

How Do We Improve Earth System Models: Integrating Earth System Models, Ecosystem Models, Experiments and Long-Term Data

February 28 – March 3, 2011

Captiva Island, Florida

DRAFT meeting schedule

Monday, February 28th

6:00 Welcome Reception (by the pool)

7:00 Dinner (by the pool)

Tuesday, March 1

7:00 Breakfast

8:15 Welcome/Introductions/Meeting Logistics (J. Dukes)

8:30 Challenge Talk: How Do We Improve Earth System Models: Integrating Earth System Models, Ecosystem Models, Experiments and Long-Term Observations? (Peter Reich)

Topic 1: NUTRIENT LIMITATION

9:00 Overview (Yiqi Luo)

9:30 Observational Perspective (Cory Cleveland)

10:00 Break

10:30 Experimental Perspective (Bridget Emmett)

11:00 Ecosystem model (Ed Rastetter)

11:30 ESM (Peter Thornton)

12:00 Lunch

1:30 Discussion

2:30 Stretch/Coffee Break

Topic 2: WATER DYNAMICS

2:45 Overview (Rob Jackson)

3:15 ESM (Gordon Bonan)

3:45 Ecosystem model (Christina Tague)

4:15 Observational Perspective (Marcelo Sternberg)

4:45 Experimental Perspective (Alan Knapp)

5:15 Discussion

- 6:15 Free Time/informal posters
- 7:15 Dinner
- 8:30 Discussion “How can INTERFACE best reach its goals?”

Wednesday, March 2

- 7:00 Breakfast
- 8:25 Day 2 preview (J. Dukes)
- Topic 3: CARBON DYNAMICS
- 8:30 Overview (Jim Randerson)
- 9:00 Empirical Perspective (Margaret Torn)
- 9:30 Experimental Perspective (Mark Tjoelker)
- 10:00 Break
- 10:30 Ecosystem model (Sarah Davis)
- 11:00 ESM (Peter Cox)
- 11:30 Discussion
- 12:00 Lunch
- 1:00 Intro to poster session (1-slide, ~1-2-minute intros on all posters)
- 2:00 Poster Session
- 4:00 The charge for INTERFACE: What can models do better? How? What gaps in data or knowledge exist? How can we fill them?
- 4:15 Small Group Discussions to address the charge
- 6:00 Free Time
- 7:00 Dinner
- 8:30 Drinks on the beach (gulf side, across the street from the hotel)

Thursday, March 3

- 7:00 Breakfast
- 8:30 Brief report out from groups: Early message, questions / brief discussion
- 9:00 Small Group Discussions (outline development, delegation of writing)
- 10:30 Break
- 11:00 Plenary – Group Reports/Future Directions/Writing Plans/Etc
- 12:30 Lunch