



# FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

*Protecting  
Our World,  
Conquering  
New Frontiers*

# Asia Pacific Capacity (Capability) Development Network

Work plan 2023-2026

Network Chair - Rob Sarib



Organized By



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## Our Mission

Professionals and their organisations have the capability and capacity (CC) to modernise geospatial survey infrastructures (GSIs), and to meet future geospatial and survey challenges.



## Our Outcomes

- CCs are developed and sustainable through alliances with like-minded bodies or development partners.
- Communities are self-reliant, have a culture of learning and innovation, and comprise of a blend of mature and young professionals, and gender.
- Issues and challenges are resolved by a regional, unified, coordinated and collaborative approach.
- FIG profile and membership in the Asia Pacific region is enhanced



## Our Outcomes

- Objectives of the regional group Pacific Geospatial Surveying Council (PGSC) Strategy 2017-2027 “Positioning the Pacific Islands Countries and Territories for the Future” are progressed
- A strategy to regionalise CC development in the south east Asia region is developed.
- CC activity is recognised as an integral part of an organisation’s business
- Our professionals are contributing to the measurement and monitoring of the United Nations (UN) Sustainable Development Goals (SDGs).



## Our Activities

- Identifying and evaluating the essential CCs of the geospatial and surveying community.
- Technical, administrative and professional advice / support through organising, facilitating and actively participating in –
  - Discussion forums
  - Meetings
  - Seminars / Workshops
  - Technical Sessions



## Our Activities

- Advocating and sourcing material to demonstrate the importance of GSIs, and its professionals to the broader community, stakeholders and decision makers.
- Encouraging co-operation and collaboration between countries, like-minded agencies, donor and / or funding organisations, and related professions, through partnerships and agreements.
- Connecting and engaging professional networks from traditional and non-traditional industry sectors.



## Our Performance, measured by effectiveness to

- Deliver support to the Pacific Island Countries and Territories (PICTs) and PGSC with their strategic and implementation plans.
- Engage better with countries from the south east Asia sub region
- Participate in forums, meetings, seminars / workshops, and technical sessions.
- Ensure more consistent inclusion and assistance from both the academia and corporate sector



## Our Performance, measured by effectiveness to

- Assist with the preparation of regional, sub regional, country or organisation based strategic / implementation / operational plans.
- Advise and advocate on UN initiatives - Global Geodetic Reference Frame, Integrated Geospatial Information Framework, Geodetic Centre of Excellence
- Discover existing CC building material, and suitable platforms for portals to share knowledge, experiences and ideas.
- Work with educational institutions to explore how core competencies for GSI can be provided and recognised.





## Our Performance, measured by effectiveness to

- Conceptualise a framework or mechanism that will support mutual recognition of GSI qualifications between countries in a region
- Source communication material / fact sheets that explains the importance and value of GSIs
- Create information that clarifies the role of FIG AP CDN and its partners.
- Collaborate with FIG Commission 5 on the Reference Frame in Practice workshops, and updating of the FIG Publication - Reference Frame in Practice Manual.



## Our Members

Dr. Matt Amos - IAG, LINZ



Dr. Ryan Keenan – FIG Commission 5, UN SCoG ETCD, UN GGCE - IAC



Mr. Neil Ashcroft - Leica Geosystems



Mr. Andrick Lal - PGSC, Pacific Community



Mr. Brent Jones - ESRI



Dr. Suelynn Choy – FIG Commission 5, IAG



Ms. Rosamond Bing - PGSC Chair, Tonga Gov.



Mr. Mikael Lilje - FIG Vice President



Mr. Graeme Blick - UN SCoG, LINZ



Mr. Basara Miyahara - UN GGIM AP, GGOS Chair, Geospatial Information Authority of Japan



Ms. Allison Craddock - UN SCoG - ETCD, IGS



Mr. Gerry Ong - ASEAN Flag



Mr. Nicholas Brown - Geoscience Australia



Mr. Asakaia Tabua - PGSC, Fiji Gov.





## Our Members

Dr. John Dawson – Geoscience Australia



Ms. Molly Powers - National Institute of Water and Atmospheric Research (NIWA)



Dr. Nic Donnelly - FIG Commission 5, LINZ



Dr. Dan Roman – UN SCoG, NOAA - NGS



Mr. Viliami Folau - PGSC, Tonga Gov.



