

15th Meeting: Working Group on Seasonal to Interannual Prediction

Monday, September 24

09:00 Start of WGSIP Session

Round table introductions (All)

Action items and recommendations from WGSIP 14 meeting (B. Kirtman and A. Scaife)

Key topics for this meeting (A. Scaife and B. Kirtman)

JSC outcomes, WDAC, WMAC, WGSIP role in grand challenges (M. Rixen)

CHFP:

CHFP archive: progress and status (C. Saulo)

CHFP analysis: activity so far (C. Saulo, B. Kirtman, A. Scaife)

Documenting the archive in a peer reviewed study: which data, designation of tasks, CLIVAR Exchanges Special Issue (All)

Evolution of CHFP (C. Saulo and F. Doblas-Reyes)

From the CHFP data server to ESG: the future of public access to predictions (F. Doblas-Reyes)

Linking US NMME to CHFP (B. Kirtman)

10.30-11.00 Coffee break

CHFP Subprojects:

CHFP and the regional level, **RCOFs** (R. K. Kolli)

Ice Historical Forecast Project - (D. Peterson/A. Scaife)

Land surface impacts on seasonal forecasts (H. Douville)

Stratosphere Historical Forecast Project - (A. Butler/A. Scaife)

12:30-13:30 Lunch

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Monday continued....

Other Projects:

WCRP Polar Prediction Project and the links to WCRP's PCPI (T. Jung)

WMO Lead Centre for MME (A. Kumar)

WMO Sub-Seasonal to Seasonal Prediction Project (A. Robertson)

US Seasonal Forecast MME (B. Kirtman)

SPECS and ECOMS: the EU contribution to s2d climate services (F. Doblas-Reyes)

15:30:16:00 Coffee break

Data Assimilation: Data assimilation for initialized climate prediction (B. Kirtman)

Discussion: should we have a coordinated data assimilation activity, links to WGOMD and GSOP? (All, G. Danabasoglu?)

The comparison of operational ocean reanalysis (A. Kumar)

Observing system simulation experiments for the TAO array (A. Kumar)

Applications:

Application of climate forecasts to health (A. Morse)

Applications of global seasonal forecasts (A. Robertson)

Application of climate forecasts for Africa (W. Landman)

WMO's Global Framework on Climate Services and other climate services initiatives (A. Robertson)

18:00 Close

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Tuesday, September 25

09:00 Application of climate forecasts at ICTP (A. Tompkins)

9:15 Review of **Regional Activities** (Report from each group, 10mins + questions)

ICTP, A. Tompkins

ECMWF, T. Stockdale

IRI, A. Robertson

JMA/MRI, T. Yasuda

JAMSTEC, S. Behera

METEOFR, H. Douville

10:30-11:00 Coffee Break

NCEP, A. Kumar

MPI, W. Mueller

ETH, S. Seneviratne

Environment Canada, B. Merryfield

UKMO, A. Scaife

RSMAS, B. Kirtman

12:30:13:30 Lunch

Decadal Prediction:

DCPP report and CMIP5 decadal hindcast analyses (G. Boer)

Decadal Forecast Exchange - D. Smith (A. Scaife)

MIKLIP project (W. Mueller)

Discussion: evolution of decadal predictions - preparation for DAY 3 - **what next?** (All)

15:00-16:00 Coffee Break

Review of action items (B.Kirtman)

Forthcoming events and meetings (e.g. 2nd WCRP Workshop on Seasonal Prediction, WGNE Workshop on Systematic Errors in Weather and Climate Models, GODAE/WGNE Workshop on Short- to Medium- Range Coupled Prediction for Atmosphere-Wave-Sea-Ice-Ocean)

Other issues: eg WGSIP logo, membership: rotations off and new members

Next meeting

18:00 Close

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Wednesday, September 25 - **Joint WGCM-WGSIP Meeting - Decadal Prediction**

09:00 WGCM-WGSIP Joint Meeting on Decadal Prediction

Objectives of the joint session (WGCM and WGSIP co-chairs)

Overview of WGCM (J. Meehl) (20 minutes + 10 minutes Q&A)

Overview of WGSIP (A. Scaife) (20 minutes + 10 minutes Q&A)

Decadal prediction: lessons from CMIP5 experimental design (F. Doblas-Reyes) 10:30-11:00

Coffee Break

Decadal prediction: science highlights and IPCC AR5 (B. Kirtman)

Joint WGSIP/WGCM implications in WCRP Grand Challenges:

GC1: "Provision of skillful future climate information on regional scales (includes decadal and polar predictability)" (G. Meehl, F. Doblas-Reyes)

GC4 : "Clouds and climate sensitivity" (S. Bony)

Ideas for the future (CMIP6 coordinated set of experiments) (inputs from all)

12:30 Lunch

15:00 Meeting Ends