



# Science and Technology for Emergency Preparedness

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# Data for emergency preparedness

- Hazards
- Vulnerability (fragility, resilience and exposure)
- Resources


# Issues and opportunities for improvement

- Little to no data integration
- Different formats
- Local governments with insufficient resources
- Important to identify new innovative and creative tools, products and services to satisfy needs;



# Resources for Disaster Relief

- What resources are available?
- SIRAD - Disaster Relief Resources Information System
- Provides information for emergency response
- Static system (2010) but information is dynamic

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- National Information System for DRM
  - Establish research areas





# BCM: a proposal



# Issues and opportunities for improvement


- Policy
- Informality and lack of knowledge



# Proposed solutions

- Appropriate regulatory framework
- Communication, information and awareness campaigns



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- Targeted, thematic risk maps for SMEs
  - Supports need for information regarding vulnerability and resources for disaster relief