Ms. Kate Fairlie – FIG, Land Equity International



Ms. Sharafat Gadimova - UNOOSA ICG



Mr. Lee Hellen - Geospatial Council of Australia



Ms. Meizyanne Hicks - PGSC Vice Chair



Mr. Rob Sarib - FIG AP CDN, Geospatial Council of Australia



Mr. Matt Higgins – GNSS Expert



Mr Noor Raziq – Lecia Geosystems



Mr. Ady Ruchiatan – President ASEAN Flag



Prof. Chris Rizos – GNSS Expert





## Our Partners (working groups / organisations)

- International Association of Geodesy (IAG);
- International GNSS Service (IGS);
- UN Office of Outer Space Affairs - International Committee on GNSS (OOSA ICG);
- UN Global Geospatial Information Management Asia Pacific (GGIM AP);
- UN Sub-Committee on Geodesy – Education Training Capability Development (SCoG - ETCD);
- UN Global Geodetic Centre of Excellence (GGCE); and
- Group on Earth Observations (GEO)



## Our Partners (professional associations / government-based agencies)

- Pacific Geospatial Surveying Council (PGSC);
- Pacific Community (SPC) - Geoscience Energy Maritime Division (GEM);
- Geoscience Australia;
- Bureau of Meteorology (Australia);
- Land Information New Zealand (LINZ);
- Geospatial Information Authority of Japan;
- JUPEM - Department of Survey and Mapping, Malaysia;
- Ministry of Lands & Natural Resources – Tonga;



## Our Partners (professional associations / government-based agencies)

- Ministry of Lands and Mineral Resources – Fiji;
- ASEAN Flag country members - Brunei, Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam
- Geospatial Council of Australia;
- Surveying and Spatial New Zealand;
- Fiji Institute of Surveyors;
- Japan Federation of Surveyors; and
- National Oceanic and Atmospheric Administration (NOAA) – includes National Geodetic Survey (NGS) and Office of Coast Survey (OCS)



## Our Key Contacts

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*Many thanks for listening!*

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International Fédération of Surveyors  
Fédération Internationale des Géomètres  
Internationale Vereinigung der Vermessungsingenieure

Asia Pacific Capacity Development Network

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## Sessions at Orlando

- Monday, 29 May 08:00–08:50 Nassau, Hilton/Waldorf  
***SIDS MORNING MEETING***
- Monday, 29 May 11:30–13:00 Nassau, Hilton/Waldorf  
***TS01D: SIDS - INTRODUCTIONS OF GLOBAL AND REGIONAL SUPPORTING PARTNERS - Session 1***
- Monday, 29 May 14:30–16:00 Broadway/Carnegie, Hilton/Waldorf  
***TS02J: SIDS - TOP CONCERNS OF THE CARIBBEAN SIDS - Session 2***
- Monday, 29 May 16:30–18:00 Nassau, Hilton/Waldorf  
***TS03D: SIDS - TOP CONCERNS OF THE CARIBBEAN SIDS - Session 3***

## Sessions at Orlando

- Tuesday, 30 May 11:30–13:00 Nassau, Hilton/Waldorf  
***TS04D: SIDS - SUMMARY SESSION AND DEVELOPMENT OF DRAFT DECLARATION - Session 4***
- Tuesday, 30 May 14:30–16:00 Taylor, Hilton/Waldorf  
***TS05G: BUILDING CAPACITY IN GEODETIC COMPETENCY***

## Sessions at Orlando

- Wednesday, 31 May 07:45–08:45 Nassau, Hilton/Waldorf  
***ASIA & THE PACIFIC CAPACITY DEVELOPMENT NETWORK - MORNING MEETING***
- Wednesday, 31 May 14:30–16:00 Flagler/Gilchrist, Hilton/Waldorf  
***TS08B: FIG AFRICA CAPACITY DEVELOPMENT NETWORK – MEETING***
- Wednesday, 31 May 14:30–16:00 Palm, Hilton/Waldorf  
***TS08F: FIG AMERICAS CAPACITY DEVELOPMENT NETWORK - MEETING***