

## Report of the WMO RA V Working Group on Climate Services

WMO Regional Association V (South-  
west Pacific

Erwin Makmur

### RA V Working Group on Climate Services

- The meeting of the Working Group on Climate Services for Regional Association V (RA V WG CLS) met 2-4 November 2011, hosted by the Solomon Meteorology Service at Honiara, Solomon Islands
- **The Meeting of the RA V Working Group on Climate Services –held in conjunction with the *RA V Regional Seminar on Climate Services***
- The meeting was chaired by Erwin Makmur, working Group Chair, assisted by Mr. Peer Hechler, WMO Secretariat

## RA V Working Group on Climate Services

- In its deliberations, the Meeting referred to the presentations, discussions and outcomes of the *RA V Regional Seminar on Climate Services*.
- The Working Group reviewed its Terms of Reference, its working structure and its work plan as reflected in Annex VI of the *Final Report of the 6<sup>th</sup> RA V Management Group Meeting* (cf. <http://www.wmo.int/pages/prog/dra/rap/documents/FinalReport-RAVMG6.pdf>).
- The Group felt that strict prioritization is needed in light of the limited resources and time available in the current inter sessional period (2010-2014) and decided to focus on a small yet specific and tangible set of deliverables.

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## STRENGTHENING OF CLIMATE SERVICES IN RA V

### **Establishment of WMO Regional Climate Centre(s) in RA V**

- WMO RCCs are considered as an important element of the GFCS Climate Services Information System (CSIS), providing mandatory and highly-recommended regional-scale climate-related services to NMHSs and thereby strengthening the capacities of WMO Members to deliver better national climate services. WMO RCC functions comprise services in the domains of climate predictions and projections, climate monitoring, climate data, training, research co-ordination and user liaison.

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## **STRENGTHENING OF CLIMATE SERVICES IN RA V**

### **Implementation of Watch Systems in RA V**

- WMO's Climate Watch concept aims at enabling Members to issue climate advisories on observed and/or predicted monthly- to seasonal scale climate anomalies with potential negative impacts on societies. Elements of a Climate Watch system comprise, beside others, adequate observing and data management systems as well as climate monitoring and prediction services including regional guidance products from WMO RCCs and RCOFs.

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## **WORK PLAN, DELIVERABLES AND TIMELINES**

- Based on the discussions held during its meeting as well as during the RA V Regional Seminar, the Working Group concluded on five specific activities during the current inter-sessional period (2010-2014)

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## WORK PLAN, DELIVERABLES AND TIMELINES

Activity/Deliverable	Coordinator	Milestones	Reference to ToR of the RA V WG CLS*
1) Development of a document 'Best practices and resource guide for data management and data rescue'	Howard Diamond	Structure of document shared amongst WG members by 31 March 2012  1 <sup>st</sup> draft of document available by Dec. 2012	To provide advice on methods to strengthen and improve climate system monitoring, analyses and indices
2) Facilitation of a first Southeast Asian Climate Outlook Forum (SEACOF) in 2013	Erwin Makmur	Detailed concept note shared amongst WG members by 31 January 2012  Facilitation of host identification  Facilitation of SEACOF-1 session preparations  SEACOF-1 in second half 2012/first half 2013	To provide advice on and assist in the implementation of various climate information and prediction services in RA V ...  To provide advice on ... climate-related training workshops ...  To ... provide advice on the use of ... downscaling to produce useable regional and national climate forecasts and products
3) Facilitation of a RA V RClimDex training workshop including a report/peer-reviewed journal paper on RA V climate indices analyses	Chew Kian Hoe	Concept paper to be shared amongst WG members by April 2012  Facilitation of sponsor- and host identification  Facilitation of workshop preparations  Training workshop by end of 2013	To provide advice on methods to strengthen and improve climate system monitoring, analyses and indices  To provide advice on and assist in the implementation of various climate information and prediction services in RA V ...

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## WORK PLAN, DELIVERABLES AND TIMELINES

Activity/Deliverable	Coordinator	Milestones	Reference to ToR of the RA V WG CLS*
4) Assessment of current RCC-related functions being performed in RA V vis-à-vis the mandatory and highly-recommended RCC functions and subsequent gap analysis	James Renwick	Structure of survey shared within WG by 31 March 2012  1 <sup>st</sup> draft analysis document available by Dec. 2012	To provide advice on and assist in the implementation of various climate information and prediction services in RA V ...  To provide further advice and proposals on the role, structure and mechanism of the RCCs in the region  Res 2 (RA V-XV)
5) Development of a review document on the current use of climate information for agriculture in RA V	Andrew Tait	Structure of document shared amongst WG members by 31 March 2012  1 <sup>st</sup> draft of document available by Dec. 2012	To provide advice on and assist in the implementation of various climate information and prediction services in RA V ..., including agriculture ...

