

## 4<sup>th</sup> Annual Climate Test Bed Science Advisory Board Meeting September 11-12, 2008

Earth System Science Interdisciplinary Center (ESSIC)  
University of Maryland  
4<sup>th</sup> Floor Conference Room  
M-Square Office Building #950  
5825 University Research Court  
College Park, MD 20740

| Thursday, September 11, 2008 |   |   |                        |
|------------------------------|---|---|------------------------|
| <b>8:00-8:30</b>             | <b>Breakfast / Registration</b>               |   |                        |
| <b>8:30-8:50</b>             | CPC Director Welcome                          | Wayne Higgins   |                        |
| <b>8:50-9:20</b>             | NCEP Director Welcome                         | Louis Uccellini   |                        |
| <b>9:20-9:45</b>             | CTB Yesterday, Today, Tomorrow                | Fiona Horsfall  |                        |
| <b>9:45-10:30</b>            | <b>Projects: Progress and Accomplishments</b> |   |                        |
|                              | 9:45  | FY06 Projects (15 mins)<br><a href="#">The Empirically Corrected CFS</a>  | Tim DelSole            |
|                              | 10:00   | FY06 Projects (15 mins)<br>Development of neural network emulations of model radiation for improving the computational performance of the NCEP seasonal forecasts and climate simulations | Michael Fox-Rabinovitz |
|                              | 10:15   | FY06 Projects (15 mins)<br>The upper tropical Pacific variation during the 2007-2008 ENSO based on a new gridded dataset and GODAS (McPhaden PI)  | Yan Xue                |
| <b>10:30-10:45</b>           | <b>Break / Refreshments</b>                   |   |                        |
| <b>10:45-12:05</b>           | <b>Projects continued</b>                     |   |                        |
|                              | 10:45   | FY07 Project (15 mins)<br><a href="#">System-wide Advancement of User Centric Climate Forecast Products</a>   | Holly Hartmann         |
|                              | 11:00   | FY08 Projects (10 mins)<br>Development of an extended and long-range precipitation prediction system over the Pacific Islands   | H. Annamalai           |
|                              | 11:10   | FY08 Projects (10 mins)<br><a href="#">Probabilistic Forecasts of Extreme Events using the Climate Forecast System (Jones PI)</a>   | Jon Gottschalck        |
|                              | 11:20   | FY08 Projects (15 mins)<br><a href="#">Multi-Model Ensemble Seasonal Prediction with CFS and CCSM</a>   | Ben Kirtman            |
|                              | 11:35   | FY08 Projects (10 mins)<br><a href="#">Long-Term Retrospective Forecasts with CFS: Predictability of ENSO and Drought (Cane PI)</a>   | Dake Chen              |
|                              | 11:45   | FY08 (10 mins)<br><a href="#">Enabling the Transition of CPC Products to GIS Format</a>   | Brian Doty             |

|                                   |   |   |                                |
|-----------------------------------|---|---|--------------------------------|
| <b>11:55-1:10</b>                 | <b>Lunch (provided)</b>   |   |                                |
| <b>1:10-1:30</b>                  | <b>New Projects</b>   |   |                                |
|                                   | 1:10  | FY09 (FY08 approved) Goddard PI (5 mins)  | Malaquias Pena Mendez          |
|                                   | 1:15  | FY09 (FY08 approved) Schubert (5 mins)  | Siegfried Schubert             |
|                                   | 1:20  | Status of FY09 Proposals  | Chet Ropelewski                |
| <b>1:30-2:45</b>                  | <b>Internal Activities</b>  |   |                                |
|                                   | 1:30  | CFS Test and Evaluation (15 mins)<br>Report on the 2008 CTB internal experiments  | Jae Schemm, S. Moorthi         |
|                                   | 1:45  | CFS Ocean Modeling (15 mins)<br>Global Ocean Data Assimilation (GODAS) at NCEP  | David Behringer                |
|                                   | 2:00  | CFS Land Modeling (15 mins)<br>Impact of Different Land Models and Different Initial Land States on CFS Summer and Winter Reforecasts | Ken Mitchell                   |
|                                   | 2:15  | NIDIS activities. (15 mins)<br>Operational monitoring and prediction tools  | Kingtse Mo                     |
|                                   | 2:30  | GIS/NCDC (15 mins)<br>An Update of the NOAA/Climate Prediction Center (CPC) GIS Project   | Viviane Silva                  |
| <b>2:45-3:00</b>                  | <b>Break / Refreshments</b>   |   |                                |
| <b>3:00-4:00</b>                  | <b>Internal Activities / Science Plans</b>                                    |   |                                |
|                                   | 3:00  | Summary of CTB Seminar Series (15 mins)   | Jiayu Zhou                     |
|                                   | 3:15  | Science Plans: Products (45 mins)   | Ed O'Lenic                     |
| <b>4:00-5:30</b>                  | Executive Session   |   | SAB members only               |
| <b>Friday, September 12, 2008</b> |   |   |                                |
| <b>8:00-8:30</b>                  | <b>Breakfast</b>  |   |                                |
| <b>8:30-8:45</b>                  | <b>Discussion</b>   |   |                                |
| <b>8:45-10:00</b>                 | <b>Science Plans</b>  |   |                                |
|                                   | 8:45  | Science Plans: CFS Model Improvements and Evaluation (45 mins)  | Hua-Lu Pan                     |
|                                   | 9:30  | Update on prospectus for IMME (30 mins)   | Steve Lord / Huug van den Dool |
| <b>10:00-10:15</b>                | <b>Break / Refreshments</b>   |   |                                |
| <b>10:15-12:00</b>                | <b>Science Plans cont'd</b>   |   |                                |
|                                   | 10:15   | Science Plans: MME (45 mins)  | Suru Saha                      |
|                                   | 11:00   | Science Plan Discussion   |                                |
| <b>12:00-2:00</b>                 | <b>Lunch (provided) in common areas / Executive Session (in meeting room)</b> |   |                                |
| <b>2:00-3:00</b>                  | SAB Report Out  |   |                                |
| <b>3:00</b>                       | <b>Adjourn</b>  |   |                                |