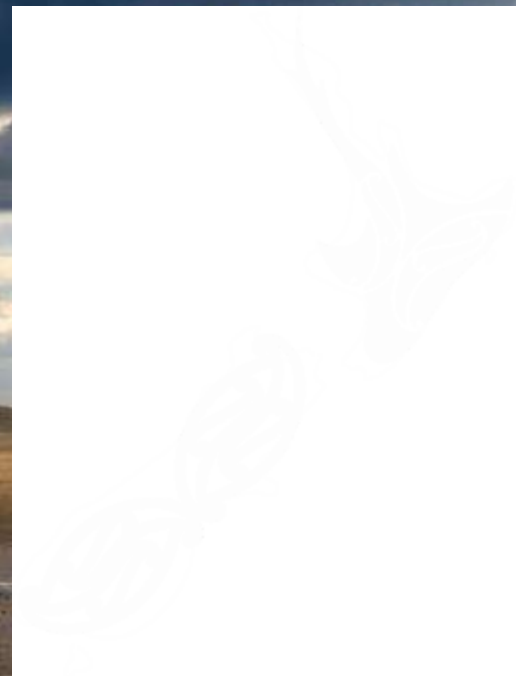


FIG 2018, Turkey

Asia Pacific Capacity Development Forum


Graeme Blick | Chief Geodesist



# New Strategy

Land Information  
New Zealand  
Te Kaitiaki



A surveying tripod with a yellow and red frame is set up on a large, grey, craggy rock formation. The tripod is positioned centrally in the upper half of the frame. The background shows a vast, open landscape with rolling hills and mountains under a clear blue sky with a few wispy clouds. The foreground consists of dark, jagged rock surfaces.

