

Commission 7

News Brief

Quarter 2 2025

What is in **this** edition?

- Message from the C7 Chair
- All the news from the Working Week 2025 in Brisbane, Australia
- Call to action for the Annual Meeting 2025, in Florianopolis, Brazil
- Working Group updates

Chair's Message

Greetings C7ers – and welcome to our Q2 news brief.

Thanks to all those who came along for the Australian adventure: the **Brisbane 2025 FIG Working Week**. It was great hosting you all Down Under. When it comes to cadastre and land management, **Australia** is a bit of a **complex** beast. The role of land administration sits with the 6 States and 2 Territories. We also have native title and hundreds of other rights, restrictions, and responsibilities to manage. The complexity for citizens is eased (somewhat) via **digital platforms** that stitch together the State cadastres and provide harmonized transaction services. We had multiple sessions on Australian land administration innovation, so take a look at the proceedings.

On **content**, C7 had 15 stand-alone or joint sessions. Attendance was great throughout. Thanks to all our Session Chairs and Rapporteurs for making these engaging and innovative. We **networked** with the FIG taskforces on the SDGs and Climate, Regional Networks (SIDS), Standards Networks and also Commission 1, 2, 3, and 8. On **knowledge** creation, 2x new whole-of-FIG publications on LADM were launched. Be sure to have a look and well done to the teams who worked on those. Meanwhile, work continued on 3x new publications on FFPLA, FELA and Women's Access to Land.

The fun doesn't stop though. We're now ramping up preparations for FIG C7's **first ever event** in **Brazil** in November. This promises to be an excellent event – but, can only be so with your attendance. Don't worry - we are looking into online options – but, do mark the dates in your calendar. Again, we're collaborating with the **LADM International Workshop** series, **STDM**, and **Commission 8**.

More on all the above in the pages that follow.

Rohan Bennett





New C7 Chair Elect!

A big **congratulations to Dr. Kirsikka Riekkinen** who was successfully elected at the General Assembly to be the new **C7 Chair for 2027-2030**. She is Chair Elect for **2025-26**.

Kirsikka is from **Finland**, works as a Professor, and has been a long-time **supporter** of FIG, and especially C7. She's been our **Vice Chair** since 2023.

Looking forward to continuing to work together – and of course, a smooth handover in 2027.

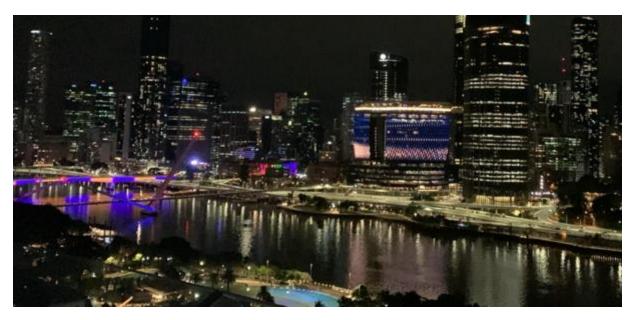
Commission 7 at the FIG Brisbane 2025 **Working Week**

15 sessions, 80+ presentations, 1 meeting, 1 dinner, *some* drinks, 9 new song verses Australian Innovations: indigenous sites, women-into-survey programs **3D and LADM:** IFC, BIM, NSW, Malaysia, New York, esri **FFPLA**: apps in Ghana, Kadaster International in action, trimble toys Land Policy and Law: drone regs, public value, national security **Al in LA**: private, public, tools, responsibility Automation, Digitalisation and Digital Transformation Women's Access to Land (and Administration) Marine Cadastre and Applications **SIDS/APCDN** Joint Session Onwards to Nov, Brazil!





