

The Third United Nations World Geospatial Information Congress
“Navigating the Next Frontier: Embracing the Digital Renaissance and a New Geospatial Paradigm”

THEMATIC FOCUS

The 3rd UNWGIC features four thematic focus areas (vision, integration, innovation, and the future), with each day uniquely dedicated to debating and deliberating on one of these critical themes.

	<i>Day #1</i>	<i>Day #2</i>	<i>Day #3</i>	<i>Day #4</i>
<i>Focus</i>	The Vision	The Integration	The Innovation	The Future
	A Digital Geospatial Renaissance	Model, Decide, Manage (Data, Information, Insights)	Responsible, People-centric, and AI-enabled	The Age of Deep Learning and Artificial Intelligence
	Reimagining geospatial information for People, Prosperity, Planet, and Peace	Transitioning to “insights-on- demand” for impactful policies, decisions and actions	Leveraging responsible innovations and disruptions to sustain the geospatial renaissance	Prioritizing local knowledge and local actions with global solidarity and consensus framework
<i>Emphasis</i>	Vision, values, and national and global priorities	Integration, operational transformation, and domains	Innovation, artificial intelligence, and disruptions	Partnerships, pathways for the future, and actions
	Establishing geospatial information as foundational digital public infrastructure and a global public good for effective and responsible governance	Integrating geospatial, environmental, demographics. economic and statistical data, transitioning to “insights-on-demand” for effective decision-making and operational impacts	Embracing emerging technologies and disruptive innovations, focusing on responsible deployment of appropriate technologies and artificial intelligence tailored to national circumstances and global impacts	Scaling national, regional and global collaboration and partnerships, including with the next generation and under-represented, for resilient, local-to-global impacts in an age of deep learning and artificial intelligence
Parallel Tracks /Sub-themes	<i>Day #1</i>	<i>Day #2</i>	<i>Day #3</i>	<i>Day #4</i>
#1 - <i>Vision, Governance, and Values</i>	Shared principles, values, and responsibilities for geospatial information as public infrastructure and public good.	Governance models that enable cross-sector, cross-institutional, and cross-domain integration and interoperability	Legal, reliability, and safeguards implications of AI-driven geospatial systems.	Future governance pathways that balance openness, creativity, economics, security and sovereignty
#2 - <i>Integration, Interoperability, and Knowledge Systems</i>	What “integrated knowledge systems” mean within national, regional and global contexts?	Which strategies for effective geospatial–statistical–environmental–social-economic integration?	Which automation, machine learning, and AI-enabled analytics for near real-time insights including on demand?	What about scalability, sustainability, and post-2030 frameworks, norms and principles?
#3 - <i>Technology, Artificial Intelligence, Innovation, and Disruption</i>	The technological progress and its implications for the geospatial ecosystem	Cloud platforms and AI-enabled integrated knowledge systems	AI-driven geospatial automation, digital twins and systems	Workforce transformation, and effective longer-term capability development



	<i>Day #1</i>	<i>Day #2</i>	<i>Day #3</i>	<i>Day #4</i>
<i>#4 - Participatory and People-Centered Outcomes</i>	People, and communities and indigenous knowledge and experience as central to the geospatial paradigm	Participatory approaches to integrating volunteered, community and authoritative information	Responsible AI models, technologies and systems, and human oversight (mitigating bias?)	Pathways for sustainable leadership and capability development
<i>#5 - Partnerships, Investment, and Implementation</i>	UN-IGIF as the mechanism and the enabler for national transformation	Operational experience in implementing integrated knowledge systems, including within domains and regions	Next-Gen partnership and economic/financing models for national geospatial ecosystem advancement	Future partnership and investment models and pathways beyond 2030
<i>#6 – Regional, sub-regional, thematic, and specialized domains</i>	Aligning the global geospatial paradigm with the specific priorities of regional, sub-regional, thematic, and specialized domain groups	Deep-diving into regional, sub-regional, thematic and domain-specific strategies for integrated knowledge systems and cross-sector implementation	Showcasing localized AI related adaptations and initiatives tailored to unique regional, sub-regional, thematic and domain circumstances	Formulating joint action plans and collaborative road maps to sustain leadership and capabilities beyond 2030

This structured substantive program provides a roadmap that bridges the foundational vision of "why geospatial matters" with the operational aspects required for the future. By acknowledging the United Nations Integrated Geospatial Information Framework (UN-IGIF) as the overarching strategy and mechanism for national transformation, the substantive program seeks to progress from theory and perspectives into operational and practical pathways for national advancement as well as for regions, sub-regions, thematic and specialized domains. It champions people-centered "new geospatial paradigm" through participatory engagement and next-generation involvement, to advance a future-ready, responsibly-governed global geospatial ecosystem.

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