

GST/D Implementation Issues in the Caribbean

Worshop2: Technical Issues Towards Effective Applications of Geospatial Technologies and Data in DRM

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Objective

Increase participants awareness on how to implement geospatial technology and data application programmes in disaster risk management.

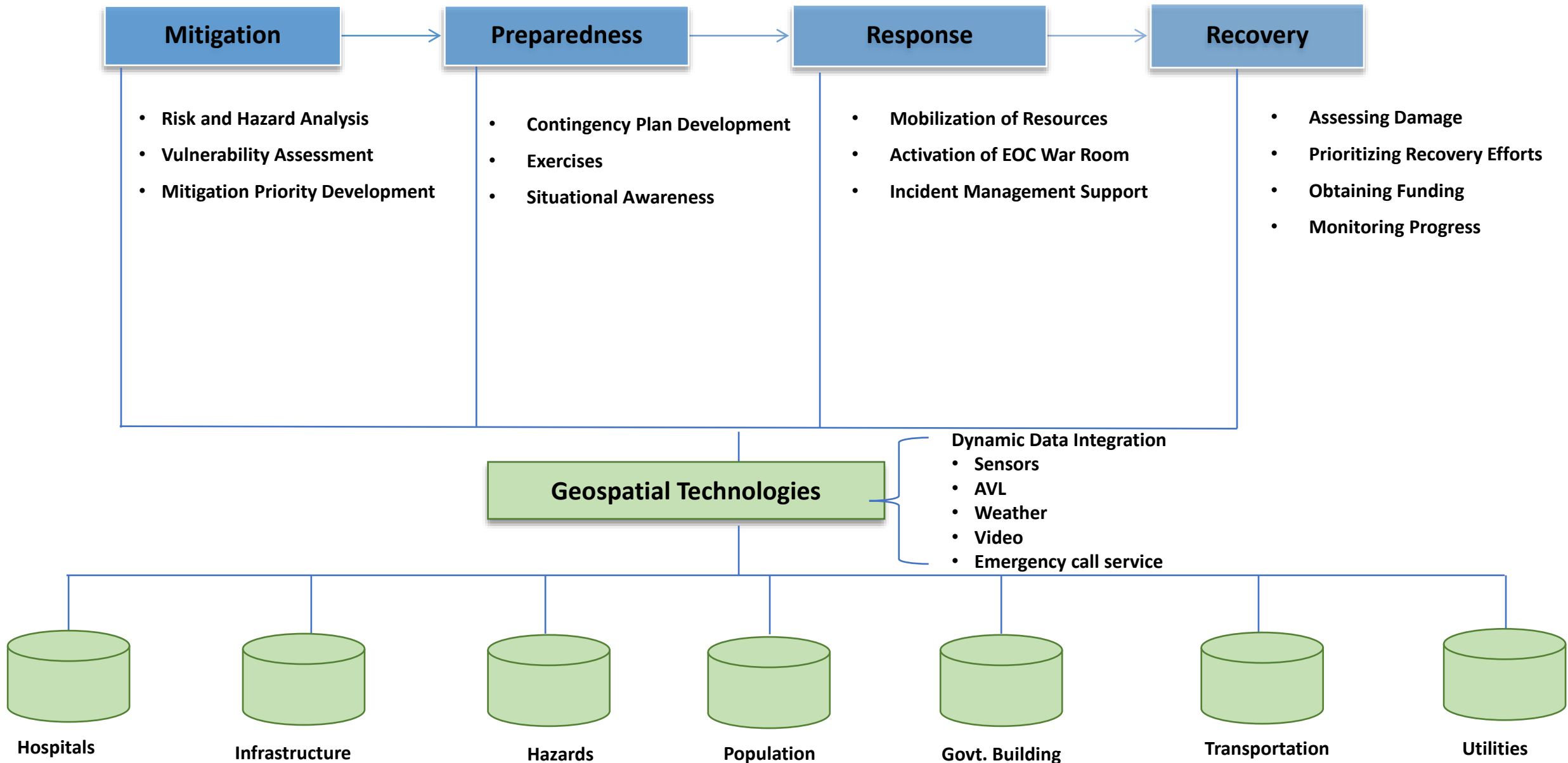


Figure GIS Support for Emergency Management Workflow

Implementation Issues

1. Where is the mandate to develop DRM applications?
2. Who is going to pay the cost of the processes and tools?
3. Who will use the applications developed?
4. What are the uses/benefits of these applications?
5. Is the data used/to be used accurate and current?
6. Is the data resolution “fit-for-purpose”?
7. How do we keep trained staff motivated?
8. What is the cost of “doing nothing”?
9. How do we sustain the experience?
10. How do we keep the policy, standards, and regulations current and relevant?

Steps in Implementation

- Seek and obtain managerial and political supports
- Form inter- agency working groups with political champions
- Undertake a need assessment across DRM agencies
- Identify ‘low- hanging fruit’ applications to support DRM functions
- Acquired hardware, software and collect the data required
- Build these applications with regional/ extra- regional support
- Build awareness program around the utilities of these applications
- Mainstream these applications through policy, standards, procedural manuals, and training of others

Steps in Implementation

- Establish a newsletter/ social media platform to create awareness for GST/D for DRM
- Seek support for additional
 - Hardware and Software
 - Data management
 - Training
 - Funding
- Replicate the experience with the goal of a minimum of 2 applications per year.

Develop a Data Management Plan

- **Data Identification and Evaluation**
- **Database Content and Structure**
- **Data Sources**
- **Data Collection Strategies**
- **Data Integration**
- **Data Classification and Codification**
- **Data Entry Management**
- **Data Verification**
- **Assessing Quality**
- **Data Storage (Structure and Media)**
- **Access Methods and Control**
- **Updating and Maintenance Protocols**

Sharing of Experiences

Thank you!

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