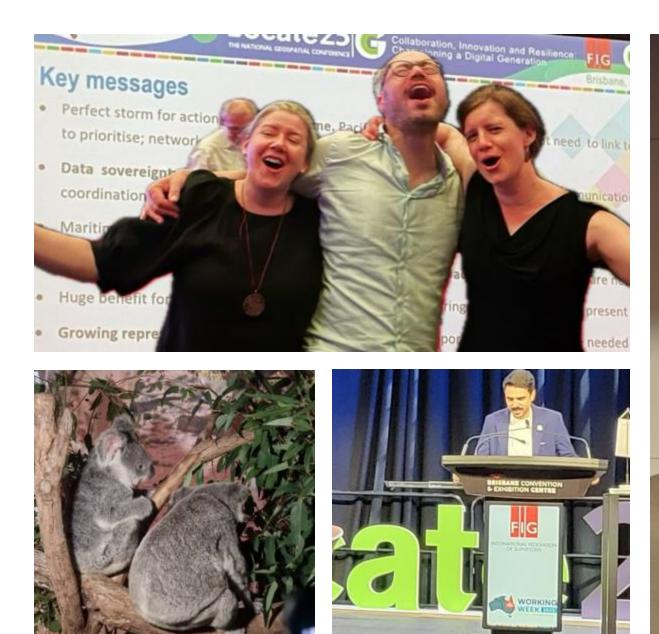






















C7 Brisbane FIG 2024 Working Week Sessions

C7-1 Women's land rights and access to land C7-2 Digital Transformation, Land Management and NSDIs C7-3 Land Policy and Legal Perspectives C7-4 3D Land Administration and LADM I and II C7-5 Fit-for-Purpose Land Administration I **C7-6 Fit-for-Purpose Land Administration II C7-7 Marine** Cadastres and Applications C7-8 AI and Analytics in Land Administration **C7-9 Cadastral Digitisation and Automation** C7-10 Australian Land Administration Innovations I and II **SIDS + Asia Pacific** and Land Administration Sessions **Climate** Compass Session **C7** Commission Meeting



C7 Workplan 2023-26 State of Play

Key 2025 Plans and Activities

 3rd Arab Land Conference, Rabat, Morocco, February



- FIG 2025, 15 sessions, +90 abstracts
- Publications ongoing: LADM Overview LADM in the Classroom FELA in Action FIG Pub 24 Renewal FFPLA



- **C7** Annual Meeting Florianopolis, **Brazil**, with C8, November
- Online: FFPLA Workshop Series



FIG Commission 7 2023-26 Workplan Dashboard Current 2026 2023 2024 2025 Status WG 7.1 FELA 70% 5.00% Case and Tool Capture 25% 100% Activities 30% 20.00% Advocacy and Awareness 55% 10% Outputs 45% FELA Publication 10% 30.00% 5% WG 7.1 FFPLA 30% 0.00% FFPLA Implementation Survey 10% 40% Activities 60% 15.00% **FFPLA Case Stories** 25% 100% Land Tenure Dav 0% 0% 0.00% 0% Outputs FFPLA Publication 0% 15% 25.00% 40% WG 7.3 3D&LADM Activities LADM Revision Support 55% 10.00% 25% 90% Broading 3D Land Administration 55% 0.00% 10% 65% Outputs LADM Revision Document 0% 55% 20.00% 75% 2nd SI on LADM Revision 0% 55% 20.00% 75% WG 7.4 AI&RS 55% 20.00% Technique and Tool Identification 25% 100% Activities Country Level Case Capture 25% 25% 20.00% 70% Outputs RS&LA Publication (SI) 0% 0% 0.00% 0% WG 7.5 Women FIG Pub 24 Review 30% 5.00% 15% 50% Activities Stand for Her Land Support 20% 10.00% 50% 20% Case Story Capture 45% 25% 10.00% 10% 15% 10.00% 30% Publication 24 Update 5% Outputs Field Catalogue 0% 10% 30.00% 40% WG 7.6 LA+LUP 40% 20.00% Capturing country cases 20% 80% Activities 40% 20.00% Capturing tools and techniques 20% 80% Outputs 10% 10.00% Publication DT&LM 20% 0% 5% SI on DT&LM 0% 5% 0.00% WG 7.7 LA Education 50% 20.00% TERLA development 20% 90% Activities 50% 20.00% 90% Curriculm Review 20% TERLA Publication 0% 100% 0.00% 100% Outputs 20% 0.00% Journal Article 0% 20% WG 7.8 Comparative Cadastres Needs Assessment 5% 20% 0.00% 25% Activities 25% Strategy Development 5% 20% 0.00% Pilot Implementation 5% 0% 0.00% 5% Outputs State-of-Play Reports x4 25% 10% 65.00% 100% Pilot / Demonstration / Implementation 0% 0% 0.00% 0%

FIG JOINT LAND ADMINISTRATION CONFERENCE

Conference Events:

- Annual Meeting of FIG Commission 7 (Land Cadastre and Management);
- Annual Meeting of FIG Commission 8 (Spatial Planning and Development);
- UN-Habitat Social Tenure Domain Model (STDM);
- FIG Workshop on Land Administration Domain Model (LADM) and 3D Land Administration.

