



WMO Northern Africa
RCC Network

WMO RA VI
RCC Network



JOINT SESSION OF

11th MEDITERRANEAN CLIMATE OUTLOOK FORUM

20th SOUTH-EAST EUROPEAN CLIMATE OUTLOOK FORUM

13th PRÉVISIONS CLIMATIQUES SAISONNIÈRES EN AFRIQUE DU NORD

3rd ARAB REGIONAL CLIMATE OUTLOOK FORUM

November 26-29, 2018

Cairo, Egypt

PROGRAMME

DAY 1: MONDAY, 26 NOVEMBER

08:30 – 09:00 Registration

09:00 – 09:30 Opening & Working arrangements

Welcome remarks:

- **Mr Milan Dacic** on behalf of the Secretary-General of the World Meteorological Organization (WMO, Switzerland)
- **Mr Tarek Sadek** United Nations Economic and Social Commission for Western Asia (ESCWA, Lebanon)
- **Mr Ahmed Abd Aal** Chairman Board of Directors (EMA, Egypt)
- Information on logistical arrangements during the sessions (host)

Pre-COF Session

09:30 - 10:30 Session I (chair: Ashraf Zakey)

- **Silvio Gualdi** (CMCC, Italy): "Progress of MEDSCOPE project"

- **Roxana Bojariu** (ANM, Romania): "Introduction to drivers at seasonal scale relevant to the Mediterranean"
- **Silvio Gualdi** (CMCC, Italy): "Preliminary results from the sensitivity experiments exploring the sources of predictability for the Mediterranean region at seasonal time scales"
- Q&A

10:30 - 11:00 **Coffee break/ group photo**

11:00 – 13:00 **Session I (cont.) (chair: Ashraf Zakey)**

- **Javier García-Serrano** (BSC//UB, Spain): "Role of sea-ice and snow cover extent over northern Asia on predictability of the NH cold season. MEDSCOPE sensitivity experiments"
- **Javier García-Serrano** (BSC/UB, Spain): "Role of ENSO/PDO at seasonal time scale over the Mediterranean region. MEDSCOPE sensitivity experiments"
- **Esteban Rodríguez-Guisado** (AEMET, Spain): "Development of an Empirical Seasonal Forecasting System for the Mediterranean"
- Discussion

13:00 - 14:00 **Lunch**

14:00 – 15:30 **Session II (chair: Milan Dacic)**

- **Christian Viel** (MF, France): "New products for heat waves and cold spells at seasonal time scale"
- **Carmen Alvarez-Castro** (CMCC, Italy): "Dynamical proxies, bias correction and statistical downscaling as tools for seasonal forecast"
- **Ernesto Rodríguez-Camino** (AEMET, Spain): "Combination and weighting of seasonal forecasting information"
- **Anca Brookshaw** (ECMWF, UK): "Recent developments of C3S on Seasonal Forecasting" (*remote presentation*)
- Discussion

15:30 - 16:00 **Coffee break**

16:00 - 17:30 **Session II (chair: Milan Dacic)**

- **Ernesto Rodríguez-Camino** (AEMET, Spain): "Update on the LC LRFMME operations".

- **Anahit Hovsepyan** (WMO, Switzerland): "Summary of Second WMO Workshop on Operational Climate Prediction"
- **Anahit Hovsepyan** (WMO, Switzerland): "Moving forward in RCOF operations and procedures".
- **Milan Dacic** (WMO, Switzerland): "Towards seamless GDPFS: Weather and Climate marriage".
- Discussion

17:30 **Adjourn day 1**

DAY 2: TUESDAY, 27 NOVEMBER

09:00 – 10:00 **Session I – Verification of previous outlooks - Step 1 (chair: Silvio Gualdi)**

- **Ernesto Rodríguez** (for Peter Bissolli, DWD, Germany) and **Salah Sahabi Abed** (Algeria): Presentation of MedCOF-10 verification (draft)
- Discussion and approval of Step 1 MedCOF-11 document

10:00 – 11:00 **Session II – Climate monitoring – Step 2 (chair: Silvio Gualdi)**

- **Christian Viel** (Meteo-France) and **Soumaya Ben Rached** (INM, Tunisia): Presentation of MedCOF-11 climate monitoring draft.
- Discussion and approval of Step 2 MedCOF-11 document.

