

**Safe and Sustainable Water Resources  
Board of Scientific Counselors Subcommittee Meeting**

August 24 – 25, 2016  
Hyatt Regency Cincinnati (Bluegrass and Buckeye)  
151 West Fifth Street  
Cincinnati, OH 45202

**Meeting Agenda Narrative**

The August 24-25, 2016, meeting of the Safe and Sustainable Water Resources (SSWR) Board of Scientific Counselors (BOSC) Subcommittee will primarily focus on the SSWR's Water Systems topic. The meeting is being held in conjunction with the 13<sup>th</sup> Annual U.S. EPA Drinking Water Workshop, Small Drinking Water Systems: Challenges and Solutions (Small Systems Workshop) to provide the Subcommittee with the opportunity to interact with ORD scientists working on drinking water, wastewater and water reuse.

**MEETING OBJECTIVES**

- **Preparation for the January 11-13, 2017 BOSC Executive Committee meeting in RTP, NC.**  
Advice in the form of comments and recommendations from the BOSC are transmitted to ORD in the form of letters or reports, which are submitted to ORD through the BOSC Executive Committee. During January 11-13, 2017, the BOSC Executive Committee will deliberate on the products of each of the ORD Subcommittees, and finalize a report to be delivered to the ORD Assistant Administrator. In addition, the Executive Committee will discuss ORD-wide social science, performance metrics and the Roadmaps. The SSWR BOSC Subcommittee members expected to attend the Executive Committee meeting include Joseph Rodricks, Shahid Chaudhry and James Galloway.
  
- **Subcommittee Report on SSWR Water Systems' Charge Questions**  
Historically, the BOSC has written reports in response to conducting in-depth reviews (evaluations) of ORD's research programs, and has followed-up on these reviews with an evaluation of the progress ORD made in implementing the BOSC's recommendations. For purposes of BOSC reports, a distinction is made between comments and recommendations. Comments are more general in nature and are used to communicate a point or idea, whereas recommendations are more specific and rise to a higher level of importance for ORD action/implementation.

The August 24-25, 2016, meeting of the SSWR BOSC Subcommittee will provide in-depth information on one of SSWR's four research topics—Water Systems. Future meetings will address the other three SSWR topic areas: Watershed Sustainability, Nutrients and Harmful Algal Blooms, and Green Infrastructure.

The exchange of information between the BOSC Subcommittee and the SSWR staff and researchers is intended to support the Subcommittee in its evaluation of the water systems research program. The purpose of the evaluation is to provide comments and recommendations on the following two charge questions for the Subcommittee's report, which will be submitted to the BOSC Executive Committee for the January 11-13, 2017 meeting.

## Water Systems' Charge Questions.

1. Are we doing the right research? Taking resource limitations into consideration, are there any additional research needs that warrant new investment or current research that merits expansion, and are there areas of research that SSWR may consider disinvesting in?
2. Are we doing the right research at the right time? Comment on the balance of near, current and long-term research objectives.

## MEETING AGENDA DETAILS

- **Overview and Deep Dive into Water Systems' Projects**

The SSWR Water Systems topic is comprised of the following three projects, and related extramural NCER STAR and National Priorities Water System grants.

- Project 1: Current Systems and Regulatory Support
- Project 2: Next Steps – Technology Advancements
- Project 3: Transformative Approaches and Technologies for Water Systems

The meeting agenda includes detailed presentations by the Topic/Project/Task leads of ongoing and planned research for each of the three projects with time for discussion. The agenda also includes an overview of the NCER STAR and National Priorities Water System grants and, during the Small Systems Workshop, a more in-depth update on the SSWR-funded Water Innovation Network for Sustainable Small Systems (WINSSS) and the Design of Risk Reducing, Innovative Implementable Small Systems Knowledge (DeRISK) Drinking Water Centers and cooperative agreements that are managed through NCER. During the Small Systems Workshop, there is also an SSWR poster and 'ask-the-expert' session for the Subcommittee to interact with SSWR water system researchers.

Materials that will be provided to the Subcommittee in advance of the meeting:

- Hardcopies and posted to BOSC Subcommittee website
  - Meeting agenda
  - Small Systems Workshop agenda
  - Fact Sheets: Water Systems research overview, small systems, and drought research
  - FY16 list of publications
  - List of publicly available presentations and monthly SSWR and Small System webinars for the Water Systems topic (copies of the presentations will be made available upon request)
  - Project posters
  - Final SSWR FY 2016-2019 Strategic Research Action Plan
  - 2015 BOSC Report
- Posted to BOSC Subcommittee website (by August 12, 2016)
  - PowerPoint presentations of each of the three water systems projects
  - Three FY16 Product posters and SSWR affiliated Small System Workshop posters
  - Listing of Water Systems topic products in FY2015 and FY2016
  - EPA Response to BOSC report (pending EPA-ORD management approval)

- **Partner Input: EPA Office of Water and Regions**

*The partner contribution to the agenda can either be through the individual Project time block, or as a separate time block as currently shown on agenda.*

- **BOSC Report**

General discussion on the Subcommittee's report and ORD's response, address any areas that would benefit from additional clarification, updates on report after this in-depth review of the Water Systems topic.

- **Committee Membership, Next Subcommittee Meeting, January BOSC EC Meeting**

- New members: James Galloway
- Additional expertise needed?

Materials that will be provided to the Subcommittee in advance of the meeting.

- BIOS of new / pending members and roster with expertise of current members