

Minutes of the WBC ocean-atmosphere interaction CLIVAR WG meeting. December 14, 2006.

Attending: Kathie Kelly, Mike Alexander, Bo Qiu and Meghan Cronin

While attending the 2006 AGU Fall Meeting in San Francisco, a group of the newly-formed CLIVAR Working Group (WG) members met together on December 14, and discussed activities and logistics related to the WG. The following summarizes the main outcome of the meeting:

1. We agree with the comment from the US CLIVAR IAG that the focus of this WG is on ocean-atmosphere coupling in the western boundary current (WBC) regions of the world ocean. As such, we decided to modify the title of the WG to "Western Boundary Current Ocean-Atmosphere Interaction", replacing the original title, "Extratropical Ocean-Atmosphere Interaction".
2. Following the suggestion of the US CLIVAR IAG and our assessment of the present membership, we agreed to include Dr. Shiling Peng of CIRES as an additional member of the WG. With the inclusion of Dr. Peng, there are 12 members in our WG now.
3. Given the lifespan of the WG, we feel that an early science meeting with all WG members is desirable. With the constraint in travel funds, we decided a good opportunity for the science meeting is to add it to the upcoming US CLIVAR Summit 2007 in Annapolis, MD, on July 23-25. We need to contact the US CLIVAR office and work out the detailed logistics of the meeting.
4. During the meeting, we considered several science topics, including the dynamic similarity/dissimilarity of the Gulf Stream versus Kuroshio Extension systems, the importance of the geostrophic heat convergence, and the vertical extent over which SST anomalies impact the overlying atmosphere. It is suggested that we should come up with a list of topics pertinent to this WG prior to the science meeting and identify WG members to review/recommend lines of actions.
5. Ultimately, the WG hopes to open the science discussion and investigation to the broader CLIVAR community. To this end, the WG envisions organizing a focused symposium (the AGU Chapman Workshop will be a good candidate) in 2008. We also talked about a possible BAMS article or a monograph from the symposium.