

# SBR SFA All Staff Meeting

October 6-7, 2015  
Pacific Northwest National Laboratory  
Biological Sciences Facility (BSF); 3300 Stevens Drive, Richland, WA

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## AGENDA

### Tuesday, October 6 ~ BSF/CSF Lobby:

- 3:15 – 3:45pm Badging (ETB/1113)
- 4:00 – 6:30 **SBR SFA Poster Session**
- 6:45 – 8:15pm **No-Host Dinner** (*Family Garden Restaurant*)

### Wednesday, October 7 ~ Darwin Room (1007):

#### ***Morning Session: Identify Key Scientific Accomplishments and Near-Term (FY16) Plans***

**Goal:** *Target high impact and supporting GWSIZ publications for completion in FY16 to position the SFA for successful renewal in FY17*

- 8:00 – 8:30am Registration (*coffee/refreshments*)
- 8:30 – 9:00 **SFA Overview** (*John Zachara, Jim Fredrickson & Tim Scheibe*)
- 9:00 – 9:45 **Task 1:** Reach Scale Behavior (*Maoyi Huang*)
- 9:45 – 10:30 **Task 2:** Subsurface Interaction Zone Processes at Local Scale (*James Stegen*)
- 10:30 – 11:15 **Task 3:** Fine Scale Biogeochemical Processes (*Chongxuan Liu*)
- 11:15 – 12:00pm **Task 4:** Multiscale Science and Modeling (*Tim Scheibe*)
- 12:00 – 1:30 *Lunch (on your own)*
- 1:30 – 2:00 **Task 5:** Data Assimilation (*Xingyuan Chen*)

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## Guidance for task talks (30 min)

- Introduce task staff
- Focus/objectives of FY15 research
- Key FY15 findings and accomplishments
- Potential new elements or opportunities
- Focus/objectives of proposed FY16 research
- Proposed FY 16 milestones

## ***Afternoon Session: Improve SFA Science and Plan for the Future***

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|-------------|--|
| 2:00 – 3:00 | <b>Discussion Period 1</b> ( <i>Xingyuan Chen and Chongxuan Liu to moderate</i> ) – Collaborations between modeling and experiments across scales, including hierarchical facies concepts and motivating cross-scale science questions.  |
| 3:00 - 4:00 | <b>Discussion Period 2</b> ( <i>James Stegen and Jim Fredrickson to moderate</i> ) – Field site considerations (infrastructure, measurements/monitoring N <sub>2</sub> O, CH <sub>4</sub> ; flux towers; and polyphosphate infiltration implications/opportunities) including the linkages of field measurements to various modeling activities. |
| 4:00 – 5:00 | <b>Discussion Period 3</b> ( <i>Tim Scheibe and John Zachara to moderate</i> ) – Targeted scientific status for next research plan (Feb 2017).   |
| 5:00        | Adjourn  |