



## A Time of Need – Coordinating Spatial Disaster Management in South East Queensland

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## South East Queensland

- 4.4 million people by 2030
- 23 000 square kilometres (Israel)
- 9 local governments
- 240km of coastline
- Multiple types of vegetation
- Significant river catchment systems



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# Disaster Types

- Natural & Non-natural disasters
- Specific focus on natural disasters due to coastline exposure
  - Cyclone
  - Flood
  - Tropical storm & other weather
  - Tsunami



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# Response Sector

- 3 levels
  - State
    - Queensland State Government
  - Local Council
    - 9 local councils
  - Volunteer
    - Formal organisations – SES
    - Private citizens



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## Management Plans

- Formalised at the upper tiers of management
- None address the requirement for mapping/spatial data/spatial personnel
- Silos of information

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## Spatial Data

- Individual organisations local & base data
- Requirement for SDI at a regional level

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# Spatial Data

- No standards for
  - Data format
  - Data storage
  - Data collection
  - Data attributing
  - Mapping products
  - Symbology
  - Others???



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# Disaster Mapping

- Requirement for mapping & data collation
  - Prior to a disaster
  - During a disaster
  - Post disaster
- Different levels of requirement

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# Recommendations

- Standards for:
  - data layers,
  - layer naming conventions,
  - aspatial data field naming,
  - aspatial data attributing format, and
  - symbology,

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# Recommendations

- Dedicated staffing @ Local Govt Level
- SDI development
- Base map production
- A SEQ disaster management council
- Key spatial datasets identified & collated

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Questions or comments?