**WCRP Modeling Advisory Council 4th Session**

**WMO, Geneva, Thursday 9 April 2015**

*Draft Agenda as of 31 March 2015*

| Time | Agenda Item | Docs |
|------|-------------|------|
| | **1. Introduction – Chair C. Jakob** | |
| 14h00 | a. JSC charge to WMAC4 - Chair JSC | |
| 14h05 | b. Adoption of agenda – WMAC Co-Chairs | |
| 14h10 | c. Review of WMAC3 actions – WMAC Co-Chairs | 1 |
| 14h20 | d. Update on ongoing WMAC activities (Modelling prize, Summer schools) – WMAC Co-Chairs | 2 |
| | **2. Update on existing activities with relevance to WMAC** | |
| 14h30 | a. WDAC – O. Brown | |
| 14h40 | b. ESGF & WIP – WGCM Co-Chairs | |
| 14h50 | c. CMIP and MIPs – WGCM Co-Chairs | |
| | **3. Possible new initiatives** | |
| 15h00 | a. Transpose-CMIP—WGNE Co-Chairs | 3 |
| 15h10 | b. Earth System Reanalysis – M. Rixen | 4, 5 |
| 15h20 | c. Urban environments – coastal megacities – M. Rixen | 6 |
| *15h30* | *Coffee break* | |
| | **4. Modeling activities connecting WGs and Core Projects in the context of the Grand Challenges (5 minute statements to introduce item 5 below)– G. Meehl** | |
| 16h00 | a.  WGSIP- WGCM (seasonal-decadal, presented by WGSIP representative)<br>b.  WGNE-WGSIP-WGCM-WGRC (cloud processes and systematic errors, presented by WGCM representative)<br>c.  WGNE-WGCM (transpose-CMIP, presented by WGNE representative);<br>d.  WGCM-WGRC (regional climate:  embedded regional | |

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| | models/high resolution global models (presented by WGRC representative);<br>e. modeling in Core Projects connected to WGSIP, WGCM, WGNE, and WGRC (Core Project representatives) | |

**5. Discussion on the future of modeling in WCRP – Requested by the Director of WCRP and Chair of the JSC following from previous presentations**

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| 17h00 | *Questions include:*<br>Why do we have so many W\*\*\* groups?   Can we afford so many groups?<br>As our focus turns toward seasonal to decadal time scales, and perhaps multi-scale multi-component integrated earth system modeling, do we have in place an effective structure?<br>Why do we speak the word 'seamless' but divide our activities across so many separate structures?<br>Do we have adequate support in place for CMIP, one of our most prominent efforts?<br>Should we rather combine regional and global?<br>Can we use systematic errors common to different applications to organize our activities?   Is the CMIP6 science focus on this topic useful for this purpose?<br>Should we increase synergies with sister programmes (WWRP, AIMES, etc)?<br>What should be the place of modeling in distilling \*MIP\*s simulations? | |

**6. WMAC Business – Chair C. Jakob**

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| 17h45 | a. AOB<br>b. Membership<br>c. Next meeting<br>d. Review of actions and decisions | |
| *18:00* | *Meeting ends* | |
| *19:00* | *No-host dinner to continue discussion with those interested and available* | |