Event Information:

- Held from November 3rd to 5th;
- · Florianópolis, SC;
- Submission of the article summary until May 15th.
- https://figbrasil.paginas.ufsc.br/
- () @fig.brasil

SIGN UP NOW!

FIG JOINT LAND ADMINISTRATION CONFERENCE

Eventos de la conferencia:

- Reunión Anual de la Comisión 7 de la FIG (Catastro y Gestión de Tierras);
- Reunión Anual de la Comisión 8 de la FIG (Planificación y Desarrollo Territorial);
- Modelo de Dominio de Tenencia Social (STDM) de ONU-Hábitat;
- Taller de la FIG sobre el Modelo de Dominio de Administración de Tierras (LADM) y la Administración de Tierras en 3D.

Información del evento:

- Celebrado del 3 al 5 de noviembre;
- · Florianópolis, SC;
- Envio del resumen del artículo hasta el 15 de mayo.
- https://figbrasil.paginas.ufsc.br/
- O @fig.brasil

REGÍSTRATE AHORA!

FIG JOINT LAND ADMINISTRATION CONFERENCE

Eventos da Conferência:

- Reunião Anual da Comissão 7 (Cadastro e Gestão de Terras) da FIG;
- Reunião Anual da Comissão 8 (Planejamento e Desenvolvimento Espacial) da FIG;
- Modelo de Domínio de Posse Social (STDM) da ONU-Habitat;
- Workshop da FIG sobre o Modelo de Dominio de Administração de Terras (LADM) e Administração de Terras 3D.

Informações do Evento:

FIG 🧱 🕞 🍔 LabFSG

- Realização de 3 a 5 de novembro;
- Envio do resumo do artigo até 15 de maio.
- https://figbrasil.paginas.ufsc.br/
- O @fig.brasil

INSCREVA-SE AGORA!

FIG **C7 Annual Meeting**, Florianopolis, Brazil



Integrated Land Administration for Climate Geo-Resilience and Sustainable Development







Planning for our C7 Annual meeting is now well and truly underway. It will take place from **November 3 - 5, 2025**, **Florianópolis - Santa Catarina, Brazil**.

Website is up and running: https://figbrasil.paginas.ufsc.br/en/

We are **partnering** with UFSC, PPGTG, GOTT, LabFSG, alongside, INCRA, Ministério das Cidades, Receita Federal do Brasil, Prefeitura de Florianópolis, Secretária do Patrimônio da União – SPU, and Associação dos Engenheiros Agrimensores de Santa Catarina to deliver this event.

Like 2024, the event will be joint and include:

- 13th Internacional FIG Workshop on The Land Administration Domain Model & 3D Land Administration
- FIG Commission 7 (Cadastre and Land Management) Annual Meeting
- **FIG Commission 8** (Spatial Planning and Development) Annual Meeting
- UN Habitat Social Tenure Domain Model (STDM)



Price and Program

Registration	1st Batch - 8	3/31/2025	2st Batch after 8/31/2025	
Undergraduate students	\$ 55,	00	\$ 70,00	
Graduate students	\$ 85,	00	\$ 100,00	
Teachers/ Researchers/Other professionals	\$ 150,00		\$ 165,00	
Registration + Accomodati	on + Transfer			
Undergraduate stud	lents	\$ 500		
Graduate studen	ts	\$ 550		
Teachers/ Researchers/Other	professionals	\$ 600		

