

**Board of Scientific Counselors Homeland Security Subcommittee  
Draft Meeting Agenda, Research Triangle Park, NC December 12-14, 2018**

Wednesday, December 12, 2018 EPA-RTP Main Building Room D101			
Time	Topic	Presenter	Description
8:00	Registration		
8:30	BOSC Introduction 8:30	Tom Tracy, EPA Designated Federal Official Bruce Rodan, ORD DAA for Science Paula Olsiewski, Chair Lance Brooks, Vice-Chair	<ul style="list-style-type: none"> <li>• Introductions of the Subcommittee and EPA participants</li> <li>• BOSC and FACA rules review</li> <li>• Logistics</li> <li>• Agenda</li> </ul>
8:50	HS Research Program Foundation and Purpose	Greg Sayles	<ul style="list-style-type: none"> <li>• HS research priorities supporting EPA Strategic Plan</li> <li>• EPA HS roles/responsibilities</li> <li>• Coordination with EPA and with federal, state, and local customers</li> <li>• Scenario examples</li> </ul>
9:30	Review Charge Questions	Romy Campisano	Review and clarification of charge questions
9:50	Break		
10:00	HS Research Program Design	Shawn Ryan	<ul style="list-style-type: none"> <li>• Customer engagement and customer-driven research</li> <li>• Program organization</li> <li>• General research approach</li> </ul>
10:20	<b>Research Area Overview:</b> Contaminant, Fate, Transport and Exposure	Paul Lemieux	<ul style="list-style-type: none"> <li>• Summary of research needs</li> <li>• General research planned to meet needs, including expertise involved, specialized facilities/equipment used, and novel/innovative methods developed</li> <li>• Research example(s)</li> </ul>
10:40	Travel to EPA Fluid Modelling Facility		
10:50	Research Area Demo	Paul Lemieux Tim Boe Anne Mikelonis	<ul style="list-style-type: none"> <li>• 3D city for fate/transport and visualization</li> <li>• Rainfall simulator and field work at Edison</li> </ul>

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11:40	Travel to EPA Main Campus		
12:00	Lunch Break		
12:45	<b>Research Area Overview:</b> Contaminant Detection/Environmental Sampling and Analysis	Sarah Taft	<ul style="list-style-type: none"> <li>• Summary of research needs</li> <li>• General research planned to meet needs, including expertise involved, specialized facilities/equipment used, and novel/innovative methods developed</li> <li>• Research example(s)</li> </ul>
13:00	Travel to Aerosol Test Facility		
13:15	Research Area Demo	Sang Don Lee Worth Calfee John Archer Vince Gallardo	<ul style="list-style-type: none"> <li>• Innovative sampling approaches</li> <li>• Application to wide area response</li> <li>• Activity-based air sampling</li> <li>• Water sampling and processing</li> </ul>
14:00	Break		
14:15	<b>Research Area Overview:</b> Wide Area Decontamination	Sang Don Lee	<ul style="list-style-type: none"> <li>• Summary of research needs</li> <li>• General research planned to meet needs, including expertise involved, specialized facilities/equipment used, and novel/innovative methods developed</li> <li>• Research example(s)</li> </ul>
14:30	Travel to High Bay		
14:45	Research Area Demo	Sang Don Lee Lukas Oudejans Joe Wood Worth Calfee	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Bench-scale decontamination testing</li> <li>• Bench to pilot scale decontamination testing</li> <li>• Application to wide area decontamination</li> </ul>
15:15	Travel to Conference Room		
15:30	Daily Wrap-up/Questions		
16:00	BOSC Subcommittee work time		

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Time	Topic	Presenter	Description
8:30	Questions from Day 1 (move to 830)		
9:00	<b>Research Area Overview:</b> Water Treatment and Infrastructure Decontamination	Kelly Dipolt	<ul style="list-style-type: none"> <li>• Summary of research needs</li> <li>• General research planned to meet needs, including expertise involved, specialized facilities/equipment used, and novel/innovative methods developed</li> <li>• Research example(s)</li> </ul>
9:15	Research Area Demo: <i>Water Security Test Bed Video</i>	Jeff Szabo	EPA's Water Security Test Bed, full-scale studies of contaminated water infrastructure and treatment.
9:45	<b>Research Area Overview:</b> Oil Spill Research	Robyn Conmy	<ul style="list-style-type: none"> <li>• Summary of research needs</li> <li>• General research planned to meet needs, including expertise involved, specialized facilities/equipment used, and novel/innovative methods developed</li> <li>• Research example(s)</li> </ul>
10:30	Break		
10:45	<b>Research Area Overview:</b> Waste Management	Emily Snyder	<ul style="list-style-type: none"> <li>• Summary of research needs</li> <li>• General research planned to meet needs, including expertise involved, specialized facilities/equipment used, and novel/innovative methods developed</li> <li>• Research example(s)</li> </ul>
11:15	Research Area Demo: On-Site Water Treatment Cart	Jim Goodrich	
11:30	Future Field-Scale Study and Demonstration (AnCOR)	Shawn Ryan	
11:45	Lunch		
12:30	<b>Research Area Overview:</b> Introduction to Tools	Kelly Dipolt	<ul style="list-style-type: none"> <li>• Summary of research needs</li> <li>• Explanation of Tools Demonstration</li> </ul>
12:45	Tools Demonstrations EPA-RTP Rooms C-500A and C-500C	Paul Lemieux Tim Boe Sarah Taft Jim Goodrich	<ul style="list-style-type: none"> <li>• WEST</li> <li>• RADAR</li> <li>• ESAM</li> <li>• River Spill Tool</li> </ul>

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13:45	<b>Research Area Overview:</b> Future of Systems-Based Decision Support Tools	Kelly Dipolt	Systems-approach to decision support tool development
14:15	Break		
14:30	BOSC Subcommittee work time		
16:30	Daily Wrap-up/Questions		

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<b>Friday, December 14, 2018 EPA-RTP Main Building Room D101</b>			
<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Description</b>
8:30	Anticipated Accomplishments	Shawn Ryan	Highlight anticipated accomplishments
9:00	Public Comment	Tom Tracy	
9:15	Wrap-up/Questions	Tom Tracy	
9:30	BOSC Subcommittee work time		
11:30	Follow-up Question Session	Greg Sayles Shawn Ryan	
12:00	Adjourn		