

InterAgency Board (IAB) Priority List



This survey was vetted through the IAB membership. The research and development items were assessed based on the following criteria: urgent need, life safety, mission performance, incident management, compatibility or interoperability, use by multiple responder disciplines, and use in day-to-day operations as well as major incidents.

Please visit www.iab.gov for more detailed information on the survey and priority items.

2009 IAB Research and Development Priorities

- 1 Personal Bluetooth (like) Radio Interface
- 2 3-D Tracking of Personnel
- 3 Hands-Free Radio Intercom
- 4 Validated Performance Criteria and Certification Testing Methods for Wireless Personal Alert Safety Systems (PASS)
- 5 Noise-Filtering Digital Speaker/Microphone for SCBA Facepiece
- 6 Improved Single Detector for CWAs and TICs
- 7 Emergency Responder Body-Worn Integrated Electronics System Development
- 8 CAD-to-CAD Interface Information Resources
- 9 Improved Explosive Detection Capability
- 10 Handheld Standoff Chemical Identifier
- 11 Study and Standard Development of Incident Management Qualification
- 12 Multi-Agent Biological Detection Field Assays
- 13 Vehicle-Borne Improvised Explosive Device (VBIED) Render-Safe Tool
- 14 Identification of Wildland Firefighting Respiratory Hazards and a Certification Standard for Wildland Firefighting Respiratory Protective Equipment
- 15 Device for Standoff Casualty Locator
- 16 Research Feasibility of Air-Purifying Respirator (APR) Use During Late-Stage Incendiary Incident Operations
- 17 Rapid System(s) to Decontaminate Ambulance Interiors
- 18 Modeling, Simulation and Gaming Software Evaluation Tool
- 19 Improved Mass Decontamination Systems
- 20 Guide for Increasing Patient Transport Capability
- 21 Equipment/Supply Guide for Relocating Special Needs Evacuees
- 22 Enhanced Decontamination Capability for Special Needs Victims