Starting Ending		Duration	Monday November 3rd	Tuesday November 4th	Wednesday November 5th
time	time		Activities	Activities	Activities
08h30	09h30	01h00	Opening Ceremony	Keynote 2	Keynote 3
09h30	10h30	01h00	Keynote 1	Paper Sessions	Paper Sessions
10h30	11h00	00h30	Coffee Break	Coffee Break	Coffee Break
11h00	12h30	01h30	Paper Sessions	Paper Sessions	Paper Sessions
12h30	14h00	01h30	Lunch Break	Lunch Break	Lunch Break
14h00	16h00	02h00	Paper Sessions	Paper Sessions	Paper Sessions
16h00	16h20	00h20	Coffee Break	Coffee Break	Coffee Break
					Closing
16h30	18h00	01h30	Paper Sessions	Paper Sessions	Ceremony





Abstract and Paper Submission

All and any submissions to any part of the event should go through this site

https://gdmc.nl/3DCadastres/workshop20 25/

Activities	Data	
Submission of the Extended Abstract (500 - 1000 words)	15 May 2025	
Submission for Review and Evaluation by the Scientific Committee of the Article	01 July 2025	
Send Final Version of the Full Article	15 September 2025	
Workshop	3-5 November 2025	



WG7.1 Framework for Effective Land Administration

This group is Chaired by **Amalia Velasco**. You can get in touch here via <u>amvemava@gmail.com</u>. The draft FIG publication on FELA is still under production. Meanwhile, the WG encourages your attendance at the following event from EuroSDR

Invitation

EuroSRD welcomes everyone interested in the challenges related to the development of contemporary land administration systems, addressing different perspectives, such as governance, technology and human capacities. It is open to a limited number of 50 participants. Please register <u>here</u>.

This lunch-to-lunch workshop will be hosted by <u>IGN, France (St Mandé, Paris</u>) on 16 – 17 June. For more information, you can contact Frédéric Cantat: <u>Frederic.Cantat@ign.fr</u>

Program Committee

Frédéric Cantat (IGN France), Joep Crompvoets (KU Leuven, Belgium), Eva Maria Unger (Kadaster, The Netherlands), Anka Lisec (University of Ljubljana, Slovenia), Ivar Oveland (Kartverket, Norway), Martijn Rijsdijk (Kadaster, The Netherlands), Elisabeth Leblanc (IGN France), Vents Priedoliņš (State Land Service, Latvia), Paula Dijkstra (Kadaster, The Netherlands)





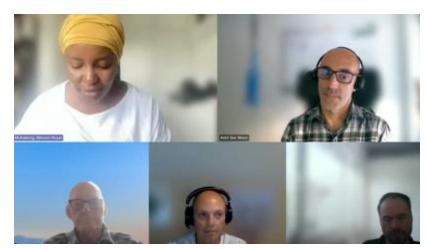


International Workshop on challenges in relation to the UN Framework for Effective Land Administration (FELA)

16 - 17 June 2025 (IGN, Saint Mandé, Paris, France)

Innovations in Fast-Tracking Land Registration FFPLA Working Group W...





WG7.2 Fit for Purpose Land Administration

- Dr. Israel Taiwo taiwo io@fedpolyado.edu.ng leads the FFPLA WG. They've just completed the first of a regular series of online workshops on FFPLA applications, challenges, and future developments. This includes speakers and participants from industry, professional bodies, and government.
- You can watch the recording via this <u>link</u>. Watch the recording and catch up on the presentations and discussions made during FFPLA 0, Innovations in Fast-tracking Land Registrations.
- The team is also working on the new **FFPLA** publication for FIG.
- Stay tuned for more of these



WG7.3 3D and LADM

As always, there is lots going on with group, led by **Peter van Oosterom** <u>p.j.m.vanoosterom@tudelft.nl</u>.

Note: this group does not use Whatsapp, so get in touch with Peter directly if you'd like to join the mailing list. For Q2, here is the latest. Here is a summary of the most recent email from Peter.

We're excited to announce the **International FIG Workshop on LADM & 3D LA** will be held in Latin America for the first time! Join us in **Florianópolis**, **Brazil**, **3–5 November 2025**, as part of the **FIG Brasil Joint Land Administration Conference**. The event will be multilingual and aligned with COP30, focusing on "Integrated Land Administration for Climate Resilience and Sustainable Development." Abstract submissions are due by **15 May 2025**.