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## Progress Reports of WMO RA V WG on Climate Services

Activity/Deliverable	Coordinator	Progress until March 2013	Barriers
1) Development of a document 'Best practices and resource guide for data management and data rescue'	Howard Diamond (Theme Leader for Climate Data Management/Data Rescue, <a href="mailto:howard.diamond@noaa.gov">howard.diamond@noaa.gov</a> )	<ul style="list-style-type: none"> <li>- Document outlined completed in April 2012</li> <li>- In addition to the two experts from Tonga and Vanuatu, we have enlisted the help of some persons from both the Australian Bureau of Meteorology as well as the Indonesian BMKG, to assist in populating the outline and producing a first order version of the guide.</li> </ul>	<ul style="list-style-type: none"> <li>- The goal is to have a first draft of the document prepared by December 2012, but finding the resource time to do this is always a challenge.</li> <li>- The group will do its best to meet this deadline</li> </ul>
2) Facilitation of a first Southeast Asian Climate Outlook Forum (SEACOF) in 2012	Erwin Makmur (Chair of WG CLS, <a href="mailto:erwin.makmur@bmg.go.id">erwin.makmur@bmg.go.id</a> )	<p>Detailed concept note still on progress</p> <p>Communication among ASEAN member to hold 1<sup>st</sup> Meeting in 2013</p>	The membership of SEACOF will be involved countries from RA II. Group have to discuss with RA II how to finalize SEACOF Concept facilitated by WMO Secretariat

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Activity/Deliverable	Coordinator	Progress until March 2013	Barriers
3) Facilitation of a RA V RclimDex training workshop including a report/peer-reviewed journal paper on RA V climate indices analyses	Chew Kian Hoe (Theme Leader for Climate Change, <a href="mailto:Chew_kian_hoe@met.gov.sg">Chew_kian_hoe@met.gov.sg</a> )	<p>There was already a Rclimdex workshop for the Pacific islands in New Caledonia, sponsored by Australia, in May this year.</p> <p>Singapore will be hosting a Rclimdex discussion for SE Asia as well next week</p>	<p>Some of these recent and current Rclimdex studies have not included Indonesia, which is a big region.</p> <p>It is possible to pitch a Rclimdex workshop with focus on Indonesia, Malay Peninsula and close by Pacific islands PNG, East Timor and northern Australia.</p>

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### Progress Reports of WMO RA V WG on Climate Services

Activity/Deliverable	Coordinator	Progress until March 2013	Barriers
4) Assessment of current RCC-related functions being performed in RA V vis-à-vis the mandatory and highly-recommended RCC functions and subsequent gap analysis	James Renwick (Theme Leader for CLIPS including Regional Climate Centre, Regional Climate Outlook Forums and Climate Extreme Prediction, <a href="mailto:j.renwick@niwa.co.nz">j.renwick@niwa.co.nz</a> )	Drafted a questionnaire for RA-V members, on RCC functions. Circulated to members of RA-V management group in early 2012, and received feedback. In the process of revising draft for circulation to RA-V members.	Lack of time to devote to this task has slowed progress. Presently aim to have final draft questionnaire finished and circulated during July, with responses back by end of October.
5) Development of a review document on the current use of climate information for agriculture in RA V	Andrew Tait (Theme Leader for Use of Improved Tools for Operational Agro meteorology including Coping with Impact of natural Disaster on Agriculture, <a href="mailto:a.tait@niwa.co.nz">a.tait@niwa.co.nz</a> )	<ul style="list-style-type: none"> <li>• “Climate Services for Agriculture” questionnaire has already sent all RA V countries and waiting for response</li> <li>• Updating the for contact list</li> </ul>	Still miss contact people from RA V member

## PROPOSAL SEACOF MEETING

### BACKGROUND

- As the result of the meeting of the Working Group on Climate Services for Regional Association V (RA V WG CLS) met 2-4 November 2011, hosted by the Solomon Meteorology Service at Honiara, Solomon Islands
- One of the activities of WG of Climate Services "Facilitation of a first Southeast Asian Climate Outlook Forum (SEACOF) in 2013"

## General

- Date : end of 2013
- Duration : 3 days
- Venue : Indonesia (tentative)
- Participant :
  - Asean Countries (10 countries): 20 (2 person per country)
  - WMO Secretariat : 5
  - Expert : 5

## Draft Budget

- Participants
  - International ticket
  - Accommodation
  - Per diem
- Venue
- Meeting equipment
- Stationery
- Equipment rental costs
- Welcome party and farewell
- Entertainment
- Excursion
- Other expensses