



# UN-GGIM-AP WG1- Geodetic Reference Frame

Developing Capacity to Address the Legal and Policy  
Issues impacting geospatial data sharing and  
dissemination

Nuku'alofa, Tonga, 2018



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Global Geospatial Information Management

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## Sharing Data: Why?

- Sharing brings benefits
  - Helps to ensure to you access to data from others
    - Link your datum to the rest of the world
  - Your data can be incorporated in to useful products and services
  - Examples include
    - AUSPOS
    - Sea level change mapping
    - Regional tectonic mapping
  - Future examples may include:
    - GNSS Tsunami warnings
    - GNSS weather forecasting



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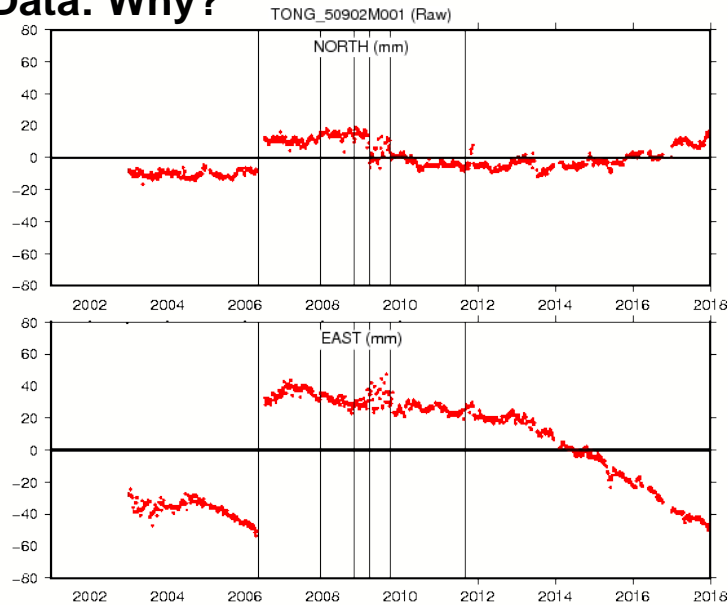
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## Sharing Data: Why?

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## Sharing Data: Global + Regional Initiatives

- International GNSS Service (IGS)
  - GNSS data
  - Built for scientific applications
  - Societal applications increasing
- UN-GGIM-AP APREF
  - GNSS data
  - Linking and defining national datums
  - Societal applications increasing



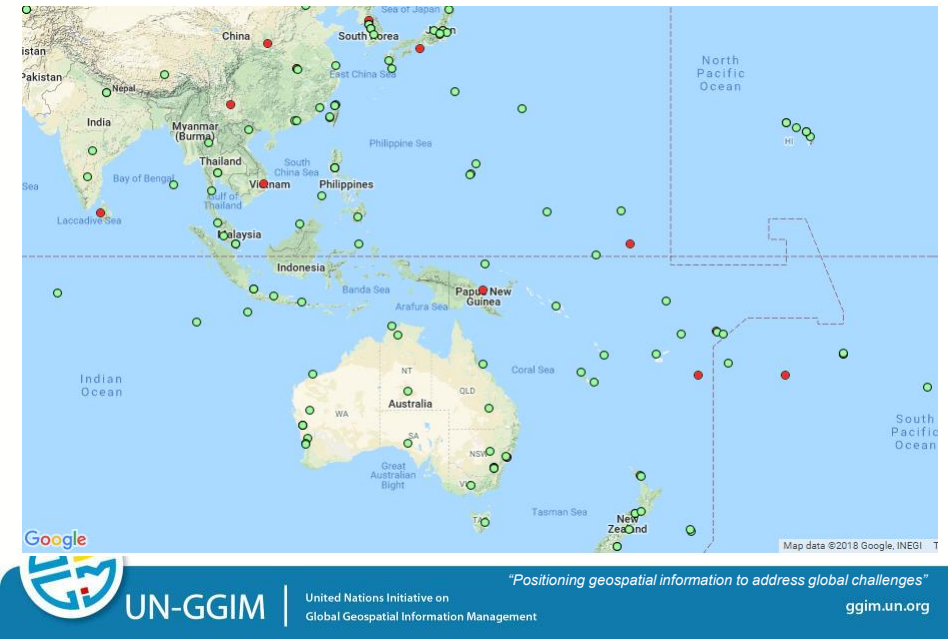
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## Regional and Global Initiatives: IGS



## Regional and Global Initiatives: APREF



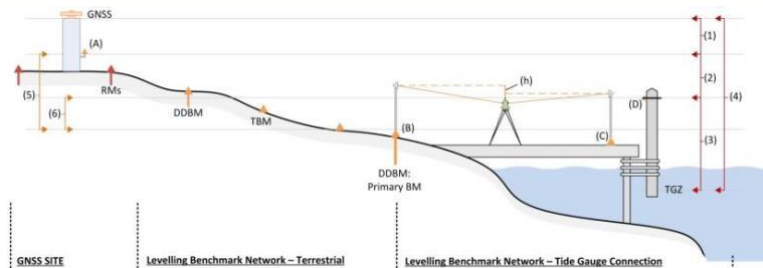
# Australia's Approach to GNSS Data



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## Sea Level Data



- The Global Sea Level Observing System (GLOSS) is an international programme conducted under the auspices of the Joint Technical Commission for Oceanography and Marine Meteorology (JCOMM) of the World Meteorological Organisation (WMO) and the Intergovernmental Oceanographic Commission (IOC)
- See <http://www.gloss-sealevel.org/>



## Sea Level Data



- Global Sea Level Observing System (GLOSS) stations
- Data available for download
- Data licensing unclear



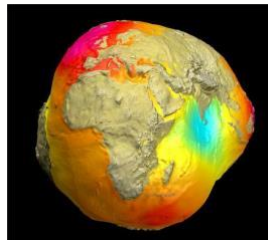
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## Gravity Data



- Relative gravity data (airborne, ship-borne, ground-based)
- Absolute gravity data
- International Gravity Field Service (IGFS)
  - See <http://igfs.topo.auth.gr/>
- International Gravimetric Bureau
  - See <http://bgi.omp.obs-mip.fr>
- Data licensing unclear



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## Issues

- Who's using our data?
- Is it appropriate? Are we comfortable with it?



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## Next steps?

- Ask UN-GGIM to assist with the development of template licensing agreement for use in the Asia-Pacific
- UN-GGIM to work with GEO and other scientific organisations to clarify data licensing
- UN-GGIM-AP WG1 and PGSC development a letter of understanding around the issues associated with sharing geospatial data
- Workshop outcomes to reported back into UN-GGIM



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