



WORLD METEOROLOGICAL ORGANIZATION

# First WMO Workshop on Operational Climate Prediction

9-11 November 2015, Pune, India

Venue: Indian Institute of Tropical Meteorology, Pune



## DRAFT AGENDA

### Monday, 9 November 2015

08:30 – 08:45	Registration
08:45 – 09:30	Opening/Welcomes/Logistics <ul style="list-style-type: none"><li>• M. Rajeevan, IITM</li><li>• B. Mukhopadhyay, IMD</li><li>• R. Kolli, WMO</li><li>• Prof. Sulochana Gadgil, IISc (Chief Guest)</li></ul>
<b>Session 1:</b>	<b>Societal context for long-range predictions and review of Brasilia workshop</b> <b>Chair: G. Artan (ICPAC)</b>
09:30 – 09:45	<i>Global Framework for Climate Services</i> (Madhavan Rajeevan, IITM)
09:45 – 10:00	<i>Climate Services Information System</i> (Rupa Kumar Kolli, WMO)
10:00 – 10:20	<i>Review of recommendations from the Brasilia workshop (2013) and introduction to programme for the current workshop</i> (Richard Graham, UK Met Office)
10:20 – 10:45	<i>Open discussion Brasilia workshop follow-up</i>
10:45 – 11:15	<b>Group Photo and Coffee Break</b>
<b>Session 2:</b>	<b>Research efforts and advances in long-range predictions</b> <b>Chair: M. Rajeevan (IITM)</b>
11:15 – 11:35	<i>Activities of Working Group on Seasonal-to-Interannual Predictions (WGSIP)</i> (Swadhin Behera, JAMSTEC)
11:35 – 11:50	<i>Discussion on WGSIP and connecting operations with research</i>
11:50 – 12:10	<i>Sub-seasonal to Seasonal Prediction Project (S2S)</i> (Yuhei Takaya, JMA)
12:10 – 12:25	<i>Discussion on S2S</i>

12:25 – 12:45	<i>Seasonal, multi-year and decadal predictions</i> (Richard Graham, UK Met Office)
12:45 – 13:00	<i>Discussion on prospects seasonal, multi-year and decadal predictions</i>
13:00 – 14:00	<b>Lunch Break</b>
<b>Session 3:</b>	<b>Overview of infrastructure for long-range predictions</b> <b>Chair: R. Graham (UK Met Office)</b>
14:00 – 14:20	<i>Overview of Global Data Processing and Forecast System (GDPFS) and WMO infrastructure for long-range predictions</i> (Abdoulaye Harou, WMO)
14:20 – 14:35	<i>Discussion on GDPFS and WMO infrastructure</i>
14:35 – 14:55	<i>Overview and current status of Global Seasonal Climate Update</i> (Arun Kumar, NOAA)
14:55 – 15:10	<i>The EU Copernicus programme</i> (Laura Ferranti, ECMWF)
15:10 – 15:30	<i>Overview and current status of Climate Services Toolkit</i> (R. Kolli, WMO)
15:30 – 15:45	<i>Discussion on Climate Services Toolkit and Copernicus Programme</i>
15:45 – 16:15	<b>Coffee Break</b>
<b>Session 4:</b>	<b>Review of current operational practices for producing long-range forecasts</b> <b>Chair: Y. Takaya (JMA)</b>
16:15 – 16:35	<i>Summary of questionnaire</i> (Richard Graham, UK Met Office)
16:35 – 16:45	<i>NMHS 1</i> (Boni Narcisse Kindia, Ivory Coast)
16:45 – 16:55	<i>NMHS 2:</i> (Than Than Naing, Myanmar)
16:55 – 17:05	<i>NMHS 3:</i> (Shanice Bedward, Jamaica)
17:05 – 17:15	<i>NMHS 4:</i> (Liwanag Remedios Ciervo, Philippines)
17:15 – 17:45	<i>Discussion on operational practices at NMHSs</i>
17:45 – 18:00	<i>RCOF 1: CACOF</i> (Patricia Ramirez, CRRH-SICA)
19:30 –	<b>Dinner at Hotel Sayaji hosted by Director, IITM</b>

## Tuesday, 10 November, 2015

### **Session 4: Review of current operational practices for long-range forecasts (cont.)** **Chair: Laura Ferranti (ECMWF)**

- 09:00 – 09:15 *RCOF 2 : ASEANCOF (Raizan Rahmat, MSS)*
- 09:15 – 09:30 *ROCF 3 : CARICOF (Adrian Trotman, CIMH)*
- 09:30 – 10:00 *Discussion operational practices at RCOFs*
- 10:00 – 10:15 *RCC-Beijing (Peiqun Zhang, CMA)*
- 10:15 – 10:30 *RCC-Africa (Andre Kamga, ACMAD)*
- 10:30 – 10:45 *RA VI RCC-Network (Dmitry Kiktev, NEACC)*
- 10:45 – 11:15 **Coffee Break**

### **Session 4: Review of current operational practices for long-range forecasts (cont.)** **Chair: Andre Kamga (ACMAD)**

- 11:15 – 11:30 *RCC-Tokyo (Arata Endo, TCC)*
- 11:30 – 11:55 *Discussion operational practices at RCCs*
- 11:55 – 12:10 *CPC (Wassila Thiaw, CPC)*
- 12:10 – 12:25 *CMC (Bertrand Denis, CMC)*
- 12:25 – 12:40 *BoM (Robert Smalley, BoM)*
- 12:40 – 13:00 *Discussion operational practices at GPCs (in capacity as NMHSs)*
- 13:00 – 14:00 **Lunch Break**

### **Breakout Session 1: Actions and pathways for improving Global Seasonal Climate Update** **Chair: D.S. Pai (IMD)**

- 14:00 – 14:10 *Charge of breakout groups*
- 14:00 – 15:45 *Several breakout groups*
- 15:45 – 16:15 **Coffee Break**

### **Breakout Session 2: Requirements for Climate Services Toolkit (with a focus what components it will need to include to advance operational predictions at global, regional, and national level)** **Chair: R. Kolli (WMO)**

- 16:15 – 16:25 *Charge of breakout groups*
- 16:25 – 18:00 *Several breakout groups*

## Wednesday, 11 November, 2015

### **Breakout Session 3: Framework for a guidance document for recommended long-range prediction practices based on the review of current long-range forecast practices** **Chair: A. Trotman (CIMH)**

09:00 – 09:10 *Charge of breakout groups*

09:10 – 10:45 *Several breakout groups*

10:45 – 11:15 **Break**

### **Breakout Session 3: Framework for a guidance document for recommended long-range prediction practices based on the review of current long-range forecast practices (cont.)**

11:15 – 13:00 *Several breakout groups*

13:00 – 14:00 **Lunch Break**

14:00 – 14:30 Time for breakout session chairs to prepare summary for plenary presentations<sup>1</sup>

### **Session 5: Summary and recommendations of breakout sessions** **Chair: A. Kumar (NOAA)**

14:30 – 15:00 Summary and recommendations from the breakout session 1

15:00 – 15:30 Summary and recommendations from the breakout session 2

15:30 – 16:00 Summary and recommendations from the breakout session 3

16:00 – 16:30 **Coffee Break**

### **Session 6: Conclusions and recommendations of Workshop** **Chair: R. Graham (UK Met Office)**

16:30 – 17:15 Overarching Conclusions and Recommendations of the Workshop

17:15 – 17:30 Closing of the workshop

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<sup>1</sup> Effectively the lunch will be from 13:00 – 14:35 and during this time chairs from breakout sessions can prepare a summary