

WELCOME TO THE FIRST PAN-GEWEX WORKSHOP



ASSUMPTIONS:

1. YOU HAVE READ THE BACKGROUND DOCUMENTATION THAT THE PANELS HAVE PUT TOGETHER.
2. YOU ARE HERE BECAUSE YOU HAVE A COMMITMENT TO BUILD GEWEX INTO SOMETHING WHICH IS GREATER THAN THE SUM OF ITS PARTS.

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WHAT WE NEED TO ACHIEVE:

1. WE NEED TO ALIGN OURSELVES MORE FULLY WITH WCRP GOALS.

THE OVERALL OBJECTIVES OF WCRP ARE:

- A) TO DETERMINE THE PREDICTABILITY OF CLIMATE
- B) TO DETERMINE THE EFFECTS OF HUMAN ACTIVITIES ON CLIMATE



Response to COPE5/WCRP STRATEGIC PLAN: Revised GEWEX Phase II Objectives (2003-2012):

- 1) Produce consistent research quality data sets complete with error descriptions of the Earth's energy budget and water cycle and their variability and trends on inter-annual to decadal time scales, and for use in climate system analysis and model development and validation.
(PRIMARY DATA AND ANALYSIS SUPPORT AND KNOWLEDGE GENERATION FOR WCRP OBJECTIVES 1 AND 2)
- 2) Enhance the understanding of how energy and water cycle processes function and quantify their contribution to climate feedbacks.
(KNOWLEDGE GENERATION THAT SUPPORTS WCRP OBJECTIVES 1 AND 2)
- 3) Determine the geographical and seasonal characteristics of the predictability of key water and energy cycle variables over land areas and through collaborations with the wider WCRP community determine the predictability of energy and water cycles on a global basis.
(KNOWLEDGE GENERATION THAT ADDRESSES WCRP GOAL 1 DIRECTLY)

4) Develop better seasonal predictions of water and energy cycle variability through improved parameterisations encapsulating hydrometeorological processes and feedbacks for atmospheric circulation models.

(TOOLS AND PARAMETERIZATIONS THAT ADDRESS WCRP OBJECTIVE 1 AND CONTRIBUTE TO OBJECTIVE 2)

5) Undertake joint activities with operational hydrometeorological services and hydrological research programmes to demonstrate the value of new GEWEX prediction capabilities, data sets and tools for assessing the consequences of climate predictions and global change.

(TOOLS AND KNOWLEDGE THAT ADDRESS WCRP OBJECTIVES 1 AND 2 AND CONTRIBUTE TO THE VISIBILITY OF WCRP AND GEWEX IN OPERATIONAL AGENCIES)

OVERALL ASSESSMENT: NOT BAD

– MAYBE A LITTLE LIGHT IN TERMS OF WCRP OBJECTIVE 2?

2. WE NEED TO COMPLETE THE GEWEX ROADMAP

THE GEWEX ROADMAP NEEDS MORE INPUT FROM SOME PANELS. BEFORE WE LEAVE FRASCATI WE NEED TO UNDERSTAND HOW EACH PANEL'S ACTIVITIES MAP TO THE GEWEX OBJECTIVES AND TO IDENTIFY HOW AND THROUGH WHAT RESEARCH WE WILL CONTRIBUTE TO THESE OBJECTIVES OVER THE NEXT 7 YEARS. (INDIVIDUAL PANEL MEETINGS SHOULD DEVOTE SUFFICIENT TIME TO FLESH OUT SOME CLEAR AND REALIZABLE DELIVERABLES/ MILESTONES.)



IDENTIFY AREAS WHERE
ETHER IN MORE
PARTICULARLY ON

WE NEED TO CLEARLY ADDRESS THE RECOMMENDATIONS AND CONCERNS RAISED BY THE JSC AND WCRP.

