

UN-GGIM-AP WG1- Geodetic Reference Framework for Sustainable Development

Chair

Dr. John Dawson, Australia

Vice Chairs

Dr. Yamin Dang, China

Dr. Farokh Tavakoli, Iran

Mr. Basara Miyahara, Japan

Mr. Yi Sang Oh, Republic of Korea

Dr. Azhari bin Mohamed, Malaysia

Mrs. Enkhtuya Sodnom, Mongolia

Mr. Graeme Blick, New Zealand



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United Nations Initiative on
Global Geospatial Information Management

“Positioning geospatial information to address global challenges”

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UN-GGIM-AP WG1 - Workshop

- 2 Day workshop on Geospatial and CORS Infrastructure
- 155 registrants (61 international)
- 22 presenters
- Discussion session on challenges and priorities

- Jointly organised by **UN-GGIM-AP WG1**, the International Federation of Surveyors (FIG) and **JUPEM**



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UN-GGIM-AP WG1 - Workshop Content

- Status of geodetic infrastructure in the region
- Presentations: Philippines, Myanmar, Brunei, Thailand, Malaysia, Indonesia, Cambodia, Vietnam



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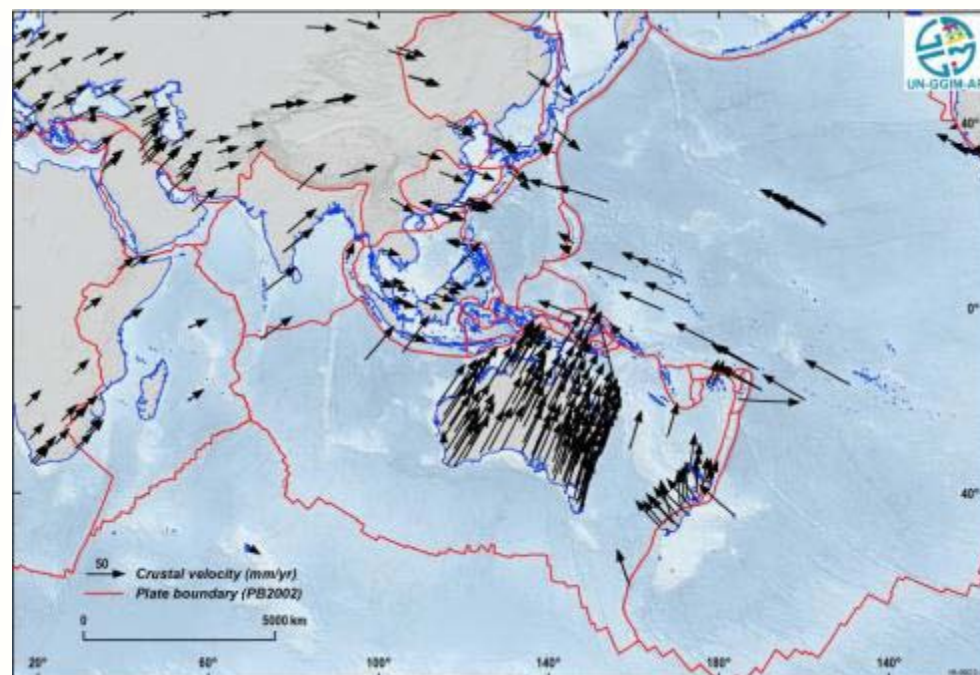
UN-GGIM-AP WG1 - Workshop Content

➤ Why geospatial/geodetic infrastructure



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- Reference frames and GNSS CORS
- Global → Regional → Local



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➤ Modernisation of Geospatial/Geodetic Infrastructure



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➤ Role of Organisations and Sectors



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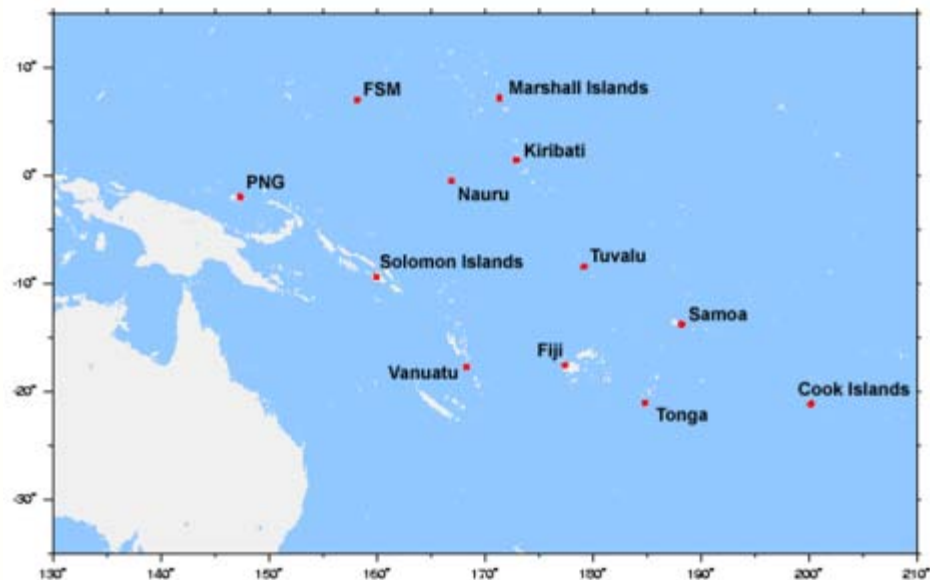
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- Sub-regional challenges and actions
- Pacific Geospatial and Surveying Council (PGSC)



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UN-GGIM-AP WG1 - Discussions

➤ Key challenges

- Poor country-to-country data sharing
- Lack of geodetic standards and agreements for sharing
- Absence of legislation and policies Business models (charging versus free)
- Lack of technical capability
- Poor change implementation practices
- Limited human and funding resourcing
- Communication infrastructure impeding service delivery
- Academic surveying institutions not providing relevant or quality courses
- Decision makers not understanding the importance geodesy



UN-GGIM-AP WG1 - Discussions

➤ Actions

- Joint WG1 and FIG workshop in Kobe, Japan, July 2017
- WG1 workshop at UN-GGIM-AP, Japan, October 2017
- Reference Frame workshop in China, September 2017
- Continue WG1 technical support to Pacific Geospatial and Surveying Council (PGSC)



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