11:00 – 11:30 **Coffee break**

11:30 – 13:00 **Session III - Production of large-scale climate outlook for winter (DJF) 2018-2019 (chair: Branko Bijelic)**

- **Anca Brookshaw** (ECMWF, UK): Seasonal forecast from GPC ECMWF and GPC Exeter (remote presentation)
- **Valentina Khan** (Hydrometeorological Research Center, Russia): Seasonal forecast from GPC Moscow.
- **Pierre Etchevers** (Meteo-France, France): Seasonal forecast from GPC Toulouse
- **Silvio Gualdi** (CMCC, Italy): Seasonal forecast from CMCC

13:00 – 14:00 **Lunch**

14:00 – 15:30 Session III - Production of large-scale climate outlook for winter (DJF) 2017-2018 (cont.) (chair: Roxana Bojaru)

- **Esteban Rodríguez-Guisado** (AEMET, Spain): Seasonal forecast from statistical systems
- **Christian Viel** (Meteo-France, France): Summary from RA VI RCC-LRF
- **Hubert Kabengela Nyamabu** (ACMAD, Niger): Summary from RA I RCC-LRF
- **Wafae Badi** (DMN, Morocco): Summary from North African RCC-LRF
- **Arjan Zamreeg & Mr. Said Al Sarmi** (GCC) (tbc) (GAMEP, Saudi Arabia): Summary from GCC
- Discussion

15:30 – 16:00 Coffee break

16:00 – 17:30 Session III - Production of large-scale climate outlook for winter (DJF) 2018-2019 (Chair: C. Viel/W. Badi) (cont.)

- Editing the provisional MedCOF-11 climate outlook statement (Step 3 document)

17:30 Adjourn day 2

DAY 3: WEDNESDAY, 28 NOVEMBER

09:00 – 11:00 Parallel sessions SEECOF-20, PRESANORD-12, ArabCOF-3

SEECOF-20	
<p>Session 2: Climate monitoring and verification of previous climate outlooks (SEECOF-18 and -19) <i>Chair: Ms. Roxana Bojariu (tbc)</i></p> <ul style="list-style-type: none">• Verification of the SEECOF-18 Climate outlook for 2017/2018 winter season,• Verification of the SEECOF-19 Climate outlook for 2018 summer season,• Climate outlook for 2018 summer in the SEECOF member states:• Verification of the SEECOF-19 Climate outlook for 2018 summer season in Croatia• Verification of the SEECOF-19 Climate outlook for 2018 summer season in Georgia• Verification of the SEECOF-19 Climate Outlook for 2018 summer in Bulgaria,• Discussion and approval of the draft documents of the verification of the SEECOF-18 and SEECOF-19 Climate Outlooks	<p><i>Mr. Branko Bijelic, RA VI RCC-SEEVCCC/RHMSS (30 minutes)</i></p> <p><i>Ms. Ana Savovic, RA VI RCC-SEEVCCC/RHMSS (30 minutes)</i></p> <p><i>Ms Dunja Placko-Vrsnak, Croatia(10 minutes) (tbc)</i></p> <p><i>Ms. Khatuna Kokosadze, Georgia (10 minutes)(tbc)</i></p> <p><i>Mr. Ilian Gospodinov, Bulgaria (10 minutes) (tbc)</i></p>

