**JCSDA Workshop - May 13-15, 2012 College Park, MD**

Last week, we attended the JCSDA workshop sponsored by NIST and NSF, in College Park, Maryland. About 60 participants from US universities and ….

were in attendance.

* + The workshop consisted of about 40 short talks and 15 poster presentations; Ocean data assimilation, CRTM, cloud/precip DA, aerosols, OSSE

Some Highlights, especially with interest to AOML/HRD;

* Isaac Moradi meeting
* Narges Shahroudi
* Jack Woolen
* Sean Casey
* Ricardo Todling
* Sid Boukabara and Kevin Garrett
* 40 talks, 15 posters

1- $3.5 million for wind hazard (FY 2012 funding).

2- In the breakout sessions I presented the following concepts (strength of HRD); .

 a) Better understanding what we can actually measure

 b) Determine if we can predict the mean hurricane wind with skill by using actual measurements of the mean wind to validate NWP models

 c) Apply observation-based statistics to estimate the type of quantities the engineers need from that mean wind quantity and other metrics (e.g. peak 3s gust), and what NHC needs (e.g. max 1 min sust. wind speed), and information for assessing the destructive potential (IKE).

 d) Accurate assessments of the extreme wind climatology as well as the monitoring and real time predictions that can be used to respond to disasters.

 e) Develop a database, that contains the max 1 min sustained wind speed, peak 3 second gust based on historical storms.

This was well received and supported by a lot folks there, and made it to the summary reports in one form or another.

A final report will be distributed to all participants in the coming months and I expect that HRD will have a strong interest in its content.