



# World Meteorological Organization

Working together in weather, climate and water

*NEACOF-5*

*29 October-1 November 2013*

*Moscow, Russian Federation*

A general overview  
of the regional mechanisms and procedures  
to address the needs of climate services

Regional Office for Europe  
Development and Regional Activities Department



## Summary of content:

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- RA II Decisions related to the RCOFs and RCCs
- RA VI Decisions related to the RCOFs and RCCs
- Expected follow up actions by Members
- Relationship or working procedures between the existing mechanisms
- RCCs and RCOFs, a component of GFCS.



## RA II Decisions related to RCCs and RCOFs (Excerpt from 15- RA II Report)

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4.3.17 The Association recognized the important role of RCCs in implementing the Climate Services Information System in RA II, and adopted Resolution 2 (RA II-15) – Implementation and operation of Regional Climate Centers. ([www.rccra2.org](http://www.rccra2.org))

The Association noted that RCCs will play an important role in the capacity development for GFCS. It thanked RCCs for their implementation of training activities so far, and encouraged them to continue and enhance such training activities.

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## RA II Decisions related to RCCs and RCOFs

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4.3.19 The Association noted the need for the establishment of RCCs and RCOFs in certain sub-regions having common climatic characteristics extending into neighboring RAs (such as polar regions encompassing many other RAs, etc.) and requested the president of RA II to engage with the presidents of the concerned RAs in facilitating the implementation of such RCCs and RCOFs.

4.3.20 The Association noted that a trial phase of the Global Seasonal Climate Update (GSCU) has commenced under the guidance of CCI and that the aim of such updates would be to assist the NMHSs as well as RCCs and RCOFs in the interpretation, characterization and assessments of the reliability of seasonal predictions.

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## RA II Decisions related to RCCs and RCOFs

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4.3.23 The Association urged its Members (both climate and sectoral communities) to support and to take part in user engagement through:

- regional and national Climate Outlook Forums,
  - user or sector-driven climate forums (e.g., hydrological-, agricultural- or health-focused forums),
  - interdisciplinary workshops and training, and
  - field activities including roving seminars, a notable success in climate services for agriculture sector.
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## RA II Decisions related to RCCs and RCOFs

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With Resolution 9 (RA II-15) The RA II, decided to establish the RA II Working Group on Climate Services with the two expert groups, which:

Will foster, promote and advise on the implementation of the GFCS, particularly its Climate Services Information System and User Interface Platform, in the Region, including through pilot projects;

Will assist and advise the president of RA II on all matters relevant to implementation and operation of Regional Climate Centres (RCCs) in the Region;

Will promote the use of Global Producing Centre and RCC products in national climate services;

Will promote best practices in and to advise on implementation of new Regional Climate Outlook Forums.

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## RA VI Decisions related to RCCs and RCOFs (Excerpt from 16- RA VI Report)

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4.3(2).10 The Association noted with satisfaction that, upon successful completion of its demonstration phase, the RA VI RCC-Network has been formally designated as a WMO RCC-Network. The Association urged Members to actively support the operational activities of the RA VI RCC Network, and showcase its value in contributing to the implementation of the GFCS in the Region.

The Association urged the president of RA VI to promote effective utilization and feedback by NMHSs of the products and services of the RA VI RCC-Network.

The Association adopted [Resolution 4.3\(2\)/1 on the WMO RA VI RCC-Network](#). ([www.rccra6.org](http://www.rccra6.org))

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## RA VI Decisions related to RCCs and RCOFs

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4.3(2).11 The Association noted with satisfaction that the RCOF operations have been sustained and expanded in the Region. The establishment of the North Eurasian Climate Outlook Forum (NEACOF) coordinated by the Russian Federation, covering countries both in RA VI and RA II was much appreciated.

The Association urged the relevant coordinating agencies to promote an increase in the participation of user sectors as well as sub-regional entities in RCOFs, providing a much broader ownership of the process. The Association urged RCOF stakeholders to seek efficiency through low-cost options offered by on-line collaboration and securing support from relevant users to ensure their sustainability.

