



Expert consultation and meeting on Enhancing Geospatial Information Management Arrangements and Accelerating the Implementation of the Sustainable Development Goals together with the Sub-regional Workshop on United Nations Integrated Geospatial Information Framework (UN-IGIF)

**for Central Asia, South Asia and neighboring countries
'Implementing geospatial strategies: challenges and opportunities'**

Astana, Kazakhstan, 15-19 September 2025

Annotated agenda

(as of 11 September 2025)

Monday 15 September: Workshop – Setting the scene - Day 1			
08:30-09:00	Registration of Participants		
09:00-09:45	Welcome, Introductions and Opening <i>Moderator: Mr. Kazhmukhan Bekmukashev</i>	Presenters/Discussants	
	Opening Remarks <i>Welcome remarks by the host, organizer, and regional dimensions from the Chair of the Regional Committee of Experts on Global Geospatial Information Management (UN-GGIM) for Asia and the Pacific.</i>	Mr. Malik Olzhabekov	Vice Minister of the Ministry of Digital Development, Innovations and Aerospace Industry
		Mr. Marat Shashkenov	Representative of the Office of the United Nations Resident Coordinator in Kazakhstan
		Mr. Pengde Li	Head of the UN Global Geospatial Knowledge and Innovation Centre
		Ms. Tiziana Bonapace	ICT & DRR Division Director, United Nations Economic and Social Commission for Asia and the Pacific
		Mr. Antonius Wijanarto	Chair of the Regional Committee of UN-GGIM Asia and the Pacific
		Mr. Kazhmukhan Bekmukashev	Head of the Department of Geodesy and Cartography
09:45-10:00	Objectives, Format and Agenda	Ms. Aigerim Mussayeva	UN-GGIM Secretariat





10:00-10:30	Group photo and Networking Break	
10:30-10:45	Introductions and welcome <i>Participants briefly introduce themselves and their expectations and anticipated outcomes before confirming set-up and organization for the five days.</i>	Brief introductions and expectations-setting around the room
10:45-12:30	Session I-1: Setting the scene (Countries) (Moderator: Mr. Steve Ebener) <i>Countries will provide a brief high-level 'status report' and situational analysis to aid all participants' understanding of the current challenges, opportunities and needs for enhancing the management and use of geospatial information towards a resilient and sustainable future. (15 min presentation + 5 Q&A)</i>	
10:45	Armenia	Mr. Karen Grigoryan
11:05	Bhutan	Mr. Sangay Nidup
11:25	China	Ms. Fanghong Ye
11:45	Georgia	Mr. George Petriashvili
12:05	Iran	Mr. Peyman Baktash
12:30-13:30	Lunch Break	
13:30-15:10	Session I-2: Setting the scene (Countries) – Continued	
13:30	Kyrgyzstan	Mr. Azamat Karypov
13:50	Mongolia	Mr. Ikhbayar Tsevelmaa
14:10	Pakistan	Mr. Kamal Azfar
14:30	Türkiye	Mr. Omer Alan
14:50	Kazakhstan	Ms. Meruyert Toibekova
15:10-15:40	Networking Break	
15:40-17:10	Session I-3: Setting the scene (National partners in Kazakhstan) (Moderator: Tiziana Bonapace)	
15:40	"Government for Citizens"	Mr. Kuat Sagadiyev
15:50	Astana IT University Experience in National Geospatial Projects (Academic sector)	Ms. Aliya Nugumanova
16:00	Association of Companies in Remote Sensing (Private Sector)	Mr. Ilyas Kazambayev
16:10	Republican Centre for State Urban Planning and Cadastre: Digitalization of the State Urban Planning Cadastre	Mr. Abzal Zhamalov
16:20	Kazakhstan Space Agency: Main Directions of Space Monitoring Using Earth Observation Data in the Republic of Kazakhstan	Mr. Alpamys Ospanov
16:30	Bureau of National Statistics: SDGs in Kazakhstan	Ms. Anel Islyamova
16:40	ESRI (CIS region): Supporting GIS Innovation and Development: Higher Education and ESRI GeoPortal for Central Asia and Caucasus	<i>To be confirmed</i>
16:50	FAO: <i>Leveraging geospatial technologies for sustainable agrifood systems transformation</i>	Mr. Valery Fomin
17:00	Questions and discussion	Mr. Mehmet Erdogan
17:10-17:30	Summary and wrap up of day 1, agenda for day 2	
17:00-17:30	Wrap-up, summary of day 1 and agenda for day 2	Mr. Pengde Li





