

SERDP Scientific Advisory Board Meeting
October 19-21, 2010
SERDP Office
901 North Stuart Street, Suite 804
Arlington, VA 22203
TEL: 703-696-2127 FAX: 703-696-2114

Tuesday, October 19, 2010

9:00 a.m.	Convene/Opening Remarks	Dr. Ellen Mihaich , Chair
9:05 a.m.	Approval of the September 2010 Minutes	Dr. Ellen Mihaich
9:10 a.m.	Program Update	Dr. Jeffrey Marqusee Executive Director
9:30 a.m.	Environmental Restoration Overview	Dr. Andrea Leeson Environmental Restoration Program Manager
9:35 a.m.	09 ER01-019 (ER-1684): Semi-passive Oxidation-based Approaches for Control of Large, Dilute Groundwater Plumes of Chlorinated Ethylenes (FY11 Re-Brief)	Dr. Franklin Schwartz The Ohio State University Columbus, OH
10:20 a.m.	Break	
10:35 a.m.	Resource Conservation and Climate Change Overview	Dr. John Hall Resource Conservation and Climate Change (RC) Program Manager
10:40 a.m.	11 SI02-011 (RC-2112): Deep Mapping Teuthivorous Whales and Their Prey Fields (FY11 New Start)	Dr. Kelly Benoit-Bird Oregon State University Corvallis, OR
11:25 a.m.	Resource Conservation and Climate Change Overview	Dr. John Hall RC Program Manager
11:30 a.m.	11 SI03-003 (RC-2115): Developing Decision Support Tools for Ecological Forestry and Carbon Management (FY11 New Start)	Dr. Lisa Samuelson Auburn University Auburn, AL
12:15 p.m.	Lunch	
1:15 p.m.	Resource Conservation and Climate Change Overview	Dr. John Hall RC Program Manager
1:25 p.m.	11 SI03-011 (RC-2116): Statistically Rigorous Carbon Footprint Predictions of Forest Restoration in the Southern U.S. (FY11 New Start)	Dr. Duncan Wilson Oklahoma State University Stillwater, OK
2:10 p.m.	11 SI03-023 (RC-2118): Modeling the Carbon Implications of Ecologically-Based Forest Management (FY11 New Start)	Dr. Matthew Hurteau Northern Arizona University Flagstaff, AZ
2:55 p.m.	Break	
3:10 p.m.	11 SI03-014 (RC-2117): Developing Novel Ecosystems that Optimize Carbon Storage, Native Biodiversity, and Human Mobility in Lowland Hawaiian Forests (FY11 New Start)	Dr. Rebecca Ostertag University of Hawaii Hilo, HI
3:55 p.m.	Strategy Session	SAB Members
5:00 p.m.	Public Discussion / Adjourn for the day	

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Wednesday, October 20, 2010

9:00 a.m.	Convene/Opening Remarks	Dr. Ellen Mihaich , Chair
9:05 a.m.	Resource Conservation and Climate Change Overview	Dr. John Hall Resource Conservation and Climate Change Program Manager
9:15 a.m.	11 SI02-022 (RC-2114): Behavioral Ecology of Deep-diving Odontocetes in the Bahamas (FY11 New Start)	Ms. Diane Claridge Bahamas Marine Mammal Research Organisation Marsh Harbour, Bahamas
10:00 a.m.	Break	
10:15 a.m.	Weapons Systems and Platforms Overview	Mr. Bruce Sartwell Weapons Systems and Platforms Program Manager
10:25 a.m.	11 WP01-004 (WP-2137): Nanostructured Copper Alloys as an Alternative to Copper-Beryllium (FY11 New Start)	Dr. Jonathan McCrea Integran Technologies Inc. Toronto, ON
11:10 a.m.	11 WP01-011 (WP-2138): Alternative Copper-Beryllium Alloys Development (FY11 New Start)	Dr. Eric Fodran Northrop Grumman Corp El Segundo, CA
11:55 a.m.	Lunch	
12:55 p.m.	Weapons Systems and Platforms Overview	Mr. Bruce Sartwell Weapons Systems and Platforms Program Manager
1:05 p.m.	11 WP02-012 (WP-2142): Novel Lead Free Ballistic Modifiers for Improved, IM-Compliant Minimum Signature Propellants (FY11 New Start)	Dr. Andrew Nelson Naval Air Warfare Center Weapons Division China Lake, CA
1:50 p.m.	11 WP02-015 (WP-2143): Eliminating Lead, RDX, and AP In a Castable, EMMS-Configured Propellant while Maintaining Performance (FY11 New Start)	Mr. Bradley Sleadd Indian Head Division, NSW Indian Head, MD
2:35 p.m.	Break	
2:50 p.m.	Weapons Systems and Platforms Overview	Mr. Bruce Sartwell Weapons Systems and Platforms Program Manager
3:00 p.m.	11 WP04-006 (WP-2151): Development of Demonstrably Predictive Models for Emissions from Alternative Fuels Based Aircraft Engines (FY11 New Start)	Dr. Venkatramanan Raman The University of Texas at Austin Austin, TX
3:45 p.m.	11 WP07-001 (WP-2153): Innovative Technology Development for Comprehensive Air Quality Characterization from Open Burning (FY11 New Start)	Dr. Byung Kim U.S. Army Engineer Research and Development Center (CERL) Champaign, IL
4:30 p.m.	Public Discussion / Adjourn for the day	

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Thursday, October 21, 2010

9:00 a.m.	Convene/Opening Remarks	Dr. Ellen Mihaich , Chair
9:05 a.m.	Environmental Restoration Overview	Dr. Andrea Leeson Environmental Restoration Program Manager
9:15 a.m.	11 ER03-003 (ER-2129): Secondary Impacts of In Situ Remediation on Groundwater Quality and Post-treatment Management Strategies (FY11 New Start)	Dr. Kurt Pennell Tufts University Medford, MA
10:00 a.m.	11 ER03-006 (ER-2130): Assessing the Potential Consequences of Subsurface Bioremediation: Fe-Oxide Bioreductive Processes and the Propensity for Contaminant-Colloid co-Transport and Media Structural Breakdown (FY11 New Start)	Dr. Philip Jardine University of Tennessee Knoxville, TN
10:45 a.m.	Break	
11:00 a.m.	11 ER03-016 (ER-2131): Numerical Modeling of Post-Remediation Impacts of Anaerobic Bioremediation on Groundwater Quality (FY11 New Start)	Dr. Robert Borden North Carolina State University Raleigh, NC
11:45 a.m.	11 ER03-018 (ER-2132): Impacts on Groundwater Quality Following the Application of ISCO: Understanding the Cause of and Designing Mitigation for Metals Mobilization (FY11 New Start)	Dr. Kevin Gardner University of New Hampshire Durham, NH
12:30 p.m.	Public Discussion / Adjourn	