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## RA VI Decisions related to RCCs and RCOFs

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- **RA VI MG**, re-established at the 16 session of RA VI (Resolution 5.3/1):
  - Will oversee, in collaboration with the Secretariat, the activities related to Regional Centres,
  - Will coordinate the activities of the Association and its subsidiary bodies related to the cross-cutting issues, such as the implementation of the GFCS, DRR and the capacity development, taking into account the needs of the Members, the existing resources and the capacity – development mechanisms,
  - Will address on a systematic basis the needs for the harmonisation of the capabilities for provision of meteorological, climatological and hydrological services between different sub-regions.
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## RA VI Decisions related to RCCs and RCOFs

- **RA VI WG/CH**, re-established at the 16 session of RA VI (Resolution 5.3/3):
    - Will provide overall guidance, assistance and support for the implementation of the GFCS in Region VI,
    - Will seek cooperation with relevant regional bodies and organisations on issues related to implementing user-oriented climate and hydrology services for key sectors, as well as DRR,
    - Will foster & promote best practices in establishing and implementing the GFCS at national level
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## RA VI Decisions related to RCCs and RCOFs

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- **RA VI WG/CH:**
  - Will promote enhanced utilization and broadening of WMO RCC Network products and services, particularly in support of national GFCS implementation, based on an updated analysis of user requirements and feedback on their effectiveness,
  - Will improve the link between the RCCs and RCOFs and will assist in sustaining and strengthening the RCOF mechanism in RA VI, including the cooperation with other WMO regions in the Mediterranean and in Asia and in Polar areas,
  - Will promote and guide the implementation of the RA VI Climate Watch System at regional, sub-regional and national level.
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## RA VI Decisions related to RCCs and RCOFs

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4.3(2).12 The Association noted with appreciation that a new Mediterranean Climate Outlook Forum (MedCOF) had been established to generate consensus seasonal forecasts for the Mediterranean region and northern African region. Covering two existing sub-regional climate outlook forums in South East Europe (SEECOF) and North Africa (PRESANORD), MedCOF will coordinate their activities.

4.3(2).13 The Association appreciated the various activities taken by the RA VI RCC-Network Toulouse and Moscow Node on Long-range Forecasting in supporting Members, including through providing the monthly Global Climate Bulletin and other input for the RCOFs held in RA VI and RA I. The RA VI RCC-LRF was also instrumental in preparing for the scoping meeting for MedCOF.

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# Overview of mechanisms to address the needs of climate services

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## RA VI RCCs Network:

- Node on Climate Monitoring
- Node on Climate Data
- Node on Long-Range Forecasting

## RA VI RCOFs:

- South-East European Climate Outlook Forum
  - North Eurasian Climate Outlook Forum
  - Mediterranean Climate Outlook Forum
  - (Polar RCOF- in pipeline)
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## Regional Users Interaction Mechanisms to address the needs of climate services: Examples

<b>RCOFs</b>	Established in 2008 as part of WMO's Climate Information and Prediction Services project
<b>SEE COF</b>	Established in 2008 within the Action Plan of the WMO Regional Association VI Strategic Plan (2008-2011)
<b>NEACOF</b>	Established in March 2011 within the North-Eurasian Climate Centre
<b>MedCOF</b>	Established in June 2013 at the MedCOF scoping meeting, hosted by the Spanish Meteorological Agency.
<b>Polar RCOF</b>	In pipeline for 2015 in collaboration with Fast Start project, supported by Canada