PRESANORD-12	
<p>Session 2: Climate monitoring and verification of previous climate outlooks (PRESANORD-11) <i>Chair: Mr Salah Sahabi Abed (tbc)</i></p> <ul style="list-style-type: none"> • Verification of the PRESANORD-11 outlook for 2017/18 winter season. • Verification of PRESANORD-11 climate outlook over : <ul style="list-style-type: none"> -Algeria -Egypt -Lybia -Morocco -Tunisia • Discussion and approval of PRESANORD-11 verification 	<p><i>Mr Salah Sahabi Abed (tbc)</i></p> <p><i>Mr Salah Sahabi Abed (tbc)</i></p> <p><i>Ms Awatif Mostafa (tbc)</i></p> <p><i>Mr Eshtewi Rabha (tbc)</i></p> <p><i>Ms Wafae Badi</i></p> <p><i>Ms Rabeb Selmi (tbc)</i></p>

ArabCOF-3	
<p>Session 2: Climate monitoring and verification of previous climate outlooks (ArabCOF-1 and -2)</p> <ul style="list-style-type: none"> • Verification of ArabCOF -2 outlook for spring 2018 • Presentation of ArabCOF-3 climate monitoring draft. • Discussion and approval of Step 2 ArabCOF-3 document. 	<p><i>Mr Sahabi Abed (tbc)</i> <i>Mr. Tariq Joumah Abid</i> <i>Sharaan(Jordan) (tbc)</i> <i>Mr. Said Al Sarmi (GCC) (tbc)</i> <i>Mr. Awatif Mosftfa (Egypt) (tbc)</i> <i>Ms Soumaya Ben RACHED</i></p>

11:00 – 11:30 *Coffee break*

11:30 – 13:00 **Parallel sessions SEECOF-20, PRESANORD-12, ArabCOF3
(cont)**

SEECOF-20	
<p>Session 3 - Production of regionalized climate outlook for winter (DJF) 2018-2019 over SEECOF domain (continuation) <i>Chair: Ms. Mirjana Ivanov</i></p> <p>Short review of Global and regional Inputs</p> <p>Global Inputs:</p> <p>Regional inputs:</p> <ul style="list-style-type: none">• MedCOF input• SEEVCCC input• Climate predictive signals for the SEECOF region <p>National inputs:</p> <ul style="list-style-type: none">• Climate outlook for winter 2018-2019 in Bulgaria,• Discussion• Editing and production of SEECOF-20 Climate Outlook bulletin	<p><i>Mr. C.Viel (RA VI RCC on LRF Meteo-France) (tbc)</i></p> <p><i>Mr. E. Rodriguez Camino (AEMET)</i></p> <p><i>Mr. Branko Bijelic RA VI RCC-SEEVCCC/RHMSS</i> <i>Ms. Roxana Bojariu (National Meteorological Administration, Romania) (tbc)</i></p> <p><i>Mr I. Gospodinov, NIMH, Bulgaria (tbc)</i></p> <p><i>Mr. Branko Bijelic, RA VI RCC-SEEVCCC/RHMSS</i></p>

ArabCOF-3	
<p>Session 3 - Production of regionalized outlook for winter (DJF) 2018-19 over ArabCOF domain (cont.)</p> <p>Short review of Global and regional Inputs</p> <p>Global Inputs:</p> <p>Regional inputs:</p> <ul style="list-style-type: none"> • MedCOF input • ArabCOF input • Climate predictive signals for the ArabCOF region <p>National inputs:</p> <ul style="list-style-type: none"> • Discussion • Editing and production of ArabCOF-3 Climate Outlook bulletin 	<p><i>Ms.Awatif Mosftafa(tbc)</i> <i>Mr.Arjan Zamreeg(tbc)</i> <i>Ms.Samia Al- Zakwani (tbc)</i> <i>Ms. Wafee Badi(tbc)</i> <i>Ms. Rabeb Selmi(tbc)</i> <i>Mr, Salah Shabi(tbc)</i></p>
PRESANORD-12	
<p>Session 3 - Production of regionalized climate outlook for winter (DJF) 2018-2019 over PRESANORD domain (continuation)</p> <p><i>Chair: Ms Wafae Badi</i></p> <p>Short review of Global and regional Inputs</p> <p>Global Inputs:</p> <p>Regional inputs:</p> <ul style="list-style-type: none"> • MedCOF input • PRESANORD input • Climate predictive signals for the PRESANORD region <p>National inputs:</p> <ul style="list-style-type: none"> • Discussion • Editing and production of PRESANORD-12 Climate Outlook bulletin 	<p><i>Mr. Ernesto Rodriguez Camino</i></p> <p><i>Mr. Ernesto Rodriguez Camino</i> <i>Ms. Wafae Badi</i></p> <p>All participants</p>

