



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



FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting
 Our World,
 Conquering
 New Frontiers

FIG Commission 3

Spatial Information Management

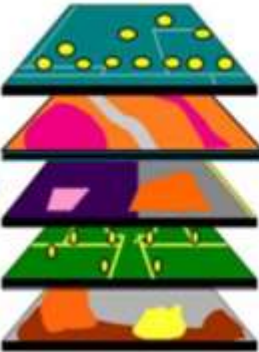
Agenda 2023-2026

Dr. Sagi Dalyot, Chair

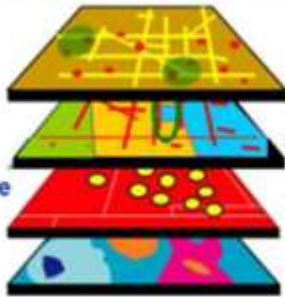




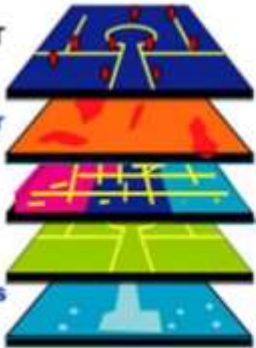
SOCIAL
 Society
 Poverty
 Education
 Health
 Population
 Employment
 Water
 Sanitation
 Equality
 Gender
 Governance



ECONOMIC
 Well-being
 Cities
 Water
 Energy
 Infrastructure
 Industry
 Sanitation
 Economy



ENVIRONMENT
 Water
 Seas/oceans
 Land use/cover
 Ecosystems
 Forests
 Agriculture
 Climate
 Biodiversity
 Natural hazards
 Pollution



Source: UNGGIM

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Equal, Liveable, Available and Affordable Spaces

- **Know-how dissemination:** Continue to push forward the role of Commission 3 as an international originator of spatial information expertise and excellence within the surveying domain.
- **Open data and supporting communities:** Introduce citizens as the greatest resource to mitigate urban challenges. Promote local involvement to improve urban infrastructure and living conditions.
- **Extend the scientific footprint:** Foster the publication of high-quality research reports and papers in the spatial domain. Extend FIG3 portfolio as a scientific platform.
- -> developing regions, sustainable urban development, local initiatives, **SDG**, outreach, cooperation.



- **Restructure FIG com3 WGs to focus on the pillars of spatial data and applications:**
 - collection and management, including contributed and user-generated geodata, ubiquities and emerging technologies, SDI and geodatabases, standards and ethics.
 - handling and processing, including data-mining and knowledge recovery, geoAI, and GIS.
 - usage, including nD cadaster, smart cities, land and city planning, and environmental knowledge.



