

Evolving Roles and Responsibilities



Homeland Security Transport and
Dispersion Modeling Support
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Transport and Dispersion Modeling at the EPA

- Supports Several Important EPA Missions
 - Changes in Ecosystem (Climate Change)
 - Changes in Regulatory Framework
 - Accidental Releases



Transport and Dispersion Modeling at the EPA

- Office of Air and Radiation
 - Office of Air Quality Protection Standards
 - All Other Air Offices
- Office of Research and Development
 - National Exposure Research Laboratory/
Atmospheric Modeling Division
 - Council of Regulatory Environmental
Modeling



Transport and Dispersion Modeling at the EPA

- Office of Solid Waste and Emergency Response
 - Office of Emergency Prevention, Preparedness, and Response



Homeland Security Activities at the EPA

- Office of Solid Waste and Emergency Response
 - Office of Emergency Prevention, Preparedness, and Response
 - Office of Superfund Remediation and Technology Innovation



Homeland Security Activities at the EPA

- Office of Air and Radiation
 - Office of Radiation and Indoor Air
- Office of Research and Development
 - EPA Red Team



The EPA Never Sleeps: 24/7 Communications with the EPA

- National
 - National Response Center (Joint EPA/U.S. Coast Guard Asset)
 - EPA Emergency Operations Center



The EPA Never Sleeps: 24/7 Communications with the EPA

- Regional
 - EPA On-Scene Coordinators
 - EPA Environmental Response Teams
 - EPA Radiological Emergency Response Team



Time-scales of Response

- Short: Cameo/Aloha Support
 - On-Scene Coordinators
 - Emergency Response Teams
 - State and Local First Responders



Time Scales of Response

- Intermediate: Monitoring Data Input
 - On-Scene Coordinators
 - Environmental Response Teams
 - Radiological Emergency Response Team
- Intermediate: No Modeling
 - EPA Modeling Experts Are Not Available on 24/7 Basis



Time-Scales of Response

- Long: Detailed Reconstructive Modeling in Support of Remediation Activities
 - Performed by Office of Research and Development/Office of Air and Radiation
 - Input Provided by the Office of Solid Waste and Emergency Response



Questions

- For more information, please contact:
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