- FIG has released two new publications, with big thanks to Chrit, Malumbo and others:
- *LADM An Overview*: A comprehensive introduction to the Land Administration Domain Model.
- *LADM in the Classroom*: Case-based learning for structuring land information.
- Congratulations to co-chair **Eftychia Kalogianni**, who will defend her PhD, *3D Land Administration in line with Spatial Development Lifecycle*, on **2 October 2025** at TU Delft.

Lastly, a quick reflection on **FIG Working Week 2025** in Brisbane—fantastic sessions but website usability could improve. Next year: Cape Town!



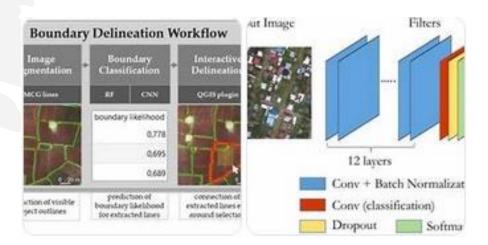
WG7.4 AI and Remote Sensing 4 LA

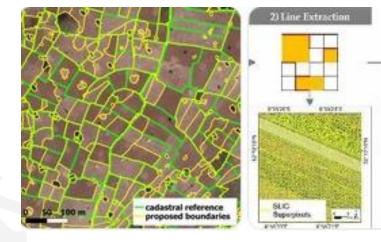
Mila Koeva m.n.koeva@utwente.nl leads this WG, with strong scientific ties to ISPRS. Recent publications include:

- Grift, J., Persello, C., & Koeva, M. (2024). CadastreVision: A Benchmark Dataset for Cadastral Boundary Delineation from Multi-Resolution Earth Observation Images. ISPRS Journal of Photogrammetry and Remote Sensing, 217, 91–100.
- Grift, J., Persello, C., & Koeva, M. (2023). Cadastral Boundary Delineation Using ٠ Deep Learning and Remote Sensing Imagery: State of the Art and Future Developments. FIG Working Week 2023.
- Rahimpour Anaraki, N., Tahmasbi, M., & Kheradpisheh, S. R. (2025). Detecting • Cadastral Boundary from Satellite Images Using U-Net Model. arXiv:2502.11044.
- Rahimpour Anaraki, N., Azadbakht, A., Tahmasbi, M., Farahani, H., Kheradpisheh, S. ٠ R., & Javaheri, A. (2023). Automatic Cadastral Boundary Detection of Very High Resolution Images Using Mask R-CNN. arXiv:2309.16708.

Future directions: Method transferability (e.g. Nepal)

We welcome your ideas for new case studies-get in touch with us!







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Interactive

WG7.5 Women's Access to Land (and Administration)

This guarter, the team led by Marisa Balas and Kate Fairlie had a productive period, actively participating in key sessions at the Working Week and advancing collaborative projects. Highlights included the wellattended WLRs session with 50 participants and four papers presented, along with a summary review of **Publication 24**. The team also engaged in SDG Task Force sessions focused on SDGs 1.4.2 and 5.a.1 and contributed to the C8 session on Gender and Spatial Land Governance. Progress was made on Publication 24 with an agreed work schedule and author list, while new partnerships were formed with Commission 1 for Publication 17 (Code of Conduct), and with GLTN, UN-Habitat, and the National Surveyors Association of Kenya for the Clinic Day Initiative. Key takeaways from the FIG Working Week in Brisbane are now available on the team's LinkedIn page. To get involved, scan the QR code to join the WhatsApp group or contact Marisa directly at marisa.balas@gmail.com









In Mongolia and Tanzania, the Women's Land Tenure Security (WOLTS) Project, focused on nurturing cohorts of 'gender and land champions', both women and men, which led to forming a

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critical mass for change, not only around local land governance, land management, and landscape development planning, but also

A focus on gender rather than solely on women, and the practice of including men and fostering support from community leaders, has allowed attitudes about land rights and governance to evolve in an



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housing-related judicial proceedings.

34% in 2023

Locate25

expertise.

Reforms are very much needed to improve women's access to land.

ownership of land for couples, including those in de facto unions.

female ownership of family farms increased from 11% in 2014 to

Furthermore, women in Uruguay benefit from legal protections in

Empowering women and girls is vital for the

Sustainable Development!

