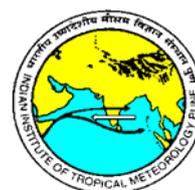




WORLD
METEOROLOGICAL
ORGANIZATION



RCC REVIEW 2018

WMO INTERNATIONAL WORKSHOP ON GLOBAL REVIEW OF REGIONAL CLIMATE CENTRE OPERATIONS

12-14 November 2018

Pune, India

PROVISIONAL AGENDA

Day 1: 12 November 2018 (Monday)		
08:30 – 09:00	REGISTRATION	
1. Opening session		
09:00 – 09:30	<ul style="list-style-type: none"> Welcome by Director, IITM (Dr R. Nanjundiah) Statement on behalf of the WMO Secretary-General (Dr R.K. Kolli) Remarks by Vice-President, WMO Commission for Climatology (Ms Barbara Tapia) Tour de table (All) Briefing on working/logistical arrangements during the workshop (IITM) 	
2. Setting the scene		
Chair: Ms Barbara Tapia (CCI VP) Rapporteur: Dr D.S. Pai (IMD)		
09:30 – 09:50	Global RCC Review: Background, objectives and goals including the Regional Approach to the Climate Services Information System (CSIS)	Dr R. Kolli (WMO)
09:50 – 10:00	Relevant CCI and EC decisions related to RCCs to be addressed	Ms A. Hovsepyan (WMO)
10:00 – 10:15	RCC operational practices: <i>Towards standardized and objective approaches</i>	Mr J.P. Céron (CCI MG)
10:15 – 10:30	WMO Global Data Processing and Forecasting System (GDPFS) and the RCCs	Dr Arun Kumar (CBS IPET-OPSL)
10:30 – 11:00	HEALTH BREAK & GROUP PHOTO	
3. Briefing of RCC operations around the world		
<i>Brief overview of activities of individual RCCs, particularly focusing on operational aspects (reflecting the survey responses, 15 min each)</i>		
Chair: Mr J.P. Céron (CCI MG) Rapporteur: Ms Sarah Diouf (NOAA)		
	RA I (Africa)	

11:00 – 11:15	▪ RCC Africa, hosted by ACMAD	Dr A. Kamga (ACMAD)
11:15 – 11:30	▪ RCC IGAD (ICPAC)	Mr Zachary Atheru (ICPAC)
11:30 – 11:45	▪ RCC-Network Northern Africa	Mr R. Sebbari (DMN, Morocco)
	RA II (Asia)	
11:45 – 12:00	▪ RCC Beijing	Mr Y.Sun (CMA)
12:00 – 12:15	▪ RCC Tokyo	Mr A. Shimpo (JMA)
12:15 – 12:30	▪ RCC Moscow	Ms V. Khan (NEACC)
12:30 – 12:45	▪ RCC Pune	Mr D.S. Pai (IMD)
12:45 – 14:15	LUNCH BREAK	
3. Briefing of RCC operations around the world (continued)		
Chair: Dr Chris Gordon (UK) Rapporteur: Mr Andre Kamga (ACMAD)		
	RA III (South America)	
14:15 – 14:30	▪ RCC Western South America hosted by CIIFEN	Mr J. Nieto (CIIFEN)
14:30 – 14:45	▪ RCC-Network Southeastern South America	Ms M. Skansi (SMN, Argentina)
	RA IV (Northern America, Central America and the Caribbean)	
14:45 – 15:00	▪ United States RCC (USRCC), <i>in demonstration phase</i>	Ms S. Diouf (NOAA)
15:00 – 15:15	▪ RCC Caribbean hosted by CIMH	A.Trotman (CIMH)
	RA V (South-west Pacific)	
15:15 – 15:30	▪ South East Asia RCC-Network , <i>in demonstration phase</i>	Mr R. Kang (MSS, Singapore)
15:30 – 16:00	HEALTH BREAK	
16:00 – 16:15	▪ Pacific RCC-Network, <i>in demonstration phase</i>	Mr A. Tait (NIWA, New Zealand)
	RA VI (Europe)	
16:15 – 16:30	▪ RA VI RCC-Network	Mr S. Rösner (DWD, Germany)
	RAII-RAIV-RAVI	
16:30 – 16:45	▪ Arctic RCC-Network	Dr H. Tangen (Norway)
	SWOT Analysis	
16:45 – 17:15	Summary of SWOT analysis from all RCCs	Ms V. Khan (CCI/CBS IPET-RCA)
17:15 – 17:30	<i>Open Discussion</i>	
17:30	CLOSURE OF DAY 1	

Day 2: 13 November 2018 (Tuesday)

4. Technical aspects of RCC Operations: Overview of Mandatory and Highly Recommended Functions and related aspects

Chair: Mr Akihiko Shimpo (CCI MG) Rapporteur: Ms Valentina Khan (NEACC)

