

문서번호 APCC-출장-16-0610(2016-06-15)

TRAVEL REPORT FORM

출장보고서

결 재	사원	부서장	원장	
	06/15 김보라	06/15 문상원	06/15 정홍상	
협 조				

I. Reporter 보고자

Department 소속	Position 직위(직급)	Name 성명	Travel Date 날짜	Note 비고
Climate Prediction	Research Fellow	WonMoo Kim	6/6~10/6	
External Affairs	International Project Manager	Bo Ra Kim	6/6~10/6	

II. Major Activities 주요업무 수행내용

1. Main Contents and Activities 주요내용 및 활동

- Attend the Regional Consultative workshop on El Nino in Asia-Pacific on 07-09 June 2016 (Tue - Thu)
- Explore the opportunity to jointly support countries to enhance their Early Warning/Early Action to extreme weather events with the United Nations Development Programme (UNDP)
- Active networking to increase APCC network and strengthen already existing network

2. Relevance to APEC Climate Center's Activities 결론 및 소감

- Ms. Bo Ra Kim delivered a presentation introducing APCC and our MME/El Nino services and products
- Heard about UNDP's new project in the Pacific Islands focused on developing early warning systems
- Identified potential collaboration opportunities with UNDP and United Nations Economic Social Commission for Asia and the Pacific (UNESCAP)

III. References 참고사항

(with attachment of any information or report in case of attendance of conferences, workshops and meetings) 학술대회, 워크숍, 회의 등 참석 시 관련 정보 및 문서 첨부

1. Presented and Collected Materials 주요 수집자료

Attachment1_Travel Report
Attachment2_Agenda
Attachment3_20160607_IntroAPCC
Attachment4_Contacts
Attachment5_Participant List

2. Suggestions and Remarks 건의사항

UNDP Regional Consultative Workshop on El Niño in Asia-Pacific

Travel Report Document

15 June 2016

Travel Summary

I. Name and Position of Traveler(s):

WonMoo Kim (Research Fellow, Climate Prediction Team)

Bo Ra Kim (International Project Manager, External Affairs Department)

II. Travel Dates: 06 – 10 June 2016

III. Destination: Bangkok, Thailand

IV. Purpose of Travel:

- i. Attend the Regional Consultative Workshop on El Niño in Asia-Pacific on 07 – 09 June 2016 (Tue – Thu)
- ii. Explore the opportunity to jointly support countries to enhance their Early Warning/Early Action to extreme weather events with United Nations Development Programme (UNDP)
- iii. Active networking to increase APCC network and strengthen already existing network

V. Major Outcomes:

- i. Ms. Bo Ra Kim delivered a presentation introducing APCC and our MME/El Niño services & products
- ii. Heard about UNDP's new project in the Pacific Islands focused on developing early warning systems
- iii. Identified potential collaboration opportunities with UNDP and United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)

Meeting Outcomes

****Major outcomes in blue**

The purpose of the UNDP Regional Consultative Workshop on El Niño in Asia-Pacific was to formulate a “regional standardized methodology for assessing economic impacts of slow-onset disasters; with a particular focus on addressing impacts from disasters that are transboundary in nature”. [The workshop agenda is attached as Attachment 2 and the participant list is attached as Attachment 5]

Re: APCC Introduction

Dr. WonMoo Kim and Ms. Bo Ra Kim met Dr. Govindarajalu Srinivasan, Chief Scientist, Climate Applications at the Regional Integrated Multi-Hazard Early Warning System (RIMES) on Day 1 of the Workshop (7 June 2016). Dr. Srinivasan asked APCC to present and give an introduction to APCC and talk about our research, services, and tools. Ms. Kim delivered this 10 minute presentation on Day 2 of the Workshop (8 June 2016). [Presentation file is attached as Attachment 3]

Re: Potential Collaborations with UNDP

Ms. Kim had an informal conversation with Rajesh Sharma, Programme Specialist in the Disaster Risk Information and Application Bureau for Policy and Programme Support at UNDP during Day 1 of the workshop regarding potential collaborations. Ms. Kim highlighted APCC's current international projects as well as capacity building programs. Dr. Sharma mentioned that UNDP is just starting a Pacific Islands project focused on developing and building early warning systems. UNDP is currently in the project formation phase and will want to talk to APCC about a future role in this project once the project plan is finalized. [Dr. Rajesh Sharma's contact information is attached in Attachment 4]