13:00 – 14:00 **Lunch**

14:00 – 15:00 **Parallel sessions SEECOF-20, PRESANORD-13, ArabCOF3
(cont)**

SEECOF-20	
<p>Session 3 - Production of regionalized climate outlook for winter (DJF) 2018-2019 over SEECOF domain (continuation) <i>Chair: Mr Branko Bjelic</i></p> <ul style="list-style-type: none">• Discussion• Editing and production of SEECOF-20 Climate Outlook Bulletin	<p><i>All participants</i></p>

ArabCOF-3	
<p>Session 3 - Production of regionalized climate outlook for winter (DJF) 2018-2019 over ArabCOF domain (continuation) <i>Chair: Mr Ashraf Zakey</i></p> <ul style="list-style-type: none">• Discussion• Editing and production of ArabCOF-3 Climate Outlook Bulletin	<p>Ms. Awatif Mosftafa(tbc) Mr. Arjan Zamreeg(tbc) Ms. Samia Al- Zakwani(tbc) Ms. Wafee Badi(tbc) Ms. Rabeb Selmi(tbc) Mr, Salah Shabi(tbc)</p>

PRESANORD-12	
<p>Session 3 - Production of regionalized climate outlook for winter (DJF) 2018-2019 over PRESANORD domain (continuation)</p> <ul style="list-style-type: none">• Discussion• Editing and production of PRESANORD-12 Climate Outlook Bulletin	

15:00 – 16:00 Session IV - Production of large-scale climate outlook for winter (DJF) 2018-2019 (Chair: E. Rodríguez-Camino)

- **Branko Bijelic:** Brief report back from SEECOF-20
- **Wafae Badi:** Brief report back from PRESANORD-12
- **Ashraf Zakey:** Brief report back from ArabCOF-3
- Discussion

16:00 – 16:30 *Coffee break*

16:30 – 18:00 Session IV - Production of large-scale climate outlook for winter (DJF) 2018-2019 (Chair: E. Rodríguez Camino) (*cont*)

- Discussion and approval of MedCOF-11 climate outlook statement (step 3 document)

18:00 Adjourn day 3

DAY 4: THURSDAY, 29 NOVEMBER

09:00 – 13:00

Opening Remarks

Plenary session with users and stakeholders (Chair: Tarek Sadek)

- **Dunja Mazzocco Drvar** (Croatia): Climate information communication aspects, good practices
- **Hesham Abdel Ghany** (WMO, Bahrain): Seasonal forecasts importance to economic sectors
- **Stakeholder representatives:** statements/presentations on the current status of utilization of climate information and products provided by EMA, and their needs and requirements of tailored products for decision making in agriculture and water management

11:00 – 11:30 *Coffee break*

- Open discussions (Moderated by Chair)
- Concluding remarks of the session with users and stakeholders

13:00 – 14:00 *Lunch*

14:00 – 16:30

**Plenary discussion on MedCOF/SEECOF/ArabCOF/PRESANORD internal matters
(Chair: E. Rodríguez Camino)**

- Discussion on gaps, constraints, proposal for improvement of sessions
- Conclusions and Recommendations for way forward

16:30 **Closure**