

News Brief | November 2023

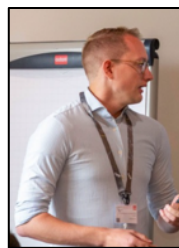
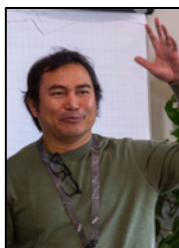
Dear FIG C7 delegates and friends,

Yes, that's right! Back-to-back newsletters! We're on a roll. Herewith, the November 2023 update. We'll wrap up the 2023 Annual Meeting (2-4 October 2023, in Deventer, Netherlands), rounding out the reviews of the remaining Working Groups. Hopefully, you now have a very good taste of what C7 is working on, who is involved, why they're doing it, and how to get involved. Again, a big thanks to **Angel Collado** (C7 Social Media) for compiling the images and content below. Find it all on LinkedIn – and don't forget the C7 webpage: <https://www.fig.net/organisation/comm/7/>.

1. AI&RS for Land Administration (Working Group 7.4)



The 'Artificial Intelligence and Remote Sensing for Land Administration' Working Group (7.4) session at the C7 AM was led by Chair, **Dr. Mila Koeva (Bulgaria)**. This hot topic area and bumper session included papers from Jeroen Grift (The Netherlands) on "Toward Large Scale Cadastral Mapping with Deep Learning: A Benchmark Dataset"; Ron Dalumpines (USA) on "How AI can be used in land management? "; Kim Jeong O (Republic of Korea) on "Efficiency of cadastral survey work through combining of GNSS devices and AR technology"; Linda M. Foster, PLS, GISP, MGIS Foster (USA) and Mazin Shahwarzi (Oman) on "Together, AI and GIS Strengthen Land Administration in Oman"; Uttam Pudasaini (Nepal) on "Drones and Web GIS based Street Naming and Household Addressing System: A case of Changu Narayan- An Urbanizing Municipality from Kathmandu, Nepal"; Stefan Bussemaker (The Netherlands) with his "Overview of AI Applications at The Netherlands' Cadastre, Land Registry and Mapping Agency"; and Simon Šanca (Norway) with his paper on "Automatic Georeferencing of Land Consolidation Maps with AI". See the full articles here: <https://lnkd.in/etmAeu7D>. The group is seeking to act as a hub for all knowledge creation and sharing around all aspects of AI/RS in our domain. With lots of R&D over the previous decade, and now increasing numbers of scaled case examples, this group is one to watch!

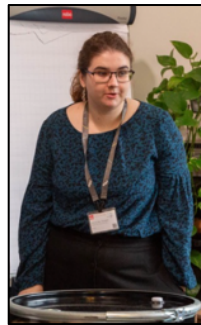


2. Comparative Cadastres (Working Group 7.8)

Remember Cadastre 2014? Wasn't it just great? Well, don't worry, it's still very much alive and well. That said, there is increasing interest from stakeholders outside FIG to access and share information about national cadastres and land administration systems. But, what exactly do they want? What does the land

Commission 7

administration community want? How do we best go about capturing, curating and sharing this information? Well, that is what WG7.8 is all about. At the C7 AM, **Charl-Thom H. Bayer** (Namibia) led a robust discussion, acknowledging the ongoing 'Knowledge in FIG' think-tank work being led by Daniel Steudler (FIG Vice President) and Eva-Maria Unger (OICRF Director). Papers were presented by Karolina Itäinen (Finland) on "Prominent Themes and Challenges in Comparing Cadastral Systems" and Charl-Thom on "Comparative Land Data for Land Administration Innovation". See the full papers here: <https://lnkd.in/etmAeu7D>. A more detailed concept note looking into capturing the needs/wants of the broader land sector, and envisioning the different options for sharing the data is currently being compiled, based on the discussions. Stay tuned on this.



