**CIMO/WIGOS Exploratory Workshop:**

**Improving Surface-Based Data Quality through Improved Standardization of Procedures**

**Langen, Germany, 3-5 December 2014**

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| **WORKSHOP PROGRAMME** | | | |
| **WEDNESDAY, 03 DECEMBER 2014** | | | |
| 09:00-09:15 | | **WELCOME AND INTRODUCTIONS**  **Dr Jochen Dibbern (DWD)**  **Dr Bertrand Calpini (President of CIMO)**  **Dr Wenjian Zhang (D/OBS)** | |
| 09:15-10:30 | | **SETTING THE SCENE**  Dr Wenjian Zhang: WIGOS and the need for globally improved data quality.Dr  Bertrand Calpini: Current arrangements for standardization of procedures and practices for surface-based observations, and their limitations. | |
| **Coffee Break (10:30-11:00)** | | | |
| **Session 1** | | **Data User Requirements (Chair: Calpini)** | | | |
| 11:00-11:30 | | Weather Requirements | | Jochen Dibbern (Germany) | |
| 11:30-12:00 | | Climate Requirements | | Xiong Anuan  (China) | |
| **Lunch Break (12:00-13:00)** | | | | | |
| **Session 2** | | | **In Situ Observations Experience & Regional Needs (Chair: Forgan)** | | |
| 13:00-13:15 | | | RICs (Developed Countries) | Drago Groselj (Slovenia) | |
| 13:15-13:30 | | | RICs (Developing Countries) | Rabia Merrouchi  (Morocco) | |
| 13:30-13:45 | | | RMICs | Li Bai  (China) | |
| 13:45-14:00 | | | RA I | Henry Karanja  (Kenya) | |
| 14:00-14:15 | | | RA II | Yoshihisa Nakamoto  (Japan) | |
| 14:15-14:30 | | | RA III | Mario Garcia (Argentina) | |
| 14:30-14:45 | | | RA IV | Damien Prescod (Barbados) | |
| 14:45-15:00 | | | RA V | Damianus Tri Heryanto (Indonesia) | |
| **Coffee Break (15:00-15:30)** | | | | | |
| **Session 3** | | | **Observations System Needs (Chair: Dibbern)** | | |
| 15:30-16:00 | | | Observations Quality Management Systems | Bruce Forgan (Australia) | |
| 16:00-16:30 | | | EUMETNET | Stephan Klink (Germany) | |
| 16:30-17:00 | | | Weather Radars | Paul Joe  (Canada)  (teleconference) | |
| 16:30-17:30 | | | Radar Wind Profilers | Volker Lehmann (Germany) | |
| 17:30-18:00 | | | General Discussion | | |
| **End of Day One (18:00)** | | | | | |

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| **PROVISIONAL PROGRAMME (CONTINUED)** | | |
| **THURSDAY, 04 DECEMBER 2014** | | |
| **Summary of Day 1 and the Search for Solutions (Co-Chairs: Calpini & Dibbern)** | | |
| 09:00-10:30 | | What is clear (consensus), and what is not (lack of consensus).  What works well, and what doesn’t. |
| **Coffee Break (10:30-11:00)** | | |
| 11:00-12:00 | | Brainstorming Session: Potential mechanisms for improving the situation | | |
| 12:00-12:30 | | Selection of Topics for Consideration by Breakout Groups,  Selection of Breakout Groups | | |
| **Lunch Break (12:30-13:30)** | | | | |
| **Breakout Groups (Chairs: Calpini, Dibbern, Forgan)** | | | | |
| 13:30-15:00 | | | Breakout Group Discussion | |
| **Coffee Break (15:00-15:30)** | | | | |
| 15:30-16:30 | | | Breakout Group Discussion | |
| 16:30-17:30 | | | Breakout Group Report Preparation | |
| **End of Day Two (17:30)**  **18:30 Workshop Dinner, hosted by DWD at the Hungarium, Achat Hotel, Langen** | | | | |

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| **PROVISIONAL PROGRAMME (CONTINUED)** | | |
| **FRIDAY, 05 DECEMBER 2014** | | |
| **Breakout Group Reporting & Discussion (Co-Chairs: Calpini & Dibbern)** | | |
| 08:30-09:30 | | Breakout Group Reporting |
| 09:30-10:00 | | Plenary Discussion |
| **Coffee Break (10:00-10:30)** | | |
| 10:30-12:00 | | Plenary Discussion | | |
| **Lunch Break (12:00-12:45)** | | | | |
| **Workshop Wrap Up (Co-Chairs: Calpini & Dibbern)** | | | | |
| 12:45-14:00 | | | Summary, Conclusions | |
| 14:00-16:00 | | | Drafting of Workshop Summary and Recommendations | |
| **End of Workshop (16:00)** | | | | |