

## **Hurricane Working Group**

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The primary objective of this working group is to coordinate efforts to produce a set of model experiments designed to improve our understanding of the variability of tropical cyclone formation in climate models. Through the design and coordination of simple, common experiments, the Working Group (WG) facilitates the involvement of U.S. researchers and international partners in a process leads to improved understanding of interannual and interdecadal tropical cyclone variability.

In order to achieve these goals, the Hurricane WG holds bi-monthly teleconferences among its members. There has been substantial interest from modeling groups across the world in this project and many joined the WG after it was officially formed. These additional groups are contributing with model data to the WG effort.

The first WG workshop was held in New Orleans, LA following the AMS annual meeting in January. It was very useful to have the WG members spending time together sharing information. In this first meeting, the modeling groups presented their model TC activity and common diagnostics and analysis were extensively discussed. Furthermore, WG papers (including all members) and a WG special issue were planned. Currently, a paper to be submitted to BAMS with the WG description, objectives and first results is being written by Gabriel Vecchi and Suzana Camargo.

Journal of Climate approved the creation of a special issue of papers that will be tagged as "Hurricanes Working Group". A paper by James Elsner group is ready to be submitted to this special issue. Approximately 15 WG papers will probably be submitted to this special issue.

One of the main issues that the WG had to deal with is the storage and distribution of the model data among the WG members. Lamont-Doherty Earth Observatory of Columbia University has graciously offered to host the model data to be shared among the group members. It is not clear yet if Lamont will be able to host this dataset once it is opened to the scientific community due to the heavy data traffic expected.

A 2<sup>nd</sup> workshop is planned to the spring of 2013. A final BAMS paper is also planned, in which the main results of the WG will be summarized.