

SERDP Scientific Advisory Board Meeting
September 14-16, 2010
SERDP Office
901 North Stuart Street, Suite 804
Arlington, VA 22203
TEL: 703-696-2127 FAX: 703-696-2114

Tuesday, September 14, 2010

8:30 a.m.	Convene/Opening Remarks	Dr. Ellen Mihaich , Chair
8:35 a.m.	Ethics Presentation by the Office of the General Counsel for the Department of Defense	Mr. Jeff Green Senior Attorney Standards of Conduct Office of the General Counsel
9:05 a.m.	Approval of June 2010 Minutes	Dr. Ellen Mihaich
9:10 a.m.	Program Update	Dr. Jeffrey Marqusee Executive Director
9:30 a.m.	Resource Conservation and Climate Change Overview	Dr. John Hall Resource Conservation and Climate Change Program Manager
9:40 a.m.	11 SI01-008 (RC-2109): Identifying Indicators of State Change and Forecasting Future Vulnerability in Alaskan Boreal Ecosystems (FY11 New Start)	Dr. Edward Schuur University of Florida Gainesville, FL
10:25 a.m.	Break	
10:40 a.m.	11 SI01-016 (RC-2110): Addressing the Impacts of Climate Change on U.S. Army Alaska with Decision Support Tools Developed Through Field Work and Modeling (FY11 New Start)	Dr. Thomas Douglas ERDC-Cold Regions Research and Engineering Laboratory Fort Wainwright, AK
11:25 a.m.	11 SI01-019 (RC-2111): Improved Understanding of Permafrost Controls on Hydrology in Interior Alaska by Integration of Ground-based Geophysical Permafrost Characterization and Numerical Modeling (FY11 New Start)	Dr. Michelle Walvoord U.S. Geological Survey Lakewood, CO
12:10 p.m.	Lunch	
1:10 p.m.	Resource Conservation and Climate Change Overview	Dr. John Hall Resource Conservation and Climate Change Program Manager
1:20 p.m.	11 SI04-016 (RC-2120): Sources and Sinks: Elucidating Mechanisms, Documenting Patterns, and Forecasting Impacts (FY11 New Start)	Dr. Joshua Lawler University of Washington Seattle, WA
2:05 p.m.	11 SI04-044 (RC-2121): Using a Hierarchical Approach to Model Regional Source-Sink Dynamics for Neotropical-Nearctic Songbirds to Inform Management Practices on Department of Defense Installations. (FY11 New Start)	Dr. Peter Marra Smithsonian Migratory Bird Center National Zoo Washington, DC
2:50 p.m.	Break	
3:05 p.m.	11 SI04-014 (RC-2119): Endangered butterflies as a model system for managing source-sink dynamics on Department of Defense lands (FY11 New Start)	Dr. Elizabeth Crone University of Montana Missoula, MT
3:50 p.m.	Strategy Session	SAB Members
5:00 p.m.	Public Discussion / Adjourn for the day	

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Wednesday, September 15, 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
9:10 a.m.	11 ER01-008 (ER-2122): Tracking the Uptake, Translocation, Cycling, and Metabolism of Munitions Compounds in Coastal Marine Ecosystems Using Stable Isotopic Tracer (FY11 New Start)	Dr. Craig Tobias University of Connecticut Groton, CT
9:55 a.m.	11 ER01-017 (ER-2125): Ecological Risk Assessment of Munitions Compounds on Coral and Coral Reef Health (FY11 New Start)	Dr. Cheryl Woodley NOAA National Ocean Service Charleston, SC
10:40 a.m.	Break	
10:55 a.m.	Environmental Restoration Overview	Dr. Andrea Leeson Environmental Restoration Program Manager
11:00 a.m.	11 ER02-023 (ER-2126): Behavior of Perfluoroalkyl Chemicals in Contaminated Groundwater (FY11 New Start)	Dr. Christopher Higgins Colorado School of Mines Golden, CO
11:45 a.m.	11 ER02-025 (ER-2128): Characterization of the Fate and Biotransformation of Fluorochemicals in AFFF-Contaminated Groundwater at Fire/Crash Testing Military Sites (FY11 New Start)	Dr. Jennifer Field Oregon State University Corvallis, OR
12:30 p.m.	Lunch	
1:30 p.m.	Weapons Systems and Platforms Overview	Mr. Bruce Sartwell Weapons Systems and Platforms Program Manager
1:40 p.m.	11 WP04-022 (WP-2145): The Science of Emissions from Alternative Fuels (FY11 New Start)	Dr. William Roquemore Air Force Research Laboratory Propulsion Directorate Wright Patterson AFB, OH
2:25 p.m.	11 WP03-014 (WP-2144): Understanding Corrosion Protection Requirements for Adhesive Bond Primers (FY11 New Start)	Ms. Diane Kleinschmidt Naval Air Warfare Center, Aircraft Division Patuxent River, MD
3:10 p.m.	Break	
3:25 p.m.	11 WP05-006 (WP-2146): High Speed, Substrate Safe Low Observable Coating Laser Stripping (FY11 New Start)	Mr. Gary Wright AFRL/RXSC Wright-Patterson AFB, OH
4:10 p.m.	11 WP06-002 (WP-2147): Self-Remediating Energetic Fills Based on Cyclic Dinitroureas (FY11 New Start)	Ms. Roxanne Quintana Naval Air Warfare Center Weapons Division China Lake, CA
4:55 p.m.	Public Discussion / Adjourn for the day	

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Thursday, September 16, 2010

8:30 a.m.	Convene/Opening Remarks	Dr. Ellen Mihaich , Chair
8:35 a.m.	Munitions Response Overview	Dr. Herb Nelson Munitions Response Program Manager
8:40 a.m.	11 MM02-016 (MR-2103): Structural Acoustic UXO Detection and Identification in Marine Environments (FY11 New Start)	Dr. Brian Houston Naval Research Laboratory Washington, DC
9:25 a.m.	11 MM02-019 (MR-2104): Real-Time Hand-Held Magnetometer Array (FY11 New Start)	Dr. Mark Prouty Geometrics, Inc. San Jose, CA
10:10 a.m.	Break	
10:25 a.m.	11 MM01-003 (MR-2100): Tensor Invariant Processing for Munitions/Clutter Classification (FY11 New Start)	Dr. Thomas Bell Science Applications International Corporation Arlington, VA
11:10 a.m.	Public Discussion / Adjourn	