Enhancing Life
Saving Missions
with Innovative Technology & Policy

NZ USAR
Our Journey
Intro
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The Why

AUSTRALIAN PLATE

Land on Volcanic Plateau is pulled apart and sinks as East Cape pulls away from Northland.

PACIFIC PLATE

Pacific plate moves west and southwest by 30-60mm a year and dives under Australian plate.
Christchurch
Kaikoura
Edgecumbe
Tonga
Current Focus
Our Tech (Platform)

esri
Joint Australian and New Zealand Disaster Response Team - TC Gita Assessment

Overall Damage Assessment

The purpose of this Dashboard is to indicate the amount of damage to Churches, Schools, Halls, Shelters, Health Centres and specified Public Buildings in Tongatapu and Eua.

Each assessment includes a Damage Classification:
- Green indicates no damage or slight damage
- Yellow indicates moderate damage
- Red indicates severe damage or totally destroyed

Total number of assessments: 348

Total number by USAR Classification:
- Green: 242
- Yellow: 99
- Red: 46

Total assessments by Building Type showing USAR Classification:
- Church: 174
- HealthCare: 17
- PublicBuilding: 15
- School: 42
- Shelter: 7

Extent of Damage:
- None or Recorded: 91
- No damage/Slight: 123
- Moderate damage: 103
- Severe damage: 27
- Total damage/destroyed: 18

The graphs will update to reflect the assessments in the current map view. Move the map to see statistics for a particular island or village.

Click a Pin on the map to see more information obtained during the rapid damage assessment.
Our Tech (DART)
Our Tech (Home)
Our Tech
Making Field Apps Robust
People
People
Environment - INSARAG
Environment – DART/HADR Pacific
Environment - DART - Domestic (Future State)
Key findings
(what worked)
Key findings
(What posed challenges)
Organisational Factors
Closing Thoughts
Key Message

• Form an interdisciplinary team
• Identify the real-world questions
• Prototype the solution, Test, Repeat
• Build a game plan to support it

“ITS ALL ABOUT THE VICTIM”