Tuesday 16 September: Local capacity and understanding the UN-IGIF - Day 2		
08:45-09:00	Arrival of Participants	
09:00-10:15	Session II-1: Setting the Scene (Global and regional partners) (Moderator: Ms. Tiziana Bonapace) <i>Partners: Noting the broad representation from countries and stakeholders, this session will introduce the current global and regional context and ongoing efforts to support countries with the strengthening and enhancing of their national geospatial information management arrangements and accelerating the implementation of the SDGs:</i>	
09:00	UN-GGIM: Mandates and supporting countries in the implementation of the UN-IGIF	Ms. Aigerim Mussayeva
09:15	UN-GGKIC: Current priorities and objectives of the Centre in supporting countries	Mr. Pengde Li
09:30	UN-ESCAP: Mandates and current organization of the programme of work and working groups configurations in the region	Ms. Tiziana Bonapace
09:45	UN-ESCAP: Geospatial Projects in the region	Ms. Tiziana Bonapace
10:00	UN-GGIM-AP: Current priorities and objectives towards the implementation of UN-IGIF	Mr. Antonius Wijanarto
10:15-10:45	Networking Break	
10:45-12:30	Session II-2: Introduction to the UN-IGIF and CAP Process (Moderator: Mr. Pengde Li) <i>This Session will introduce and detail the UN-IGIF and the country-led approach to prepare a Country-level Action Plan (CAP)</i>	
10:45	Introduction and context: Making the case for supporting national priorities and circumstances	Ms. Aigerim Mussayeva
11:00	High-level introduction to the UN-IGIF and its implementation	Mr. Cung Thang
11:30	High-level introduction to the Country Action Plan Process (CAP)	Mr. Steeve Ebener
12:00	Questions and discussion	
12:30-13:30	Lunch Break	
13:30-15:20	Session II-3: Introduction to the UN-IGIF and CAP Process – Continued	
13:30	Kazakhstan’s experience in developing their NSDI strategy	Ms. Lyailya Satybaldina
13:45	Kyrgyzstan’s progress and perspectives towards developing UN-IGIF CAP	Mr. Azamat Karypov
14:00	UN-IGIF Case Study: Climate Action in Indonesia	Mr. Antonius Wijanarto
14:15	Open discussion and collaborative exchange regarding the implementation of the IGIF, CAP or other processes used in countries	
15:20-15:30	Summary and wrap up of day 2, agenda for day 3	
15:20-15:30	Wrap-up, summary of day 2 and agenda for day 3	Ms. Aigerim Mussayeva





15:30-16:00	Networking Break
16:00	Cultural Program (City Sightseeing and visiting museum)

Wednesday 17 September: Advancing geospatial capacities and capabilities – Day 3

08:45-09:00	Arrival of Participants	
09:00-10:30	Session III-1: National Priorities (Moderator: Mr. Antonius Wijanarto)	
	Understanding (1) National priorities, which may include economic development, social well-being, healthcare, employment or environmental sustainability, etc., and their connection with the SDGs, and (2) What is needed in terms of geospatial information and which entities are curating this information to address national priorities. Considerations on geographical and regional context will be discussed.	
09:00	Introduction to the session	
09:15	Breakout sessions	
10:30-11:00	Networking Break	
11:00-12:30	Session III-2: National Priorities – Continued	
11:00-12:30	Presentation and discussion of the group work	
12:30-13:30	Lunch Break	
13:30-14:30	Session III-3: Addressing major challenges and barriers in enhancing geospatial information at the regional level (Moderator: Mr. Antonius Wijanarto)	
13:30	UNODC: <i>Geospatial Intelligence to understand Drugs & Crime Trends</i>	Mr. Alexandre Nobajas Ganau
13:40	Satellite imagery platform: technical cooperation opportunities	Ms. Fanghong YE
13:50	The Health GeoLab: <i>A regional resource to support the geo-enablement of the health sector in countries</i>	Mr. Steeve Ebener
14:00	ESRI as a partner of SDG Alliance	Mr. Mohamed Issa
14:10	Regional SDG Centre for Central Asia and Afghanistan	Ms. Aigerim Mussayeva
14:20	Questions and discussion	
14:30-15:15	Session III-4: Leadership, engagement and partnership (Moderator: Mr. Cung Thang)	
14:30-15:15	<i>Open discussion on leadership and stakeholder engagement, enhancing partnerships and cross sectoral collaboration at the country and regional level to enhance geospatial information management arrangements, capacities and leadership according to national circumstances.</i>	
15:15-15:45	Networking Break	
15:45-16:30	Session III-5: Institutional capacity (Moderator: Ms. Aigerim Mussayeva)	
15:45-16:30	<i>Open discussion and collaborative exchange on strategies to strengthen institutional capacity and mitigate brain drain, with a focus on leveraging digital transformation and geospatial innovation to empower national systems, enhance workforce retention, and advance sustainable development goals</i>	