Structure

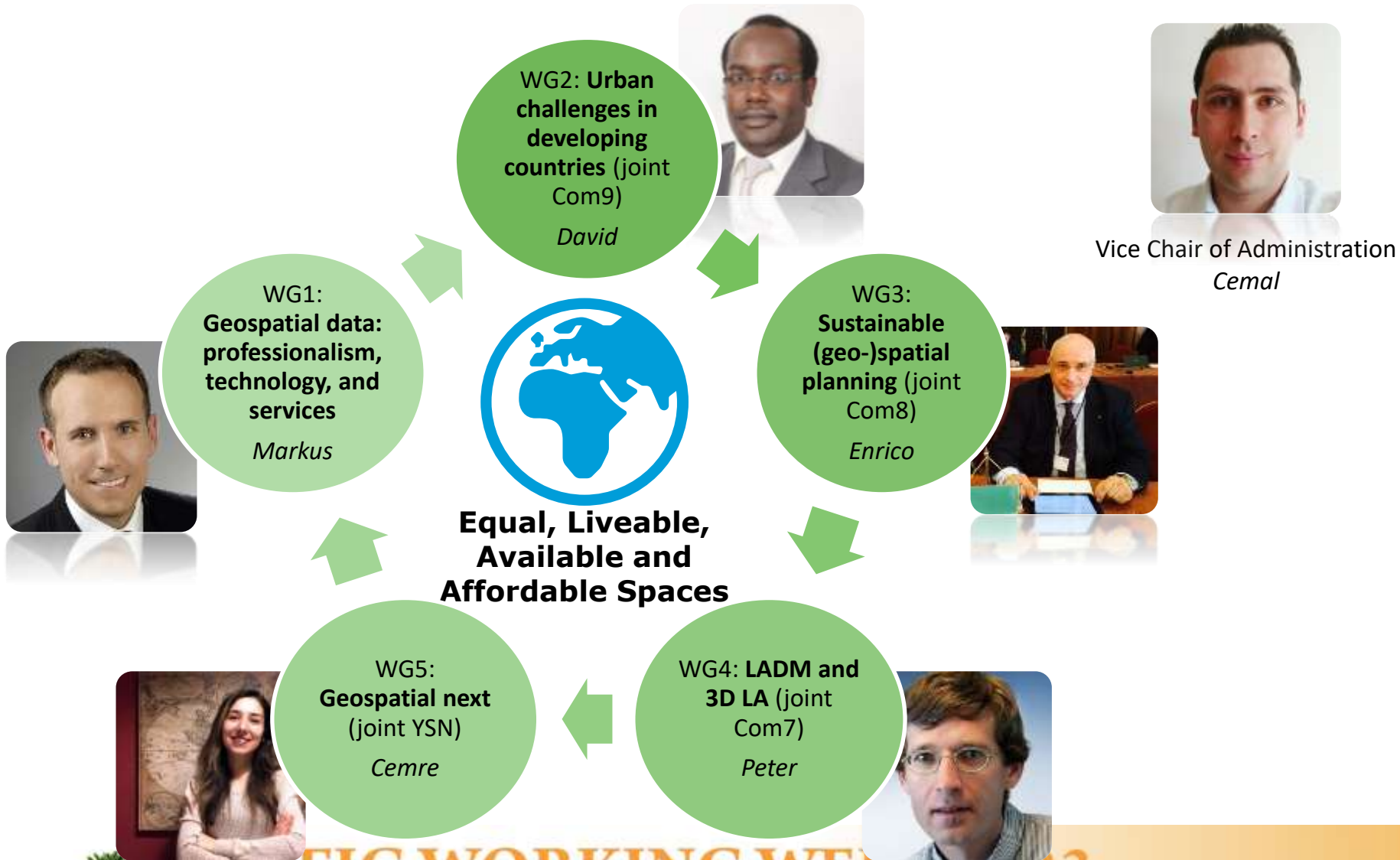


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Immediately



SDG & FIG Commission overview

The table below highlights how and which SDG's the individual Commission is involved with. To know more about their work, click on the icons.



In cases where the FIG Commission can play a role in creating awareness and contribute to achieving the SDG's, this icon is present.



In cases where the FIG Commission can play a role in measuring the Indicator, this icon is present.

	Com. 1	Com. 2	Com. 3	Com. 4	Com. 5	Com. 6	Com. 7	Com. 8	Com. 9	Com. 10	YSN	ARN	AP/ARN	Standards
1 NO POVERTY			i				i	i			i	i		i
2 ZERO HUNGER			i				i	i			i			i
3 GOOD HEALTH AND WELL-BEING			i											i
4 QUALITY EDUCATION		i	i								i	i		i
5 GENDER EQUALITY	i						i				i			i
6 CLEAN WATER AND SANITATION				i	i	i		i			i			i
7 AFFORDABLE AND CLEAN ENERGY					i	i					i			i
8 DECENT WORK AND ECONOMIC GROWTH			i									i		i
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE			i						i	i				i
10 REDUCED INEQUALITIES	i		i				i					i		i
11 SUSTAINABLE CITIES AND COMMUNITIES			i		i	i	i	i	i	i	i	i		i
12 RESPONSIBLE CONSUMPTION AND PRODUCTION														i
13 CLIMATE ACTION				i	i	i			i					i
14 LIFE BELOW WATER			i	i	i								i	i
15 LIFE ON LAND			i		i		i	i						i
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	i		i				i					i		i
17 PARTNERSHIPS FOR THE GOALS			i						i					i

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Immediately

- **Tackling global challenges**
 - Map critical global risks and hazards.
 - Focus on the timely critical risks to
 - Encourage local community involvement and action in mitigating risks through a campaign/project using UGC/OD, in developing countries (**WG2**-urban challenges+**WG5**-geospatial next/YSN).
 - Develop risk-indicators of spatial (open) data and information in national-scale applications and services (**WG1**-geospatial data+**WG3**-sustainable planning+**WG4**-LADM).
 - Provide a critical overview of the global role of SIM through case-studies (all **WGs**).





Deliverables

- Hold annual Commission 3 meeting(s) in developing countries.
- Publications (international peer-reviewed scientific journals, FIG article of the month, FIG publication).
- Strengthen joint FIG WGs and TFs, and collaboration with sister international agencies (ISPRS, UN-GGIM), industry, and international networks.



Events

- FIG 2023 WW – Orlando, Florida, USA
- FIG Commission 3 Annual Meeting 2023 – December 3-5, Tel-Aviv, Israel (in conjunction with [GeoInt360](#))
- FIG 2024 WW Ghana – Accra, Ghana
- FIG Commission 3 Annual Meeting 2024 – June 17-21, Varaždin, Croatia



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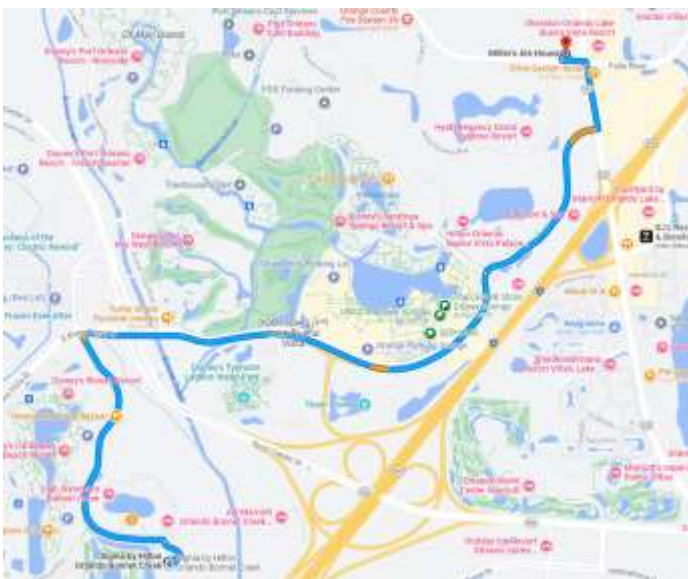
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Food Deliverable

Commissions [3-8-9] dinner, @19:00-23:00
15 mins from the hotel by car

- Order from menu
- Separate checks
- Meet at Signia reception @18:30



Miller's Ale House, 12371 Winter
Garden Vineland Rd, Orlando, FL
32836



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Thank you

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