09:00 – 09:20	Climate Data services	Mr A. Trotman (CIMH)
09:20 – 09:40	Climate Monitoring	Mr S. Rösner (DWD)
09:40 – 10:00	Long Range Forecasting	Dr D.S. Pai (IMD)
10:00 – 10:20	Training and Guidance	Dr A. Kamga (ACMAD)
10:20 – 10:30	Discussion	
10:30 – 11:00	HEALTH BREAK	
11:00 – 11:20	Perspectives on Highly Recommended Functions	Mr A. Tait (NIWA)
11:20 – 11:40	Global RCOF Review 2017 recommendations: strengthening role of RCCs in RCOFs – towards Regional Climate Forum (RCF) concept	Mr J.P. Céron (France)
11:40 – 12:00	Outcomes of the Second Operational Climate Prediction Workshop on RCCs: approaches to facilitate transition of research results into operational use	Dr Caio Coelho (CPTEC)
12:00 – 12:20	Identifying requirements and good practices for producing climate change projections on regional scales	Mr. R. Kang (CCRS)
12:20 – 12:30	Discussion	
12:30 – 14:00	LUNCH BREAK	

5. Breakout Sessions

In breakout session participants will discuss the current status, and potential innovative approaches and opportunities for each of the mandatory functions, as well as standardized operational practices for generating RCC products, including, *inter alia*, the development of objective sub-seasonal and seasonal regional forecasts, tailoring forecast products to specific user-requirements, and mechanisms for the provision of regular sub-seasonal updates for respective RCOF region.

A “*breakout groups rotation*” approach is proposed for this session, briefly explained as follows. A Moderator and a Rapporteur are assigned for each of the topics, as listed below. All other participants will randomly split in four break-out groups and will discuss one topic for 30 min. After that the groups will rotate and a new set of experts will discuss same topics with facilitation of the Moderator. This will continue until each of the groups discusses all the four topics. The list of members in each group for each 30-minute slot will be circulated in advance. This approach gives a possibility for each participant (except the moderators and rapporteurs) to contribute to each of the discussion topics.

14:00 – 14:10	Introduction to breakout discussion session	Dr R. Kolli (WMO)
14:10 – 15:30	Break-out group discussions on key topics (<i>Moderator/Rapporteur</i>): <ol style="list-style-type: none"> A. Regional climate data and monitoring: Potential new approaches, products, criteria (<i>A. Trotman/P. Hechler</i>) B. Regional climate predictions and projections: Potential new approaches, products, criteria (<i>J.P. Ceron/C. Coelho</i>) C. Interface mechanisms with NMHSs, and the role of RCCs in developing national capacities (<i>A. Tait/A. Sopaheluwakan</i>) D. Optimal utilization and regionalization of global climate information, and standardization of RCC practices/products (<i>D. Jones/S. Diouf</i>) 	

15:30 – 16:00	HEALTH BREAK	
16:00 – 17:00	Reporting back from break-out groups (15 min each)	<i>Moderator/ Rapporteur</i>
17:00 – 17:30	Summarizing the key conclusions and recommendations from breakout discussions	Lead: Dr C. Gordon (UK)
17:30	CLOSURE OF DAY 2	

Day 3: 14 November 2018 (Wednesday)

6. Mutual collaboration and partnership opportunities

Chair: Dr Arun Kumar (NOAA) Rapporteur: Ms Anahit Hovsepian (WMO)

09:00 – 09:15	RCCs interface with NMHSs: approaches to improving delivery and uptake of RCC products and services	Mr S. Rösner (DWD)
09:15 – 09:30	Opportunities for RCCs through recent and ongoing projects	Dr R. Kolli (WMO)
09:30 – 09:45	Copernicus Climate Change Service (C3S): partnership with RCCs (<i>Remote presentation</i>)	Dr J.N. Thépaut (C3S)
09:45 – 10:00	RCC product and service requirements for agrometeorological services	Dr K.K. Singh (IMD)
10:00 – 10:15	RCC product and service requirements for hydrological services	Dr N.K. Tuteja (BoM)
10:15 – 10:30	Role of Regional Associations in RCC implementation and operations	Ms B. Tapia (CCI)
10:30 – 11:00	HEALTH BREAK	

7. Enhancement of RCC Operations

Chair: Ms Valentina Khan (CCI IPET-RCA) Rapporteur: Mr Kok Chuan Kang (CCRS)

11:00 – 12:00	Open Discussion on Proposals for revision/updates of RCC functions, products and designation criteria	Lead: S. Rösner (DWD)
12:00 – 12:15	RCCs within the CSIS Technical Reference	P. Hechler (WMO)
12:15 – 12:30	Technical guidance on RCC operations: Current status and way forward	C. Gordon (UK)
12:30 – 14:00	LUNCH BREAK	

8. Conclusions and Recommendations

Chair: Mr Andrew Tait (NIWA) Rapporteur: Mr Peer Hechler (WMO)

14:00 – 15:00	Open Discussion: Synthesis of break-out group outcomes into recommendations for future development of RCCs	Moderated by Chair
15:00 – 15:30	Action Plan on the Way Forward for enhanced RCC operations	Moderated by Chair
15:30 – 16:00	HEALTH BREAK	
16:00 – 16:30	Review of conclusions and recommendations and follow-up actions	Mr P. Hechler (WMO)
16:30 – 17:00	Closing remarks	
17:00	END OF WORKSHOP	