ISSUE:

1. GEWEX OVERSIGHT OF CEOP (CEOP PHASE II APPROVED IN PRINCIPLE).
2. GEWEX LEVEL OF ACTIVITY ON PREDICTABILITY AND THE CONTRIBUTIONS OF THE LAND SURFACE.
3. DEVELOPMENT OF STRONGER COLLABORATIVE ACTIVITIES WITH CLIVAR (AND SPARC AND CLIC) AND WITH THORPEX AND WGNE ON MONSOONS
4. THE SPECIFICATION OF CRITERIA FOR MEASURING SUCCESS.
5. STRATEGIES FOR RAISING THE VISIBILITY OF GEWEX (AND WCRP) AND ENSURING THAT AGENCIES WILL REALIZE THE VALUE OF THESE ACTIVITIES (AND ENSURE THEY ARE ADEQUATELY FUNDED).
6. PROVIDE INPUTS TO THE JSC REVIEW OF GEWEX.

WE NEED TO STRENGTHEN THE INTERGATION OF GEWEX
ACTIVIITES AND THE AGENCY COMMITMENT TO THEM:

1. EITHER MOVE FORWARD WITH CROSS-CUTTING
ISSUES OR BURY THEM.
2. BRING TOGETHER GEWEX EXPERTS IN MORE JOINT
(CROSS-PANEL) PROJECTS.

● WE NEED TO ENSURE THAT OUR PAST COMMITMENTS
ARE COMPLETED.

(SOME SPECIFIC ACTION ITEMS FROM THE PAST GEWEX
SSG MEETING STILL NEED ACTION)

ACTION ITEMS FROM SSG-18 DAKAR, SENEGAL:

A. GEWEX:

- A.1. GEWEX Panels will identify existing and potential new links with CLIVAR. An analysis of the results should be completed and presented by Soroosh to the CLIVAR SSG in April 2006.
(**ACTION:** Peter van Oevelen, Toshio Koike, Bill Rossow, Jan Polcher, John Roads) – **UPDATE HERE**
- A.2. Establish a small working group to assess feasibility of a data project that would address issues and needs raised by iLEAPS and GWSP at the SSG meeting. – **UPDATE HERE**
(**ACTION:** Yann Kerr to lead. Other participants: Pavel Kabat, Charles Vorosmarty, Eric Wood, Bill Rossow and Rick Lawford)
- A.3. Finalize the draft GEWEX roadmap and develop an implementation plan based on inputs from the pan-GEWEX meeting. - **COMPLETE HERE**
(**ACTION:** Rick Lawford)
- A.4, A.5. A.6 COMPLETED

ACTION ITEMS FROM SSG-18 DAKAR, SENEGAL:

A. GEWEX:

A.7. Working with CLIVAR, determine a suitable date for a 2nd Pan-WCRP monsoon workshop. - **UPDATE HERE**
(**ACTION:** Tetsuzo Yasunari)

A.8. GHP will take the lead for coordinating monsoon activities within GEWEX. This will require coordination with the leads of monsoon related CSE projects and CEOP (CIMS) to develop a strategy for presentation at the pan-GEWEX meeting. - **REVISIT HERE**
(**ACTION:** John Roads with IGPO and Toshio Koike in consultation with Soroosh Sorooshian)

A.9. **DONE**



ACTION ITEMS FROM SSG-18 DAKAR, SENEGAL:

A. GEWEX:

A.10. Panels will review the comments of GEWEX SSG members made during the executive session at the SSG meeting and act on them appropriately.
(**ACTION:** John Roads, Bill Rossow, Jan Polcher, Toshio Koike)
- UPDATE

A.11. DONE

A.12. If determined that it would be useful, GEWEX will prepare a letter for the Director of WCRP to sign regarding support for the EGPM mission.
(**ACTION:** Peter van Oevelen will explore the utility of such a letter and appropriate routing. IGPO will prepare the draft letter with inputs from appropriate experts.)

STATUS?? – PUT IN LARGER CONTEXT OF CEOS GPM?

BONNE CHANCE!

