground for soil temperature monitoring. Data collected were stored, which can also be obtain by SIMS if needed.
- arrangement were made with following people to conduct daily data recording of the temporary manual rain gauge currently being installed. (Kia - Telekom operator, Wagina- Senior CHS teacher (Mr. Chris Qalo), Arnavon- Arnavon Coordinator (Mr. Cherry Tanito).
- Question was raised by Wagina community high school principal whether rental will be provided for land where equipment will be installed.
- Proper coordination is required with contact person on ways to obtain monthly data from current temporary installed rain gauge.
- The Manual Rain gauges were installed and instructions on how to read and input data manually was provided to the contact people.
- Like other areas been reached a concept note and proposal for the establishment of the ARG will have to be submitted to contact persons for reference to SIMS /SWoCK AWS installation plans.
- The visit also find out that Wagina community has serious health issues NCD such as malnourished, due to unavailability of quality food, population increase, lack of adequate information on alternative livelihoods and sustainable agriculture activities. Communities engage mostly in commercial activities to support their livelihood needs. such engagement has increased the level of poverty among family members. It was recommended that Wagina to be one SWoCK project pilot target community.

9B. Results Achieved (concrete outputs)

1. Communities were well aware of the purpose of the trip and looked forward for the proposed planned activities.
2. there is general support on the proposed SIMS plan for installation of AWS/MET equipment in target areas.
3. An initial awareness and community contact for the SWoCK project was established.
4. Site for ARG construction was identified.
5. Temporary Rain gauges were installed within the identified sites (Kia, Arnavon, and Wagina). Siruka camp AWS/MET equipment observed except for two inland.
6. Possibility to use and extract MET data from Siruka possible. Will required SIMS to pursue with Sumitomo mining camp manager
7. Contact people for daily data reading and to liaise with SIMS identified. Need to coordinate and follow up their work. (see below for their contact details).
8. A follow up visit need to be conducted at the end of the month to monitor progress and success on the use of the
9C. Expected Outcome(s) and Impact
1. Gain an understanding of the geographical features of the site identified for the Automatic Rain Gauge equipment installment.
2. Gain knowledge and understanding of the land issues in the target identified site.
3. Establish an initial working relationship with communities and church leaders on the proposed project.
4. Gain knowledge of established AWS/MET equipment at Siruka (Sumitomo Mining Site).
5. Gain an understanding of the vulnerable communities that need to participate in the SWoCK project pilot activities.

10. Key counterpart(s) and persons you met in each location and their contact details:
Name:
See above names under section five (5) on list of people met.
Contact Information:
Kia Village – Michael Mauriasi
Arnavon Island – Cherry Tanito Vajua (Arnavon Island Conservation coordinator)
Wagina – Amon Tetoise Headmaster Ph:7439231
- Chris Qalo Ph: 74822
Siruka Camp- Margaret K (Environment Officer)
- Abed Joi (Mine engineer)

11. Follow-up Action Matrix
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<th>Actions to be taken</th>
<th>By Whom</th>
<th>Expected Completion Date</th>
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<td>Trips to monitor and get feedback from contact people on the progress of Rain gauge reading</td>
<td>AF project team and partners</td>
<td>Early January 2012</td>
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<tr>
<td>AF SWoCK project concept and proposal on the establishment of Automatic weather station in the identified land to be prepared and submitted to communities reached.</td>
<td>Project Director AF and Team</td>
<td>Early January 2012</td>
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12. Distribution List (BTOR sent to):
Programme Team Leader, Yoko, PS

13. Attachment
1: Photos of several activities conducted during the trip
Snap Shots of Isabel - Choiseul AWS Site assessment trip

Principal MET Officer (Wale. Allen) preparing Temporary rain gauge equipment Installation

Principal MET Officer Demonstrate to the contact person, Mr. Tetoise Amon how to read and record the Data.

Principal MET Officer and SWoCK project manager had meeting with the Mines Engineer, Sumitomo Mining Camp - Siruka

Environment Officer Sumitomo, Explain the Evaporation panel to the MET Officer

The AWS machine installed at Siruka Mining Camp

Sea Weed Farming becomes major part of Wagina Women roles and daily engagement.