

Brief Summary of WISE Meeting at CEOP Workshop, March 3, 2006

The agenda was as follows:

- Introductions
- Present Status
- Focal Point Updates
 - definitions
 - data base
 - WEBS follow-on
 - trends
 - Extremes and CEOP
- Other Updates
- CEOP workshop
- Summary of Actions
- Roundtable
- Next meeting

Participants:

- (HB) Hugo Berbery
- (BB) Ben Burford
- (OC) Ole Christensen
- (JM) Jose Marengo
- (NM) Norm Miller
- (JR) John Roads
- (RS) Ron Stewart
- (SW) Steve Williams

The following is a brief summary of the meeting.

1. RS summarized our progress in connection with WISE. The rest of the meeting systematically went through each of our focal points. Our focal points are:

- Definitions
- Extremes
- Data Base
- WEBS Follow-On for Extremes
- Trends in Extremes
- Extremes within CEOP

2. The rest of these Minutes will identify some of the comments and actions associated with each of these focal points.

3. Definitions: BB reported that he is continuing to collate information and NM suggested that we add streamflow information within our WISE activities.

Action: BB will send updated information on definitions.

4. Data base: Several data bases of precipitation were mentioned at the CEOP workshop. This includes 50 year, 1 degree daily information. BB will contact Phil Arkin about such datasets.

OC mentioned that several datasets were produced within Prudence. SW reported that he and his group will continue to submit the extremes "inventories" from the Associated Press Earthweek database; this has already started.

Action: Everyone will continue to add new datasets.

5. WEBS Follow-On: Phil Arkin has offered to provide his high resolution information to the overall dataset. Kit Szeto continues to update the overall information on the first case study.

Action: KS (kit.szeto@ec.gc.ca) will continue to update plans for this 'case study' and others should contact him if they want to participate.

6. Trends: The focus is on past as well as future trends in extremes. One new dataset to consider is NARCAP with 25 km resolution of future conditions. As well, it was pointed out that we need to go beyond precipitation.

Action: The group will continue to update information on trends.

7. Extremes and CEOP: BB is continuing to develop his mathematical model of extremes and he intends to apply this to the occurrence of extremes during the CEOP period and this will also lead to examining the characteristics of these extremes, their inter-connections, as well as their impacts.

Action: BB and RS will continue to update the group on this effort.

8. WISE at the CEOP workshop

We collectively had a substantial impact on this CEOP workshop. For example, we gave several talks including:

Ron Stewart: Overview

Hugo Berbery: La Plata region extremes

Jose Marengo: Amzonia extremes

Ben Burford: Extremes including those during CEOP

Ron Stewart and Kit Szeto: Canadian drought

Eric Wood: Predicting drought

9. Roundtable:

NM emphasized the importance of other extremes. This includes high winds, extreme temperatures, soil moisture, etc. Others mentioned that there are numerous extremes that we could study but we need to initially concentrate on a few. We have been concentrating on droughts and long-lasting precipitation as a start. We also know that WCRP is also addressing the issue of extremes and we need to, to some extent, also find out what other activities are on the way.

10. New actions

We will aim to have a break-out session at the October 2006 pan-GEWEX meeting and we will continue to push ahead.