

AGENDA

**Board of Scientific Counselors
Homeland Security Subcommittee
Virtual Meeting**

August 20 – 21, 2020

Day One – August 20

12:00 - 12:10	Introduction and FACA rules Welcome and Opening Remarks Introduction of BOSC HS Subcommittee Members	Tom Tracy, Designated Federal Officer (DFO) Paula Olsiewski, BOSC Homeland Security (HS) Subcommittee Chair
12:10 - 12:15	ORD Welcome	Bruce Rodan, PhD ORD Associate Director for Science
12:15 - 12:35	CESER Welcome Center-NPD structure ORD COVID-19 research	Greg Sayles, Director Center for Environmental Solutions and Emergency Response (CESER)
12:35 - 13:00	Homeland Security Research Program Overview	Shawn Ryan, HS National Program Director Sang Don Lee, HS Principal Assoc.
13:00 - 13:15	Break (15 min)	
13:15 - 14:00	Overview of Oil Spill Response Research	Robyn Conmy, CESER
14:00 - 15:45	NCPSS Protocol Development (30 min) <ul style="list-style-type: none"> • NCP Reference Oil Selection • Treating Agent Toxicity Test • Surface Washing Agent Efficacy Protocol 	Robyn Conmy, CESER Mace Barron, CESER Robyn Conmy, CESER
	Break (10 min)	
	Behavior, Fate, and Effects (40 min) <ul style="list-style-type: none"> • Oil Biodegradation • Toxicity of Oil and Agents • In situ Burning Air Emissions 	Kiara Lech, CESER Mace Barron, CESER Brian Gullett, Center for Environmental Measurement and Modeling (CEMM) Robyn Conmy, CESER
	Spilled Oil Detection Tools (25min) <ul style="list-style-type: none"> • Detection of Deepwater Plumes • Oil Slick Detection 	Alex Hall, CESER Blake Schaeffer, CEMM

	<ul style="list-style-type: none"> AUV and ROV Platform Development 	Robyn Conmy, CESER
15:45 - 15:50	Public Comment	Tom Tracy, DFO
15:50 - 16:00	Break (10 min)	
16:00 - 17:00	Subcommittee Worktime	

Day Two – August 21

12:00 - 12:30	Overview of Water Research	Jeff Szabo, CESER
12:30 - 14:30	Full scale research at the WSTB (25 min) <ul style="list-style-type: none"> Decontamination methodologies (distribution system and premise plumbing) Sensors and automatic flushing Cybersecurity WSTB Videos and Virtual Tours 	Jeff Szabo, CESER John Hall, CESER Jim Goodrich, CESER
	Premise plumbing research (10 min)	Helen Buse, CESER Matthew Magnuson, CESER
	Break (10 min)	
	Wash-water treatment methodologies (15 min)	Matthew Magnuson, CESER Jim Goodrich, CESER
	Wastewater research (10 min)	Matthew Magnuson, CESER
	Sensor research (10 min)	John Hall and Jeff Szabo, CESER
	Source water and storm water research (20 min) <ul style="list-style-type: none"> Rainfall simulator, field sampling and field installation videos 	Anne Mikelonis, CESER Jim Goodrich, CESER Katherine Ratliff, CESER
	Water system modeling tools (15 min)	Terra Haxton, CESER Katherine Ratliff, CESER
	Water sampling strategies, collection, and analysis methods (5 min)	Sarah Taft, CESER
	14:30 - 14:45	Break (15 min)
14:45 - 16:00	Subcommittee Worktime	
16:00 - 17:00	Q&A	Shawn Ryan, Sang Don Lee, Jeff Szabo, Robyn Conmy