Vision:  
Accurately  
Positioning New  
Zealand for the  
Future

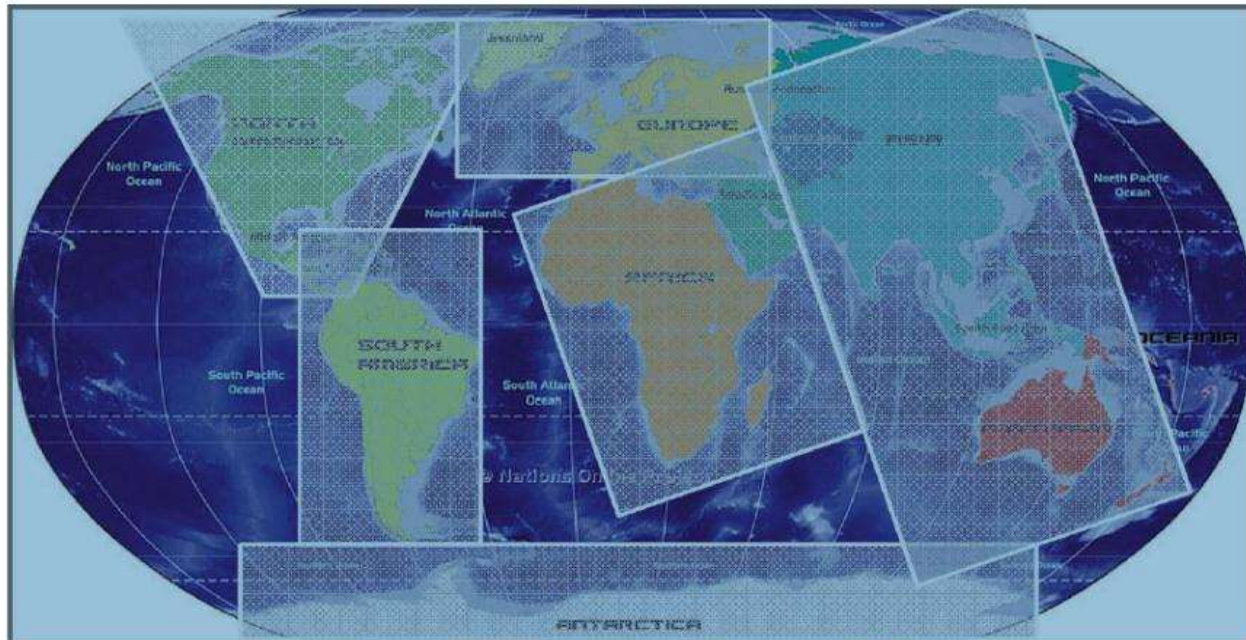
# Ten Year Goals



1. Enable the efficient definition of three-dimensional property rights through an accessible geodetic system
2. Measure temporal changes to the shape of the Earth's surface, model the gravity field and incorporate the effects into our reference frames
- 3. Support the maintenance of global reference frames and the connection of New Zealand's geodetic framework to them**
4. Provide tools and services that enable accurate and reliable real-time positioning whenever and wherever it is required
- 5. Provide strong leadership in the development and use of the positioning system in New Zealand and support its development in the South-West Pacific**

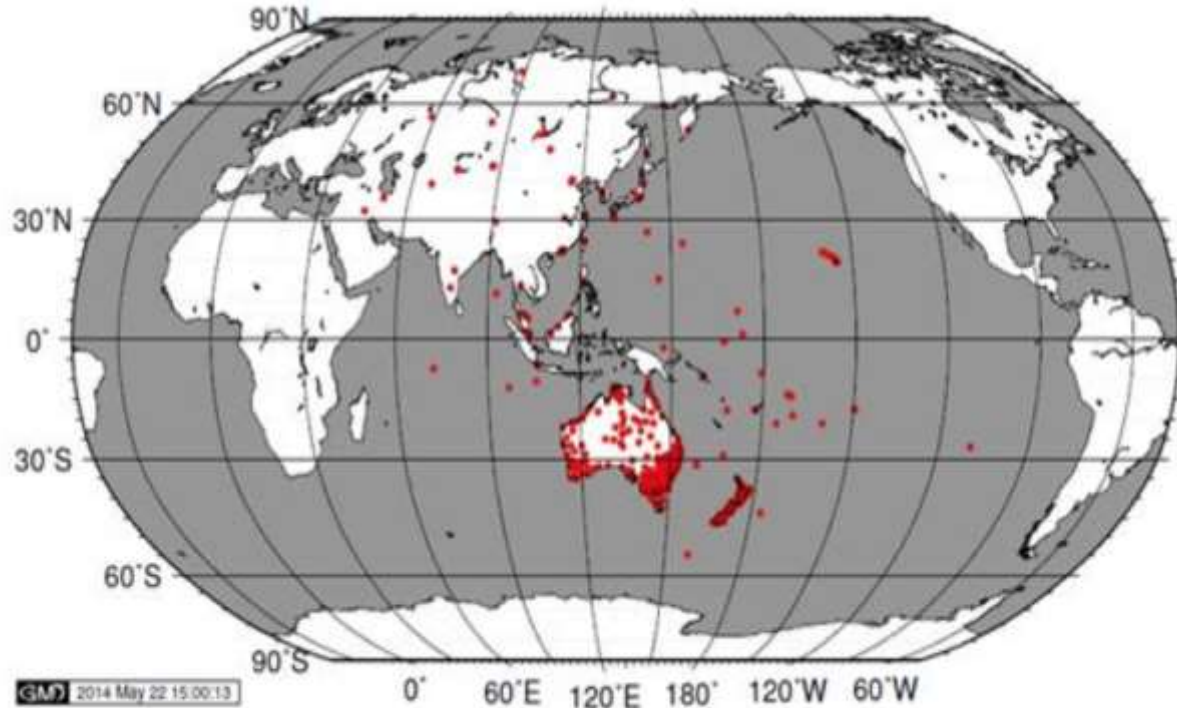
## Regional Reference Frame Densification

