

IT 1 – Research Needs

- Robustness, resiliency, trustworthiness of systems
- Ubiquitous sensors for situational awareness
 - E.g., cameras, satellites, personal communication devices
- Efficient sharing of information under emergencies
- Early warning: e.g., emergency notification system
- Integration of multi-modal media
 - Security/trust of information
 - Crowdsourcing, social media
 - Big data
- Real-time decision support system
 - Intelligent visualization system, complex modeling
- Multi-disciplinary research

