Australian National Geodesy Workshop – 24-25 November 2026

The workshop will be a hybrid meeting, with participants and presenters in-person and online via zoom.

Meeting Room: D.A. Brown lecture room, Jaeger 8, 142 Mills Road.

Zoom Details:
Meeting number: 864 4704 7993
Password: AusGeod26
https://anu.zoom.us/j/86447047993?pwd=vZJrEF5gaEGvUwFsY0tCaMbKkbMtnH.1

Speakers have been allocated 20 minutes for each presentation. Please aim to finish your talk at 15 minutes to leave 5 minutes for questions.

Session Program:

Day 1

Date	*Time*	*Session*	*Speakers*
24 Nov	09:15-9:30	Welcome	Tregoning, Davies
	9:40-10:20	Coasts/Oceans	Salajegheh, Townsend, Feng
	10:20-11:00	Morning tea	
	11:00-12:40	All things "Water"	Taib, Castellazzi, Dodsworth, Dodd, Garthwaite
	12:40-1:30	Lunch	
	1:30-2:50	Solid Earth + "TBD"	Zhao, Stanaway, Petersen, Geng
	2:50-3:20	Afternoon Tea	
	3:20-5:00	Positioning Australia	Riddell, McClusky, Hu, Spezivtsev
	5:00	Close of day 2	
		Drinks/dinner at Badger & Co	

Day 2

Date	*Time*	*Session*	*Speakers*
25 Nov	09:30-10:50	Analysis I	McCallum, Bray, Wang,Pang
	10:50-11:10	Morning tea	
	11:10-11:50	Analysis II	Khodobandeh, Deng
	11:50-12:30	Ice I	King, McGirr
	12:30-1:30	Lunch	
	1:30-2:50	Ice II	Tregoning, Cambour, Ranasinghe, Watson
	3:00	Close of day 2	

Day 1: Tuesday 24th November 2026

Time	*Title*	*Speaker*	*Institution*
	Coasts/Oceans		
09:15	Welcome	Paul Tregoning/Rhodri Davies	ANU
9:30	Coastal Marine Gravity Recovery From SWOT Observations Around the Australian Coast	Farshad Salajegheh	University of Newcastle
09:50	Zero-Configuration GNSS-IR for Coastal Monitoring	George Townsend	University of Newcastle
10:10	Reconstructing Storm-Surge Loading and Elastic Displacement in the Gulf of Carpentaria: Validation Using Subdaily GNSS Solutions	Yanming Feng	QUT
10:30-11:00	Morning tea		
	All things "water"		
11:00	SWOT in wetlands: The Good, the Bad and the Ugly	Maya Taib	ANU
11:20	Space geodesy in groundwater and soil erosion science	Pascal Castellazzi	CSIRO
11:40	Cyclones recharge groundwater aquifers in the Northern Territory, Australia	Ellie Dodsworth	ANU
12:00	Extreme Floods	Lachlan Dodd	ANU
12:20	Something exciting	Matt Garthwaite	CSIRO
12:40-1:30	Lunch		
	Positioning Australia – Chaired by ????		
1:30	Recent activity & updates from IAG + GGOS	Anna Riddell	Geoscience Australia
1:50	Ginan v4.1.5 - What's new?	Simon McClusky	Geoscience Australia
2:10	The Asia Pacific Regional Geodetic Project (APRGP) GNSS campaign	Guorong Hu	Geoscience Australia
2:30	Geodesy at GeoNet: An Overview	Aleksandr Spesivtsev	Earth Sciences New Zealand
2:50-3:20	Afternoon tea		
	Solid Earth +		
3:40	Geodesy in Papua New Guinea - education, research, implementation and outreach.	Richard Stanaway	PNGUoT
4:00	Something very exciting	Jasmine Petersen	UTAS
4:20	Something amazing	Jianghui Geng	SKLPG, China
4:40	Close of day 1		

Day 2: Wednesday 25th November 2026

Time	*Title*	*Speaker*	*Institution*
	Analysis I		
09:30	The need for VLBI frequency protection & how the national geodesy community can help	Lucie McCallum	UTAS
9:50	Next Generation VLBI - Status of VGOS and new results	Benjamin Bray	UTAS
10:10	Integrated InSAR and GNSS for monitoring ground movement at the Port of Brisbane	Jun Wang	UniSQ
10:30	Sub-daily GNSS coordinate repeatability for ground motion monitoring using multiple precise products	Yuqi Pang	QUT
10:50-11:20	Morning tea		
	Analysis II		
11:20	The Hidden Potential of Carrier-Phase Measurements for Future Satellite PNT	Amir Khodabandeh	University of Melbourne
11:40	Sub-monthly estimates of total water storage changes from GRACE-FO data	Huiyun Deng	ANU
	Ice I		
12:10	COM-TG: Combined Mascon Solution of the Temporal Gravity Field	Rebecca McGirr	ANU
12:40	Observed ice-sheet acceleration outpaces process-based Antarctic sea-level projections to 2050	Matt King	UTAS
12:40-1:30	Lunch		
	Ice II		
1:30	The troubles of estimating mass loss in Greenland	Paul Tregoning	ANU
1:50	Study of the Gravimetric and vertical displacement rates ratio induced by GIA	Clement Cambours	ANU - Université Côte d'Azur (France)
2:10	SWOT observations of the Antarctic Ice Sheet	Gayani Ranasinghe	ANU
2:30	GNSS-IR: Assessing surface mass balance models on the Totten Glacier.	Christopher Watson	University of Tasmania
2:50	Close of day 2		