Advisory Committee for Environmental Research and Education (AC ERE)

Sept. 23, 24, 2014

NSF Room 1235, 4201 Wilson Boulevard, Arlington, VA 22230

Agenda – Day 1

Tues., Sept. 23, 2014

8:30 – 9:00 AM Light Refreshments

9:00 – 9:30 AM Welcoming remarks Dr. Bruce Logan (Chair, AC ERE)

Dr. David Skole (Incoming Chair)

Dr. John Wingfield (AD BIO)

9:30 – 9:45 The Role of the AC ERE Dr. Linda Deegan

9:45 – 10:15 AM SEES update - Beth Zelenski

10:15 – 10:30 AM BREAK (15 Min)

10:30 – 11:15 AM Accelerating Diversity – Stephanie Pfirman Working Group Report

11:15 – 12:00 PM Broader Impacts Activities & Update – Dr. Wanda Ward

(NSF, Office of International and Integrative Activities)

12:00 – 12:30 PM Break/Pick up Lunch

12:30 – 1:00 PM Lunch Speaker - Environmental implications of Synthetic Biology

Todd Kuiken - Woodrow Wilson Center

1:00 – 1:15 PM Discussion with speaker

1:15 – 2:45 PM Food Systems – David Blockstein Working Group Report

2:45 – 3:30 PM Development of Decadal Vision Dr. Skole

Potential topics based on prior discussions -

* Future Integrated Environmental Research Directions Discussion
* Leveraging investments in Earth Observing systems (NEON, OOI, CZO’s) to address environmental challenges of human systems intersecting with natural systems over large-scale time and space scales.
* Food Systems
* Investing in Environmental Science to accelerate Diversity in STEM

3:30 – 4:00 PM BREAK

Preparation for Meeting with NSF Director and Senior Leadership

4:00 – 5:00 PM Open Discussion with NSF Assistant Directors

Adjourn

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Agenda – Day 2

Weds, Sept. 24, 2014

8:30 – 9:00 AM Light Refreshments

9:00 – 10:00 AM Open Discussion with NSF Director France Córdova (*confirmed*)

10:00 – 10:15 AM BREAK (15 Min)

10:15 – 12:00 PM Development of Decadal Vision (Continued) - Dr. Skole

Approach for development and subgroup assignments.

Target date for draft – March 2015 Meeting

12:00 – 1:00 PM Lunch – New AC Members Highlight Research Areas

Dr. Andres Clarens, AC Engineering.

Dr. Scott Doney, AC Geosciences.

Dr. Charles Lee Isbell, Jr., AC Computer and Information Science and Engineering.

Dr. Michelle Buchanan, Mathematical and Physical Sciences

1:00 – 2:00PM Committee Business and Meeting Wrap-up Dr. Logan & Dr. Skole

Development of Decadal Vision - Summary of the development plan

AC ERE Management Updates

Leadership: Dr. David Skole, Chair

NSF ERE Working Group update

Membership Discussion: Expertise of Ad hoc members to match future topics? Should they be people actively writing proposals? Suggestions for new Adhoc members.

Next meeting: Proposed March 25/26, 2015

2:00 PM Meeting Adjourned