# Overview of mechanisms to address the needs of climate services

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## **RA II RCCs:**

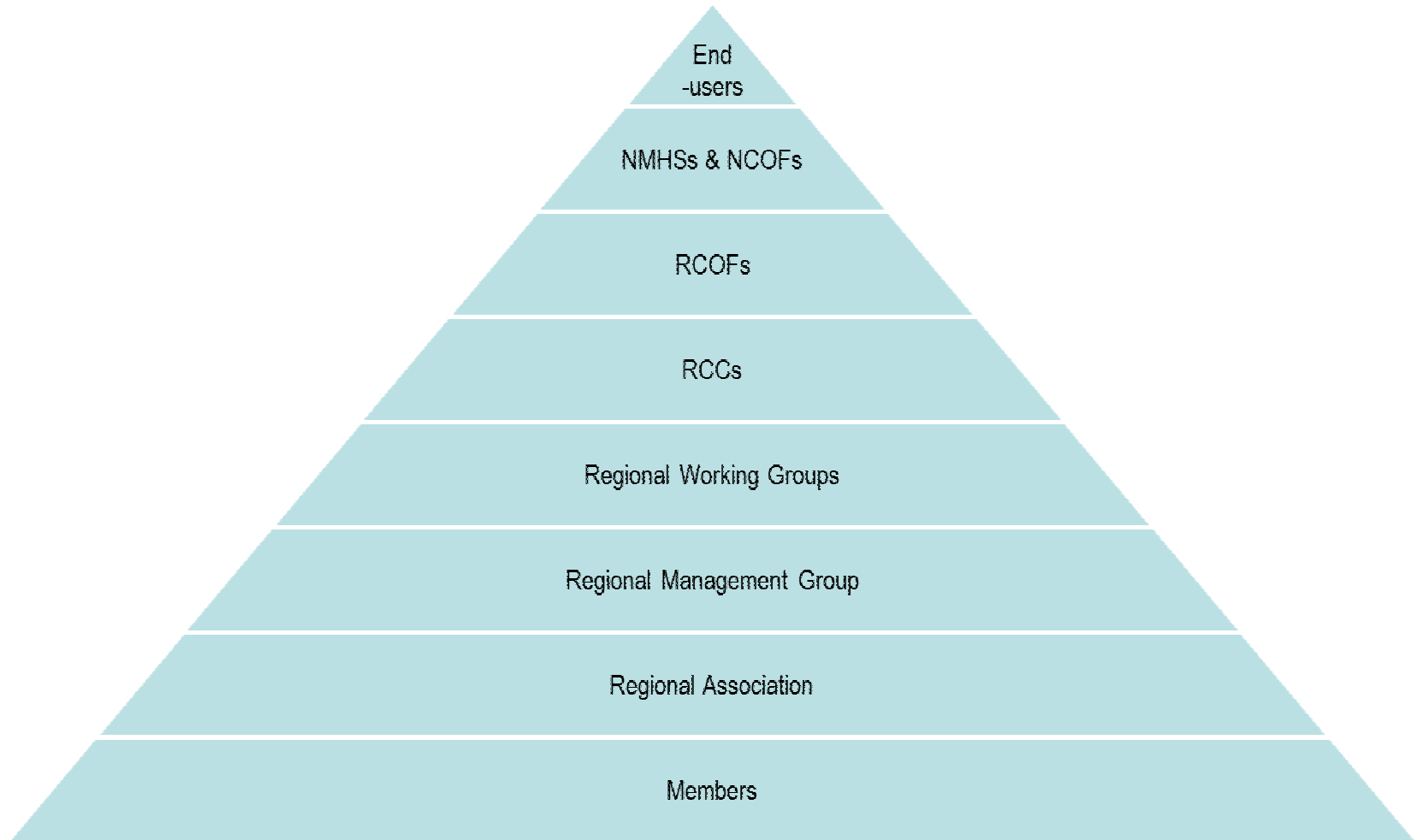
- Beijing Climate Center
- Tokyo Climate Center
- North Eurasian Climate Center
- India Climate Center –at the demonstration phase