Ms. Kim and Dr. Kim had a lunch meeting with Dr. Sharma and Dr. Jegillos on Day 2 of the workshop. There were discussions regarding UNDP's new Pacific Islands project, during which UNDP confirmed that they will contact APCC once the project is fully developed. UNDP also proposed two other methods to explore further collaboration options:

1. RIMES is currently unable to deliver all the services needed by national meteorological services, national disaster management organizations, etc. So UNDP would like APCC to have conversations with RIMES (specifically Dr. Srinivasan) to see what work RIMES is currently doing with UNDP and identify what aspects of the missing services APCC can fill. UNDP suggested perhaps capacity development.
2. UNDP is interested in forming an interdisciplinary group to study past El Niño events and create a lessons learned document studying the vulnerability aspect of what can be done in potential future extreme events with UNDP, UNESCAP, RIMES, and APCC. Climate change is amplifying the risks of El Niño and UNDP believes that this type of lessons learned document will help country programs with decision making in future El Niño events. UNDP envisions the output of this interdisciplinary group study to be a policy brief. However, they are open to the idea of a joint publication if it is necessary for APCC to get our partnership in this endeavor.

Re: Potential Collaborations with RIMES

Through conversations with Dr. Srinivasan (RIMES) after the presentation, APCC was told that they will be invited to SASCOF in Myanmar, which is being co-hosted by RIMES and WMO this year. Dr. Srinivasan also mentioned that RIMES does country-based work to increase their capacities and also to connect them to various sectors (through application of prediction information). Through conversations, it was concluded that due to the similar goals of our two organizations and yet with two unique skill sets, it may be productive to explore options for collaborations. [Dr. Srinivasan is interested in continuing conversations regarding potential future collaborations with APCC.](#)

Per our conversations with UNDP, APCC will need to follow up with Dr. Srinivasan to chat about the work being done by RIMES and UNDP, and then identify a niche that APCC could fill.

Re: Potential Collaborations with UNESCAP

Dr. Sanjay Srivastavas, Disaster Risk Reduction Section Chief, UN Economic and Social Commission for Asia and the Pacific (UNESCAP), arranged a meeting with Dr. Kim, Ms. Kim, Dr. Sung Eun Kim, Associate Economic Affairs Officer, UNESCAP, and himself on Day 3 of the workshop. During this meeting, we discussed the ROK-PI CLIPS project, ROK-ASEAN project, and potential collaborations in the Pacific Islands. [UNESCAP is interested in beginning a project in the Pacific Islands after the completion of our ROK-PI CLIPS project. They would also like this new project to build on the outputs of the ROK-PI CLIPS project and involve more of the end-users so that the end-users may use the CLIK-P system directly rather than going through the meteorological services.](#) This new project may be done through their already established Monsoon Forum, which is a platform for enhanced application of forecast application and provides opportunities for regular dialogue between meteorology services and its stakeholder institutions. [They also mentioned the possibility of working together in the ASEAN region.](#)

[Dr. Srivastavas also would like APCC to attend a workshop they are hosting in Fiji in July focused on resilient agriculture and how to adapt to climate variability. They would like APCC to present on the climate downscaling products that we are developing for the Pacific Island region during this workshop.](#)

Re: Other Outcomes

[Made numerous new contacts with participants of the conference from varying organizations such as UNDP, UNESCAP, RIMES, World Vision, UNICEF etc. See Attachment 4 for all collected](#)

business cards. UNICEF is interested in APCC's health sector application work and would like to explore if our work in this sector can help with their work, which is focused on children.

Action Items & Next Steps

- I. Send Dr. Sanny Jegillos and Dr. Rajesh Sharma (UNDP) a thank you email with potential next steps for continued conversations around potential collaborations (specifically mentioning the Pacific Islands project) with the pdf of the new APCC flyer on projects attached to the email
- II. Send Dr. Srinivasan (RIMES) a thank you email with potential next steps for continued conversations around potential collaborations between APCC and RIMES as well as an information gathering meeting to discuss RIMES' work with UNDP
- III. Send Dr. Srivastavas and Dr. Sang Eun Kim (UNESCAP) a thank you email with the pdf of the new APCC flyer on projects attached to the email
- IV. Send new contacts APCC introduction email seeking general collaborations [Attachment 4]