3. 3D Land Administration and LADM (Working Group 7.3)



Last, but certainly not least! WG7.3, led by **Prof. Peter van Oosterom (Netherlands)**, is the longest standing working group in Commission 7. It's been directly involved, for well over a decade (if not 2!?), with the development of both 3D land administration – in terms of concepts, demos, and national surveys - and also the ISO 19152 LADM standard (2012), and its subsequent review and update (currently ongoing). Papers in these sessions included Peter's talk on "Integration of multiple data sources for 3D Land Administration through the lifecycle of 3D objects"; Doris Smudde's (The Netherlands) "BIM Legal the standard for the 3D transformation of legal certainty for apartment law"; Jantien Stoter's (The Netherlands) "BIM Legal: defining a standard for 3D cadastral registration of

apartment complexes"; and Gerlof de Haan (The Netherlands) with "Totally 3D" presented their papers. Click here for the full articles: <https://lnkd.in/etmAeu7D>. Remember, this group has its own long-standing mailing list, so contact Peter VO to get hooked in: P.J.M.vanOosterom@tudelft.nl



Commission 7

4. FIG Commission 7 Annual Meeting 2024

Following immediately on from the 3D/LADM WG7.3 review, we're very happy that we can already announce the date and location of the of the 2024 C7 Annual Meeting. Having been hosted in Europe the previous 2 years, the Annual Meeting will head to Asia, and will be hosted in **Kuching, Malaysia, 24-26 September 2024**. It will be a joint event together with:

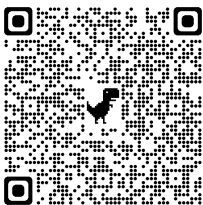


1. Geoinformation Week 2024 Malaysia, including Exhibition from vendors;
2. FIG Commission 7 Annual Meeting;
3. 12th International FIG Workshop on LADM & 3D LA (WG7.3);
4. A potential GLTN / UN Habitat STDM event; and
5. Likely joint sessions on FELA with UNGGIM EG-LAM (WG7.1);

For the C7 event, we're also exploring opportunities to link with ASEAN cadastral surveyor associations, and to conduct other side events with international donors (e.g., World Bank). Stay tuned. The team of local organizers consists of the University of Technology Malaysia (UTM), the Sarawak Land and Survey Department (JTS), and the Royal Institution of Surveyors Malaysia (RISM) Sarawak Branch. We're still working on the official C7 AM website, but, you can already get further details here:

<http://www.gdmc.nl/3dcadastres/workshop2024/>

5. Workplan 2023-26 Dashboard



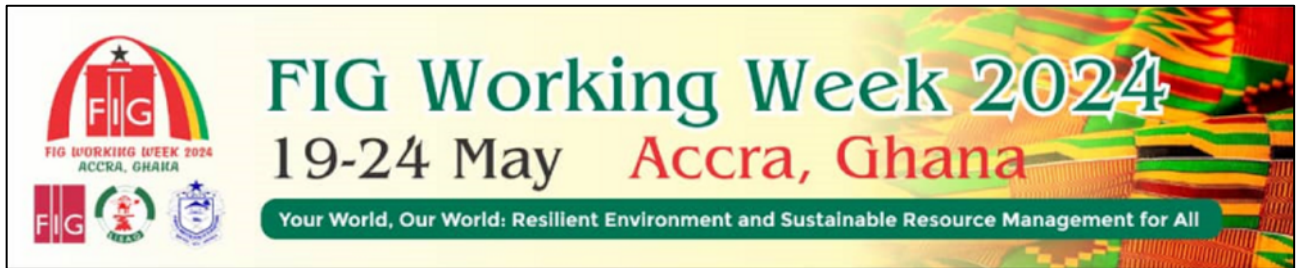
Ok, so you've seen and heard from all 8 Working Groups now. Want to know more? Head to the Commission 7 website and read the **2023-26 C7 Workplan** (otherwise. Scan the QR code). You can also **track the progress** of the C7 Working Groups, in terms of activities and outputs, via our dashboard:

<https://docs.google.com/spreadsheets/d/1BZxRfO98ZB43S5Q-YC74yRypGHTryuYXUg8JBKrHJrQ/edit?usp=sharing>