The Kiribati Women in Mapping (KWM) project is a pioneering initiative to empower women and girls in Kiribati through Geographic Information

KVMM focuses on equipping women-particularly school dropouts and those facing financial or social challenges-with practical GIS

Gesri

Systems (GIS) training and community engagement.

tanana in DOLIV

This was formalized in 2019, recognizing co-ownership when both partners are actively involved in farming activities. As a result,

Since 2015, Uruguay has defined policies to promote joint



WORKING

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WG7.6 Digital Transformation and Integration of Land Management

- This group is led by Claudia Lindner <u>claudia.lindner@kadaster.nl</u> and Walter de Vries. Here is the news.
- FIG 2025 was a great success for the joint **WG 7.6/8.4** with **2 sessions** highlighting the role of digital transformation for integrated land management, +10 presentations, packed rooms and great discussions
- The topic of **integrated land management** got a boost in **#relevance:** throughout the event, it was covered in several panel discussions and technical sessions
- Now, with a lot of new input and inspiration the WG co-chairs are working hard to prepare the **concept note for the FIG publication**.
- Finally, a warm welcome to all new WG friends and contributors







WG7.7 Land Administration Education

Led by Assoc. Prof. Simon Hull <u>simon.hull@uct.ac.za</u>, in Q2 this group:

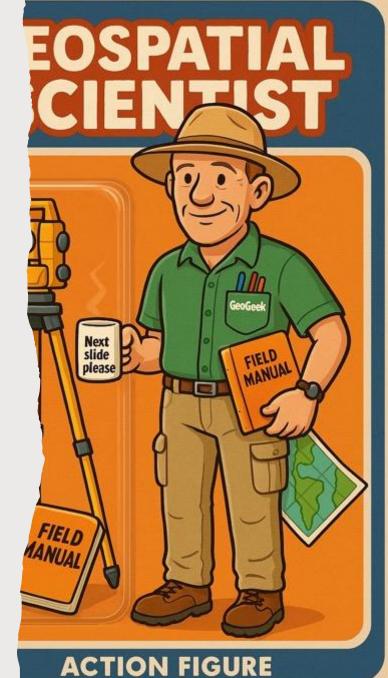
Led by Royal Mabakeng and Simon Hull, the LA Ed Working Group is preparing an extended abstract for the Annual Meeting in Florianopolis in November. The paper is an exploration of various published guidelines for land administration (and related) curriculum development and implementation. The next phase, with anticipated presentation at the Congress in May 2026, will be a comparison of existing curricula against these guidelines.

In **June 2025, Commission 3 and 9** are joining the **UNECE** for a Housing and Land Management workshop. Grazyna Wiejak-Roy will host a discussion around the various curriculum development guidelines, asking whether curriculum developers are being pointed in the same general direction. Her findings will be used to support the AM paper.

Through **NELGA and with support from GIZ, a TERLA MOOC** is under development and it is hoped it will be released in August/September of 2025. The Working Group has been providing comments and input into the MOOC's development.

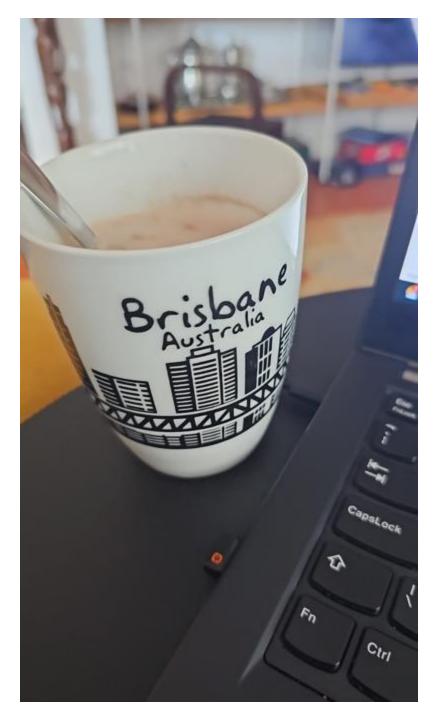
Led by **Grazyna Wiejak-Roy, with support from Uchendu Chigbu** and Simon Hull, the Working Group is looking at repeating the review of TERLA uptake done in 2021 (presented at the e-Working Week) with the aim to present the findings at the Congress in May 2026. By then, five years would have elapsed since the previous review. As always, the intention of the Working Group is to spread the word about the TERLA and support its further uptake.

