



World Meteorological Organization
Organisation météorologique mondiale

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Weather • Climate • Water
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Our ref.: OBS/TECO-2014

GENEVA, 12 August 2014

Annex: 1 (available in English only)

Subject: Announcement of a WMO Technical Conference on Regional Priorities for WMO Integrated Global Observing Systems (WIGOS) and Global Data-processing and Forecasting Systems (GDPFS), Asunción, Paraguay, 11-13 September 2014

Action required: Participant notification to be sent to the WMO Secretariat by **20 August 2014**.

Dear Sir/Madam,

The World Meteorological Organization (WMO), under the auspices of the Commission for Basic Systems (CBS) and Regional Association III (RA III), is organizing a WMO Technical Conference on Regional Priorities for WMO Integrated Global Observing Systems (WIGOS) and Global Data-processing and Forecasting Systems (GDPFS), to be held at the kind invitation of the Government of Paraguay, in Asunción from 11 to 13 September 2014 during the extraordinary session of the Commission for Basic Systems scheduled to take place at the same venue from 8 to 12 September 2014, prior to the sixteenth session of RA III from 15 to 20 September 2014.

The purpose of the Conference is to provide a forum to exchange views on challenges and emerging issues that Members are facing and identify future priorities on WIGOS

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6789)

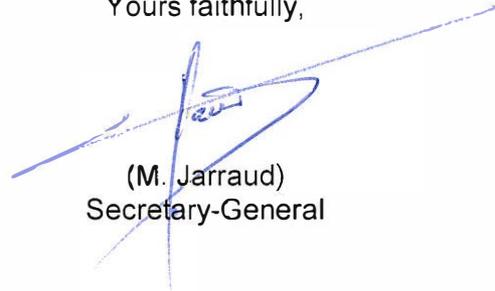
cc: Hydrological Advisers to Permanent Representatives)
Presidents and vice-presidents of technical commissions)
Presidents of regional associations) (for information)
Members of the Commission for Basic Systems)
Director-General, ASECNA)

and GDPFS. The Conference will discuss, among others, the topics that are outlined in the attachment to this letter. The provisional programme of the Conference can be found at the following link:

<http://www.wmo.int/pages/prog/www/BAS/CBS-meetings.html>

I look forward to the participation of your Service in this important Conference.

Yours faithfully,

A handwritten signature in blue ink, consisting of a large, stylized 'J' and 'A' with a horizontal line crossing through them.

(M. Jarraud)
Secretary-General

TECO PROVISIONAL PROGRAMME

(Asunción, Paraguay, 11-13 September 2014)

Thu 11 Sep 2014

14:00 - 17:00

TECO/RECO Session 1: Next Generation Global Data Processing
and Forecasting Systems (GDPFS)

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

14:00 - 14:20 TECO: Introduction and Vision for GDPFS

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

14:20 - 14:40 TECO/RECO: Risk-based Warnings and Impact Prediction

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

14:40 - 15:00 TECO/RECO: JMA's Emergency Warning System

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

15:00 - 15:20

TECO/RECO: From SWFDP to a Global Programme to Support NMHSs -
capacitybuilding for global Service Delivery

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

15:20 - 15:40 TECO/RECO: Break

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

15:40 - 16:00

TECO/RECO: Nowcasting by satellite - bringing very short-range
forecasting to regions without radar

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

16:00 - 16:20 TECO/RECO: Forecasting of high-impact weather

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

16:20 - 16:40 TECO/RECO: Long-range forecasting and its Service Delivery
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

16:40 - 16:55
TECO/RECO: Virtual Centre for Severe Weather Monitoring and
Forecasting in RA III
Where: RA-III
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

16:55 - 17:00 TECO/RECO: Wrap-up and conclusions
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

Fri 12 Sep 2014

09:00 - 09:15 TECO/RECO: Elements of CBS contribution to GFCS
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

09:00 - 09:50 TECO/RECO: Session 2: CBS contributions to GFCS
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

09:15 - 09:35
TECO/RECO: GFCS Case Study from RA III (Warming and wetting
signals emerging from analysis of changes in climate extreme indices over
South America)
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

09:35 - 09:50 TECO/RECO: Climate Risk Management in RA III
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

09:45 - 10:00
TECO/RECO: WIGOS is the future: preparing for the pre-
operational phase
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

09:50 - 10:10 TECO/RECO: Future vision for CBS in serving WMO
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

09:50 - 12:30
TECO/RECO: Session 3: Future Challenges and Opportunities for
CBS
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

10:10 - 10:30
TECO/RECO: Future surface-based observing technologies for
weather and climate
Calendar: CBS-RA3-TECO-RECO
Created by: Steve Foreman

- 10:30 - 10:50 TECO/RECO: Break
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 10:50 - 11:05
 TECO/RECO: Future developments in space-based observing capabilities
 Where: space-based observing capabilities
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 11:05 - 11:20 TECO/RECO: Trends in third-party provided observations
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 11:20 - 11:50 TECO/RECO: Future trends and opportunities in ICT
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 11:50 - 12:10 TECO/RECO: Managing disasters better - how CBS can help?
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 12:10 - 12:30
 TECO/RECO: Changing the paradigm for Communications and Service Delivery: the evolving role of the forecaster
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

Sat 13 Sep 2014

- 09:00 - 09:30
 RECO/TECO: RA-III priorities in basic systems and services - with focus on WIS, Forecasting Systems and Service Delivery
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 09:00 - 09:45
 RECO/TECO: Session 4: Regional priorities for Basic Systems and Services
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 09:30 - 09:45
 RECO/TECO: Implementation of WMO Service Delivery Strategy with emphasis on RA III
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 09:45 - 12:50 RECO/TECO: Session 5: WIGOS Framework implementation
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman
- 09:45 - 10:00 RECO/TECO: WIGOS is the future
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

10:00 - 10:30 RECO/TECO: Talks by OPAG-IO5
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

10:30 - 11:00 RECO/TECO: Break
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

11:00 - 11:20 RECO/TECO: WIGOS framework
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

11:20 - 11:40 RECO/TECO: WIGOS Information Resource
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

11:40 - 12:00 RECO/TECO: WIGOS Technical Regulations
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

12:00 - 12:20 RECO/TECO: WIGOS metadata
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

12:20 - 12:50 TECO/RECO: Regional WIGOS implementation plan
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

14:00 - 14:20
 RECO/TECO: Regional WIGOS case study (1) Needs and
 opportunities for AMDAR in RA III
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

14:00 - 16:50
 RECO/TECO: Session 5: WIGOS Framework implementation in RA-
 III
 Where: RA-III
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

14:20 - 14:40 TECO/RECO: Regional WIGOS case study (2)
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

14:40 - 15:00 RECO/TECO: Regional WIGOS Case study (3)
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

15:00 - 15:20 RECO/TECO: Meeting requirements for satellite data in RA-III
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

15:20 - 15:30
 RECO/TECO: Introduction to National Checklist for breakout
 groups
 Calendar: CBS-RA3-TECO-RECO
 Created by: Steve Foreman

15:30 - 16:20

RECO/TECO: Breakout groups to discuss and start to complete
National Checklists

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

16:20 - 16:35 RECO/TECO: Reports from breakout groups

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

16:35 - 16:50 RECO/TECO: Case study of national WIGOS implementation in RA I

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman

16:50 - 17:00 RECO/TECO: Summary and closing remarks

Calendar: CBS-RA3-TECO-RECO

Created by: Steve Foreman