16:30-17:15	Session III-6: Financial resources (Moderator: Mr. Steeve Ebener)	
16:30-17:15	<i>Open discussion and collaborative exchange on innovative approaches to mobilize, allocate, and sustain financial resources for geospatial development, emphasizing the role of strategic partnerships, digital finance mechanisms, and cross-sector investment in advancing national priorities and long-term institutional resilience</i>	
17:15-17:30	Summary and wrap up of day 3, agenda for Day 4	
17:15-17:30	Wrap-up, summary of day 3 and agenda for day 4	Mr. Cung Thang

Thursday 18 September: Addressing major challenges and barriers at the regional level and 80th Anniversary of Qazgeodezia – Day 4		
08:30-09:00	Arrival of Participants and Registration	
09:00-09:45	Session IV-1: Data availability, quality and accessibility (Moderator: Mr. Steeve Ebener)	
09:00-09:45	<i>Open discussion and collaborative exchange on data availability, quality and accessibility challenges and how to address them</i>	
09:45-10:30	Session IV-2: Addressing major challenges and barriers in enhancing geospatial information at the regional level (Moderator: Mr. Antonius Wijanarto)	
	<i>Identify how challenges and barriers common across countries could be addressed through regional cooperation and/or coordination</i>	
09:45	Introduction to the session, including on UN IGIF Global and regional surveys	Mr. Cung Thang
10:00	Open discussion to identify how regional priorities and resources could be leveraged or expanded to address countries' common challenges	
10:30-11:00	Networking Break	
11:00-12:15	Session IV-3: Countries takeaways and way forward (Moderator: Ms. Aigerim Mussayeva)	
11:00-12:15	<i>Countries will provide a summary of their major takeaways from the workshop, the anticipated next step and a revised description of the support they would need to move forward</i>	
12:15-12:30	Summary and wrap up of day 4, agenda for day 5	
12:15-12:30	Wrap-up, summary of day 4 and agenda for day 5	
12:30-13:30	Lunch Break	
13:30-16:30	80th Anniversary of Qazgeodezia	
18:00-22:00	Gala dinner	





Friday 19 September: Takeaways and way forward Day 5	
08:30-09:00	Registration of Participants
09:00-10:15	Session V-1: Where Countries are Today and Where they Need to be in the Future
	<i>Facilitated and open discussion for participating countries to interact and better understand key gaps between where they are today and where they need to be in the future Countries will provide a summary of their major takeaways from the workshop, the anticipated next step and a revised description of the support they would need to move forward</i>
10:15-10:45	Networking Break
10:45-12:00	Session V-2: Country-led Approach to Implement the UN-IGIF
10:45-12:00	<i>Facilitated discussions, understanding available resources and support embarking on the country-led approach to prepare a Country-level Action Plan (CAP) to operationalize the nine strategic pathways of the UN-IGIF according to national circumstances</i>
12:00-12:30	Session V-3: Global and regional way forward
12:00-12:30	<i>Open discussions to identify the way forward at the global and regional level to answer countries' needs</i>
12.30-12:45	Summary and Close: Early Actions and Quick Wins, Summary and Close
12:30-12:45	<i>Closing remarks Facilitated and focused discussions to understand and appreciate feasible early actions and quick wins that can be considered, both at the country-level and regional level, including considering similar circumstances and geographic situations. Summary, next steps and close</i>
12:45-13:30	Lunch