Finally, on the somewhat frivolous side, the WG chair (Simon Hull) has been exploring what **ChatGPT** knows about him. During the conversation, he asked it to make a figurine / avatar of himself. The results have ranged from cute to scary to funny. Why? you ask. Partly curiosity, partly vanity, partly fun, but partly because these types of AI are here to stay and are getting better - as educators, we need to be familiarising ourselves with how to use them, because our students are almost definitely ahead of us!



Mapping Geomatics Education around the World





The Ballade of Commission 7 by Jürg Kaufmann. Switzerland 1996 – 2001 (Updated: Rohan Bennett and Vincent Verheij, 2023, 2025)

In this world, you'll find a Commission, A better Commission you'll never see. And this is our Commission 7, Commission 7 of FIG And this is our Commission 7, Commission 7 of FIG

Commission 7 is for Cadastres, The peak professional body globally. You must be part of Commission 7, Commission 7 of the FIG You must be part of Commission 7, Commission 7 of the FIG

Last year to Africa and Asia, We travel'd to Accra, Sarawak, Kuching We met for Commission 7, on Digital and Sustainability We met for Commission 7, on Digital and Sustainability

This year with thanks to Brisbane, Queensland Bloody beaut! it's warm and sunny Working Week and Commission 7, Commission 7 of the FIG Working Week and <u>Commission</u> 7, Commission 7 of the FIG

FFP, LADM, and EELA:

S4HL, TERLA, AI and SDG. They're acronyms of Commission 7; Commission 7 of the FIG They're acronyms of Commission 7; Commission 7 of the FIG

Amalia, Israel, and Peter:

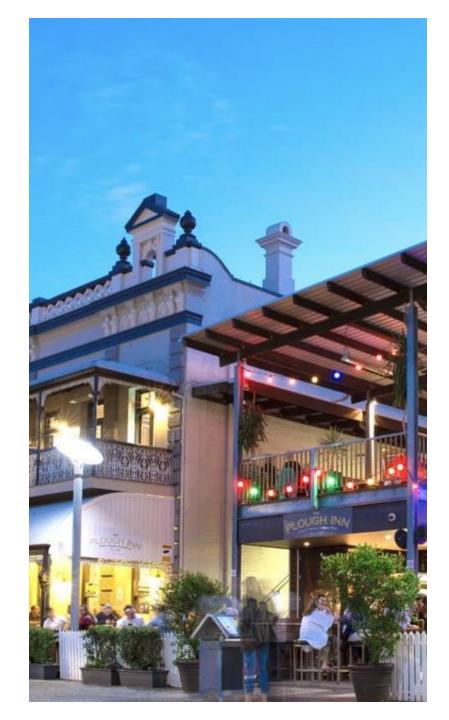
Mila, Marisa, Claudia, Simon, Tommy, Working Group Chairs of Commission 7; Commission 7 of the FIG Working Group Chairs of Commission 7; Commission 7 of the FIG

We've worked hard for two days together;

And we've drunk more than only tea It's fun to be with Commission 7; Commission 7 of the FIG It's fun to be with Commission 7; Commission 7 of the FIG

Time to speak a little 'Aussie', Cry out, 'Aus-sig Aus-sig Aus--sig' Oi, Oi, Oi, ...Commission 7, Commission 7 of the FIG Oi, Oi, Oi, ...Commission 7, Commission 7 of the FIG

See you all in Brazil, Florianopolis, This November, that's where we'll be We'll sing again for Commission 7, Commission 7 of FIG We'll sing again for Commission 7, Commission 7 of FIG



Want more regular **FIG C7** updates?



JOIN OUR VERY ACTIVE **WHATSAPP** COMMUNITY **CONTACT:** ÁNGEL COLLADO MURILLO ANGEL.COLLADO@UCLM.ES WE'RE ALSO ACTIVE ON LINKEDIN LINK: HTTPS://WWW.LINKEDIN.COM/SHOWCASE/FI G-COMMISSION-7-CADASTRE-AND-LAND-MANAGEMENT/?TRK=PUBLIC_POST_FOLLOW-VIEW-PROFILE