

WCRP MODELING COORDINATION MEETING, Paris, Nov. 15-17, 2010

The purpose of this meeting is to follow-up on the recommendations of the World Modelling Summit and actions resulting from the latest JSC meeting in Antalya, Turkey, on the subject of modelling. The JSC discussed at length the formation of a WCRP Modelling Council in the context of WCRP visioning and future directions to carry out the following functions:

- Promoting the confrontation of models with observations and results of process studies;
- Promoting collaboration amongst various climate science communities (includes numerical weather prediction (NWP), seasonal to interannual prediction and climate projection communities as well as those dealing with biogeochemistry, air quality, terrestrial ecology, etc.);
- Promoting application of models to problems of societal relevance, quantifying uncertainties and making sure they are well communicated and understood;
- Promoting the model development and improvements.

There was considerable discussion among the participants on the similarities and differences between this Council and former WMP, both in terms of functions and membership that are captured in the JSC report available on the WCRP website (http://www.wmo.int/pages/prog/wcrp/PG_Reports_JSC.html).

We believe it is quite timely to have a modelling coordination meeting of the potential members of the WCRP Modeling Council for several reasons. **First**, this topic will be further discussed at the next JSC in April 2011, thus those discussions can benefit greatly from your insight and views. **Second**, we plan to consult the broader community on the role of WCRP in modelling during the Open Science Conference in October 2011 and it would be highly beneficial to have some common understanding of modelling functions/structure among the WCRP leadership prior to this forum. **Third**, the authors of the WCRP Modelling Survey are in the process of analysing the responses and preparing an open publication followed by one or two workshops focused on the implementation of the survey findings. **Fourth**, there are active discussions with the IGBP and WWRP colleagues on the subjects of Earth system modelling and seamless modelling approach which can benefit from your collective views and perspectives.