

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

<b>Wednesday, December 12, 2018</b> <b>EPA-RTP Main Building Room D101</b>			
<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Description</b>
8:00	BOSC Introduction	Tom Tracy, EPA Designated Federal Official 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>
8:20	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 overview to be used as context for rest of agenda</li> </ul>
9:00	Review Charge Questions	Romy Campisano	Review and clarification of charge questions
9:20	Break		
9:40	HS Research Program Design	Shawn Ryan	<ul style="list-style-type: none"> <li>• Customer engagement and solution-driven research (translational science)</li> <li>• Program organization</li> </ul>
10:00	<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>
10:15	Travel to EPA Fluid Modelling Facility		
10:30	Research Area Demo: Rainfall simulator and fate/transport modeling	Paul Lemieux Anne Mikelonis Tim Boe	<ul style="list-style-type: none"> <li>• Rainfall simulator and field work at Edison</li> <li>• 3D city for fate/transport and visualization</li> </ul>
11:15	Travel to EPA Main Campus		
11:30	Lunch Break		
12:30	<b>Research Area Overview:</b>	Sarah Taft	<ul style="list-style-type: none"> <li>• Summary of research needs</li> </ul>

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	Contaminant Detection/Environmental Sampling and Analysis		<ul style="list-style-type: none"> <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>
12:45	Travel to Aerosol Test Facility		
13:00	Research Area Demo: TBD	TBD	
13:45	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 Worth Calfee	Introduction (5 min) Chem decon development process: bench to pilot scale (COMMANDER) (15 min) Bio Decon development: Applied testing to Wide Area (10 min)
15:15	Travel to Conference Room		
15:30	Daily Wrap-up/Questions		
16:00	BOSC Subcommittee work time		

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<b>Thursday, December 13, 2018</b> <b>EPA-RTP Main Building Room D101</b>			
<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Description</b>
8:00	Questions from Day 1		
8:30	<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>
8:45	Research Area Demo: <i>Water Security Test Bed Video</i>	Jeff Szabo	Introduction to EPA's Water Security Test Bed, its unique capabilities that support full-scale studies of contaminated water infrastructure and treatment.
9:15	<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>
10:00	Break		
10:15	<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>
10:45	Research Area Demo: On-Site Water Treatment Cart	Jim Goodrich	In conference room or D-atrium
11:00	Future Field-Scale Study and Demonstration (AnCOR)	Shawn Ryan	
11:30	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		
13:45	<b>Research Area Overview:</b>	Kelly Dipolt	Systems-approach to decision support tool development

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	Future of Systems-Based Decision Support Tools		
14:15	Break		
14:30	BOSC Subcommittee work time		
16:30	Daily Wrap-up/Questions		
<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		
9:30	BOSC Subcommittee work time		
11:30	Follow-up Question Session		
12:00	Adjourn		