Meeting Venue Photos



Regional Consultative Workshop on El Niño in Asia-Pacific

7-9 June 2016 Bangkok, Thailand

Day 1: Tuesday, 7 June 2016

08.30-9.00	Registration
09.00-9.30	Opening session & Introduction (MC- TBC) - Opening remarks by Dr. Shamika Sirimanne, Director, Information and Communications Technology and Disaster Risk Reduction Division (IDD) - Opening remarks by UNDP- Sanny Jegillos, Senior Advisor, Bangkok Regional Hub
9.30-10.00	Group photo and tea break
10.00-10.30	Setting the context for El Nino - Scientific context (RIMES) (10 minutes) - Humanitarian context (OCHA) (10 minutes) - Socio-economic context (RIMES) (10 minutes)
10.30-12.00	Response to slow onset disasters Sector specific moderated group discussions - Meteorology - NDMO/Planning - Local government - Agriculture and rural development - UN and other agencies
12.00-13.00	Lunch
13.00-13.30	Response to slow onset disasters Participants from each country prepare short country perspective on response to slow onset disasters (impact, challenges, response, support required)
13.30-14.30	Response to slow onset disasters Peer-to-peer learning: Country specific moderated group discussions
14.30-15.00	Country presentations on examples of good practices in data assessment, monitoring and reporting - PNG (10 minutes) - Viet Nam (10 minutes) - Sri Lanka (10 minutes)
15.00-15.15	Tea break
15.15-16.30	Presentation by Pulse lab Jakarta and UNDP on data management in the context of El Nino
16.30- 1700	Presenting outcomes from Day 1 discussions

Day 2: Wednesday, 8 June 2016

08.30-09.15	Understanding climate variability <i>Resource person from RIMES</i>
09.15-09.45	Overview on the step-wise assessment of El Niño-associated risks <i>Resource person from RIMES to provide background on the methodology (process of formulation and general introduction with purpose/objectives of the methodology)</i> <i>Group Discussion on the existing methods of assessing El Niño-associated risks</i>
09.45-10.15	Step 1. Review of existing global El Niño forecasts - Survey of global climate forecasts <i>Resource person from RIMES</i>
10.15-10.45	Step 2. El Niño characterization - Identification of analogues based on forecasts <i>Resource person from RIMES</i>
10.45-11.00	Tea break
11.00-11.30	Step 3. Assessment of changes in probability of extremes in Asia-Pacific region <i>Resource person from RIMES</i>
11.30-12.00	Step 4. Assessment of likelihood of extreme events in respect of seasons and regions within the country <i>Resource person from RIMES</i>
12.00-13.00	Lunch break
13.00-13.30	<i>Group Exercise on Step 1-4</i>
13.30-15.00	Step 5. Assessment of biophysical impacts <i>Resource person from RIMES</i> 5.1 Agriculture systems 5.2 Water resources sector 5.3 Ecosystem services 5.4 Infrastructure 5.5 Public health <i>Group Exercise on Step 5</i>
15.00-15.15	Tea break
15.15-16.00	Step 6. Assessment of socioeconomic impacts <i>Resource person from RIMES</i> <i>Group Exercise on Step 6</i>

Day 3: Thursday, 9 June 2016

08.30-09.00	Step 7. Assessment of likelihood of extended impacts vis-à-vis livelihood recovery using new technologies for slow-onset disasters <i>Resource person from RIMES and ESCAP</i> <i>Group Exercise on Step 7</i>
09.00-10.00	Step 8. Communicating risks <i>Resource person from RIMES and UNDP</i>
10.00-11.00	Recovery and Risk reduction ○ Policies aspects : ESCAP (10 mins.) ○ Institutions, Programmatic Aspects, UNDP (10 mins.) ○ Participants discuss in groups what are the recovery and risk reduction strategies they feel are required in response to El Niño impact (15 mins.)
11.00-11.15	Tea break
11.15-12.00	Group exercise on methodology <i>Resource person from RIMES</i>
12.00-13.00	Lunch break
13.00-14.30	Group exercise on methodology (continues) <i>Resource person from RIMES</i>
14.30-15.00	Consultation meeting to get feedback on the assessment methodology 30 minutes
15.00-15.15	Tea break
15.15-16.00	Wrap-up and way forward ○ Participant feedback ○ Follow-up actions <i>Resource persons from UNDP, ESCAP and RIMES</i>