## **Regional COFs:**

- Forum on Regional Climate Monitoring, Assessment and Prediction for RA II
  - South Asian Climate Outlook Forum
  - North Eurasian Climate Outlook Forum
  - (Polar RCOF - in pipeline)
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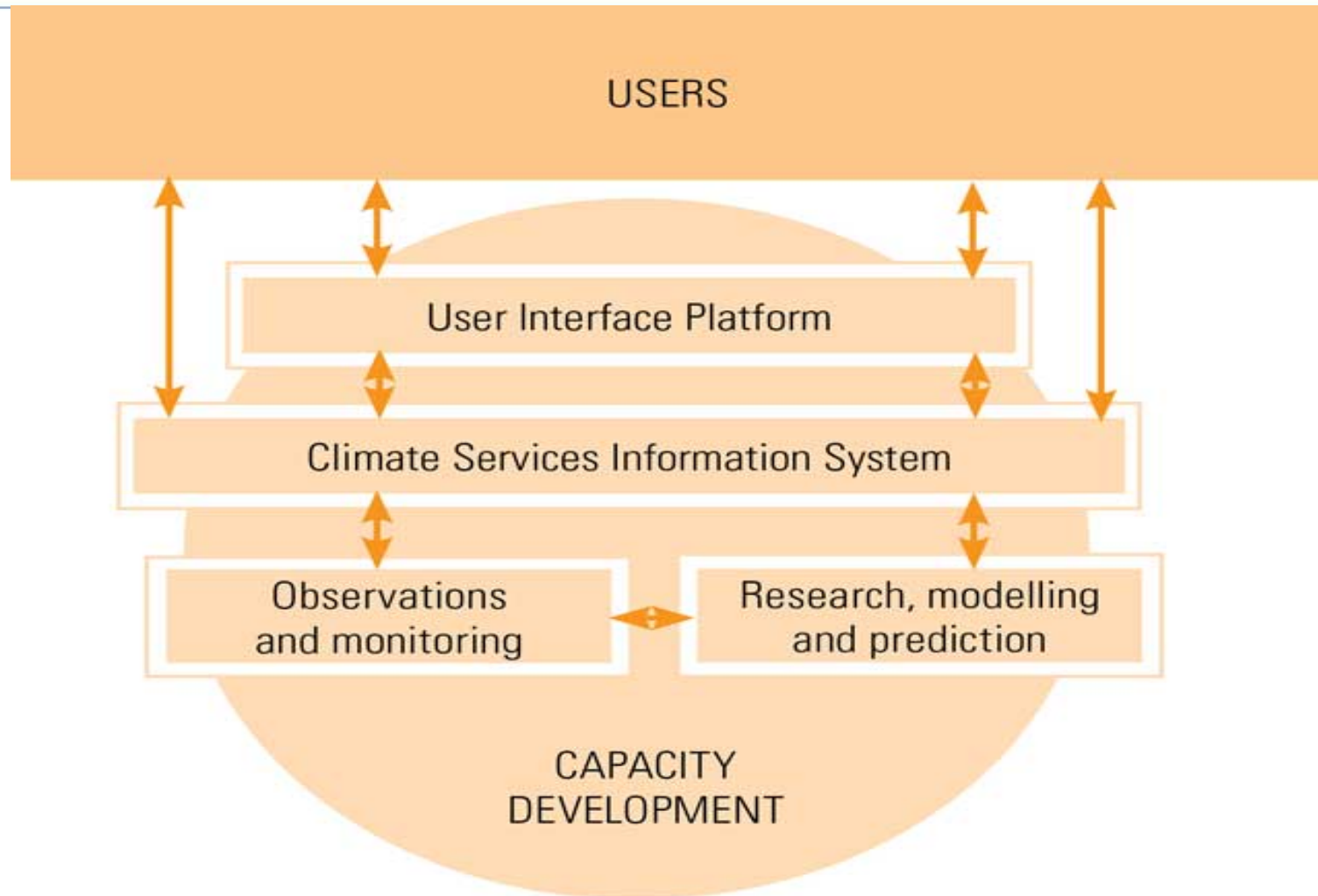
# Relationship or working procedures between the existing mechanisms







# Global Framework for Climate Services





# Cooperation is the key

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Cooperation and collaboration with existing networks, projects and initiatives will be the key to the success!

At the global level, this includes a number of UN partners and the systems and institutions that these organizations co-sponsor.

Non-governmental organizations and universities will also have an important role to play.

To achieve its potential, the engagement of all the players is essential.

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*Thank You*

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<http://www.wmo.int/>

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