

**AAAS Review Panel Site Visit Agenda: November 16-18, 2014 in Laramie, Wyoming
Utah-Wyoming EPSCoR RII Track-2 CI-WATER Collaborative Project**

With additional details

Beth's cell: 307-745-4051

Lodging: Hilton Garden Inn, 2229 Grand Avenue, 307-745-5500. Rooms are reserved under your names. You have the "bed and breakfast" option, which means you can eat breakfast in their restaurant (if you choose). If you prefer not to have the b-and-b option, let me know and I can cancel that for you. Coal Creek Coffee is also located in the plaza right next to the Hilton.

Sunday evening, November 16th:

Location: Corona Village, 513 Boswell Drive

6:30 pm: Introductory Dinner: AAAS Panel and UT-WY CI-Water project leadership

Monday, November 17th:

Location: University of Wyoming Student Union, West Ballroom 220A.

8:00 am: Coffee, tea, breakfast snacks.

8:30 am: Welcome (Bill Gern, Vice President of Research)

- Overview of project (Norm Jones, BYU - PI)

9:00 am: Team 1 report (Cyberinfrastructure Facilities)

- Mt. Moran and Yellowstone (Bryan Shader, UWYO)
- Supercomputer facilities (Fred Ogden, UWYO)
- Data serving facilities (Steve Corbato, UU; David Tarboton, USU)

10:00 am: Break

Breakfast snacks, continued.

10:15 am: Team 2 report (Access to Data and Computationally-Intensive Modeling)

- Enhancing access to data for HPC and data sharing infrastructure (David Tarboton, USU) (30 min)
- Cyberinfrastructure for Cloud-Based Modeling (Norm Jones, BYU - PI) (30 min)
- Climate Modeling, Data Access, and Urban Water System Modeling (Steve Burian, UU) (30 min)
- Web access for HPC scenario modeling and visualization (Norm Jones, BYU, 15 min)

12:00 pm: Lunch

Lunch will be served at the Union.

1:00 pm: Team 3 report (High-Res Multi-Physics Watershed Modeling)

- Watershed Modeling (Fred Ogden, UWYO; Bob Steinke, UWYO)

2:15 pm Interface with Wyoming EPSCoR RII Track 1 project (Brent Ewers, Wyoming EPSCoR Director; Scott Miller, WyCEHG co-I)

3:00 pm Break

Snacks and drinks provided.

3:15 Team 4 report (STEM Learning and Water Science Engagement)

- STEM education and outreach overview (Laura Hunter, Beth Cable)
- Hydroinformatics class

- REU and ADHydro short course, summer 2015

4:30 – 5:30 pm: **3-D Cave Visualization Demonstration**

6:30-7:00 pm: **Final interviews with CI-Water PIs** (Norm Jones and Fred Ogden)

7:00-9:00 pm: **Working dinner - AAAS Panel**

Location: Jeffrey's Bistro, 123 East Ivinson Avenue

Tuesday, November 18th:

Location: University of Wyoming Student Union, West Ballroom 220A and NCAR-Wyoming Supercomputer Center (Cheyenne, Wyoming).

Please wear flat, close-toed shoes, long pants and preferable long sleeves.

7:30 am: **Depart for Cheyenne.** *Meet in parking lot of Hilton to carpool.*

8:15-9:15 am: **Tour of NCAR-Wyoming Supercomputer Center**

9:15-10:00 am: **Return to Laramie**

10:15-11:15 am: **AAAS Panel executive session**

11:15-12:45 pm: **AAAS Panel debriefing** to UT-WY CI-Water leadership

- Panel presentation of *preliminary* findings and recommendations (steering committee)
- *Full AAAS review report* to be delivered within 1 month of the site visit

For ease, “master” boxed lunches will be available beginning at noon.

1:00 pm: **Adjourn**

AAAS Panel:

Dr. Marty Humphrey: Associate Professor, Computer Science, University of Virginia

Dr. Hoshin Gupta: Professor, Hydrology and Water Resources, University of Arizona

Dr. Soroosh Sorooshian: Distinguished Professor, Civil and Environmental Engineering and Earth System Science; Director, Center for Hydrometeorology and Remote Sensing, University of California Irvine

Dr. Heather McInnis (AAAS Contact): Senior Program Associate, AAAS Research Competitiveness Program

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