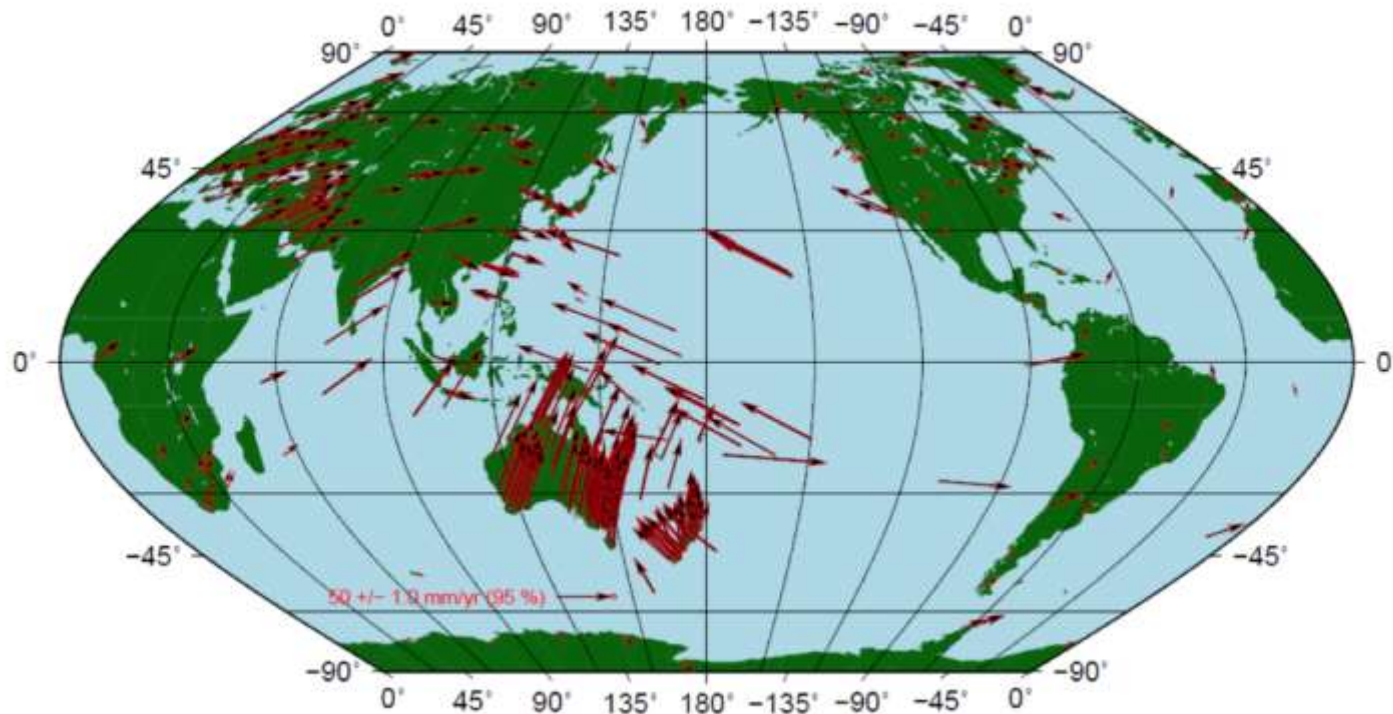
ITRF = APREF, AFREP, EURREF, NAREF SIRGAS,...





# APREF – strong proponent of open data





## Support Pacific Geospatial and Surveying Council (PGSC)

- Providing technical support
- Assisted with development of programme of work and new strategy
- An MOU between between NZIS and PGSC as recently been signed



## NZ Activities - 3



### Support to UN-GGIM Geodesy working groups

- Member of Governance WG, Capacity Building WG and Standards WG representing the AP Region

### Support to UN-GGIM AP

- Vice chair WG-1 Geodesy

Actively support UN-GGIM, FIG and IAG technical seminars

# Opportunities/challenges



## Opportunities

- Hosting staff
- Providing technical support – eg to new datum/projection projects
- Continued support for and to technical workshops

## Challenges

- Limited resources
- Mandate

the power of  
**where**  
drives NZ's success



# Questions?

