



FIRST WORKSHOP ON SPACE-BASED ARCHITECTURE FOR CLIMATE

## Continuity and Architecture Requirements for Climate Monitoring

WMO Headquarters, Geneva, 13-14 January 2011

### Draft Agenda

1. **Opening** (*Chair: L.P. Riishojgaard*)
    - 1.1 Introduction and welcome (*L.P. Riishojgaard, W. Zhang*)
    - 1.2 Agenda (*B.J. Ryan, C. Richter*)
  
  2. **Strategic and technical context of climate observation from space**  
(*Chair: L.P. Riishojgaard*)
    - 2.1 A call for an architecture for space-based observation of climate (*B.J. Ryan*)
    - 2.2 The 2010 GCOS Implementation Plan (*C. Richter*)
    - 2.3 WMO Climate System Monitoring perspective (*O. Baddour*)
    - 2.4 The WMO Vision for the GOS in 2025 responding to the GCOS IP (*J. Eyre*)
    - 2.5 The CEOS response to GCOS needs (*M. Goldberg*)
    - 2.6 The CEOS Working Group on Climate (*M. Dowell, J. Bates*)
  
  3. **The observation building blocks and related gaps**  
(*Chair: M. Kalb*)
    - 3.1 CGMS evolving baseline and global contingency plan (*J. Lafeuille*)
    - 3.2 WMO Gap Analysis of space missions with respect to GCOS requirements (*B. Bizzarri*)
  
  4. **Refinement of the continuity requirements (focussing on a few main risk areas)**  
(*Chair: C. Richter*)
    - 4.1 Discussion: Identification/validation of main risk areas (*All workshop participants*)
    - 4.2 Introduction to break-out sessions (*M. Kalb*)

Break-out sessions on selected risk areas (critical ECVs and/or cross-cutting issue). Each group will be invited to consider:

    - Scientific rationale for continuity
    - Implementation approach (e.g. overlap among consecutive missions, back-up, re-launch, direct inter-calibration or transfer standards, etc.)
    - Implications for space-based missions and data management / processing
    - Priorities and practical relevance for Research-to-Operations transition
  
  5. **Conclusion: The way forward**  
(*Chair: B. Ryan*)
    - 5.1 Report from the break-out sessions (*Rapporteurs*)
    - 5.2 Discussion of recommendations to respective organizations and governing bodies
    - 5.3 Closure of the workshop (*B.J. Ryan, C. Richter*)
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