6. FIG Working Week Ghana 2024

Don't forget – the FIG 2024 Working Week is fast approaching! Abstract submission is now closed, and all authors will be informed of acceptance by December 01. It's looking like another packed agenda for C7, with around **150 abstracts submitted to the Commission**. We'll be looking to use innovative ways to ensure everyone gets a chance to present, listen and engage. All the C7 Working Groups will have sessions and we're still exploring ways to join forces with the SDGs Taskforce and Climate Compass Taskforce. Of course, all the Working Groups will be in action – and we'll link with the other Commission too. It promises to be another excellent event! Want more? Go here: <https://fig.net/fig2024/call.htm>

Commission 7



7. FIG C7 @ APGF and 12th UNGGIM-AP Plenary, Indonesia

Recently, FIG was also well represented at the joint **Asia-Pacific Geospatial Forum** and **UNGGIM-AP 12th Plenary** in Bali, Indonesia, 6-10 November. Commission 7 Chair, **Rohan Bennett**, reported on developments within FIG and C7, and specifically focused on the work happening around FELA (read C7 October News Brief on WG 7.1). Synergies between the workplans of C7, the UNGGIM-EG LAM (Expert Group on Land Administration and Management), and the UNGGIM-AP WG2 (Cadastre and Land Management) were well noted and recognised. These bodies need to work together! FELA can be an excellent tool for land administration system advocacy, assessment, design and renewal. Other representatives from FIG included those from C5, and the Americas & Asia Pacific CDs. Thanks to Rob Sarib for the image below.



8. FIG C7 @ APGF and 12th UNGGIM-AP Plenary, Indonesia

Finally, FIG Commission 7 WG7.5 (Women’s Access to Land) will be present and active at the upcoming **Conference on Land Policy in Africa (CLPA)** in Addis Ababa, Ethiopia, 21-24 November. FIG C7, FIG SDGs Taskforce, and Stand for Her Land (S4HL) will link to the FIG Africa Regional Network’s 1st High-Level Forum Meeting of Presidents of Land Associations in Africa to be held at the African Union HQ. WG 7.5 Chair, **Marisa Balas**, will co-lead a side-event dedicated to identifying and enhancing synergies between all stakeholders involved in enhancing women’s land rights. Goodluck Marisa! More here:



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

Commission 7

https://www.linkedin.com/posts/fig-sdg-task-force_hlfm-equitablelandrights-sdg5a-activity-7130472688883511298-xJZh?utm_source=share&utm_medium=member_ios

	<p>High-Level Forum Meeting of Presidents of Land Associations in Africa</p>
<p>Enhancing Women’s Land Rights: Synergies from Different Stakeholders</p>	
<p>Ensuring that women have access to land requires a multi-faceted and interconnected approach by the international, regional, and national players. These include policy makers, land institutions, CSOs, IGOs and NGOs, private sector and communities. The aim to give women equal rights to access to ownership and control over land is reflected in the Sustainable Development Goals of the 2030 Agenda.</p>	
<p>The International Federation of Surveyors (FIG), as the international representative body of surveying professionals, has a key role to play in realizing women’s equitable access to and control of land. FIG, through its Commission 7, the FIG Task Force on SDGs and the Africa Regional Network provide a platform to inform, inspire the community of surveying and land professionals. The Stand For Her Land (S4HL) campaign is a global collaboration to advance secure and equitable land, housing, and property rights for women globally, working via collective, locally-developed and locally-led advocacy to ensure that land tenure governance, reforms, and processes equitably include, benefit, and are led by women.</p>	
<p>Together, FIG and S4HL, we can enhance women’s access to land and ensure a people’s centered land governance.</p>	
<p>Participate and help us define actions that leverage synergies and develop concrete actions to advance Women’s Land Rights across the continent.</p>	
<p>FIG and S4HL Campaign SIDE EVENT</p>	
<p>CLPA 2023 ADDIS ABABA MON 20 NOV 14:00-15:30</p>	