

Semi-Annual Project Review Meeting
Southeast Region Research Initiative (SERRI)
August 22-23, 2007
Marriott Crystal City at Reagan National Airport
Arlington, VA

August 22

8:00 Welcome/Introductions

Warren Edwards

Projects associated with Borders/Maritime-Cargo Security IPT

8:15 – 8:45 Real-Time Identification & Monitoring of
Barge-Carried Hazardous Commodities

Dr. Mingzhou Jin

8:45 – 8:55 Q&A

Projects associated with Chem/Bio-Chem/Bio Defense IPT

8:55 – 9:25 Development of an Integrated Sensor
System for Real-Time Monitoring of
Metabolites of Organophosphorus
Chemical Warfare Agents, Pesticides
and E. Coli in Food and Water

Dr. Yolanda Jones

9:25 – 9:35 Q & A

9:35 – 10:05 Analysis of WMD Materials in Waste
and Storm Water Treatment Infrastructures
in Southeastern Cities

Dr. Robert Jubin

10:05 – 10:15 Q & A

10:15 – 10:30 Break

10:30 – 11:00 Rapid Detection of Agriterrorism
via Remote Sensing

Dr. Lori Bruce

11:00 – 11:10 Q & A

11:10 – 11:40 Real-Time Detection of Chemicals and
Biological Pathogens in Fluids

Dr. Gordon Cannon

11:40 – 11:50 Q & A

11:50 – 12:50	Working Lunch Mr. Mike Matthews, Program Manager Department of Homeland Security	
12:50 – 1:20	Computational Tools for Water Security	Dr. S.Y. Wang
1:20 – 1:30	Q & A	
1:30– 2:00	Real-Time Operations Support for Emergency Evacuations	Dr. Li Zhang
2:00 – 2:10	Q & A	
2:10 – 2:40	Kentucky Operations Support – Collaboration Between SERRI and DNDO’s South East Transportation Corridor Pilot (SETCP)	Dr. Frank DeNap
2:40 - 2:50	Q & A	
2:50 – 3:05	Break	
Projects associated with Command, Control, & Interoperability-Information Sharing/Mgmt IPT		
3:05 – 3:35	All Hazards Emergency Operations Management System	Dr. Elizabeth Matlack
3:35 – 3:45	Q& A	
3:45 – 4:15	Disaster Response Intelligent System	Dr. Gordon Skelton
4:15 – 4:25	Q & A	
4:25 – 4:55	Assured Strategic Communications During National and Willful Disasters	Dr. Lori Bruce
4:55 – 5:05	Q & A	

August 23

- 8:00 – 8:30 Southeast Region Critical Infrastructure Protection Center Dr. Rayford Vaughn
- 8:30 – 8:40 Q & A
- 8:40 – 9:10 Rule Set Automation in Support of Critical Infrastructure Protection (CIPRSA) Dr. Richard Hale
- 9:10 – 9:20 Q & A

Projects associated with Infrastructure/Geophysical-Infrastructure Protection IPT

- 9:20 – 9:50 Nano-Particle Reinforced Composites for Critical Infrastructure Protection Dr. Alex Cheng
- 9:50 – 10:00 Q & A
- 10:00 – 10:15 Break
- 10:15 – 10:45 Simulation-Based Decision Support System for Water Infrastructural Security Dr. Mustafa Altinakar
- 10:45 – 10:55 Q & A
- 10:55 – 11:25 High Performance Agent-Based Topic Monitoring Dr. Jim Treadwell
- 11:25 – 11:35 Q & A
- 11:35 – 12:05 Semantics-Driven Knowledge Discovery System for Wide Area Monitoring of Electric Power Grid Dr. Nicholas Younan
- 12:05 – 12:15 Q & A
- 12:15 – 1:15 Lunch

Projects associated with Command, Control, & Interoperability-Incident Management IPT

1:15 – 1:45	Mississippi Groundwater, Surface Water, and Dam Inventory and Vulnerability Assessment	Dr. Robert Holt
1:45 – 1:55	Q & A	
1:55 – 2:25	Simulation Environment for Planning, Training, and Assessment of Emergency Response and Evacuation Capabilities at High Consequence Sport Events	Dr. Lou Marciani
2:25 – 2:35	Q & A	
2:35 – 2:50	Break	
2:50 – 3:20	Specification, Validation and Verification of Imagery Products for Disaster Management and Response	Dr. Greg Easson
3:20 – 3:30	Q & A	
3:30 – 4:00	Capturing Hurricane Katrina Data for Analysis and Lessons-Learned Research	Dr. David Shaw
4:00 – 4:10	Q & A	
4:10 – 4:30	Wrap-up	