



## Fourth International Workshop on Operationalizing the Integrated Geospatial Information Framework

Algiers, Algeria  
15 – 16 February 2020

### PROVISIONAL ANNOTATED AGENDA

#### Background

All countries and all sectors need geospatial information for national development and decision-making. Geospatial Information reflects the physical world (both natural and built) in which all human, economic and environmental activities take place, and provides the digital version of our world. Geospatial information also provides the integrative platform for all digital data that has a location dimension to it. Geospatial information has the very real potential for forming a new and emerging “data ecosystem” for sustainable development in which integrated information systems, that are comprehensive and coordinated, able to provide evidence on the state of the earth, people, events and activities, and to deliver timely information necessary for citizens, organizations and governments to build accountability, make evidenced-based decisions and informed actions.

In August 2018, the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) adopted Part 1: Overarching Strategic Framework of the Integrated Geospatial Information Framework (IGIF). IGIF provides a basis and guide for developing, integrating, strengthening and maximizing geospatial information management and related resources in all countries. It will assist countries secure the wellbeing of its people, planet and prosperity, and to leave no one behind. The IGIF comprises three parts as separate, but connected, documents: Part 1 is an Overarching Strategic Framework; Part 2 is an Implementation Guide; and Part 3 is a Country-level Action Plan. The three parts comprise a comprehensive Integrated Geospatial Information Framework that serve a country’s needs in addressing economic, social and environmental factors; which depend on geospatial information in a continually changing world. The Implementation Guide communicates to the user what is needed to establish, implement, strengthen, improve, and/or maintain a national geospatial information management system and capability.

The IGIF focuses on geospatial information that is integrated with any other meaningful data to solve societal and environmental problems, acts as a catalyst for economic growth and opportunity, and to understand and take benefit from a nation’s development priorities and the Sustainable Development Goals.

**Part 1: Overarching Strategic Framework** sets the context of ‘why’ geospatial information management needs to be strengthened and why it is a critical element of national social, economic and environmental development. It focusses on the role of geospatial information in the digital age and how that information is integral to government functions at all levels. The Overarching Strategic Framework communicates this via vision and mission statements, seven (7) underpinning principles, eight (8) goals and nine (9) strategic pathways, all of which are aligned to strategic national to global drivers. The roadmap for implementing the Framework occurs primarily through the nine strategic pathways. These lead to an approach that



considers national circumstances, priorities and perspectives as a means for governments to establish more effective geospatial information management arrangements.

**Part 2: Implementation Guide** describes ‘**what**’ actions can be taken to strengthen geospatial information management. The Implementation Guide is a reference resource that provides information for governments to design, plan, establish, implement and maintain nationally integrated geospatial information frameworks in their country in such a way that transformational change is enabled, visible and sustainable. The Implementation Guide provides the specific guidance and options to be taken by countries in implementing the IGIF. Through each of the nine strategic pathways, it guides the user through the approach, content, rationale, options and considerations, and principles that align with actions.

**Part 3: Country-level Action Plan** is specific to each country and details ‘**how**’ the guiding principles, options, and actions specified in the Implementation Guide will be carried out, when and by whom. Country-level Action Plan(CAP) contains the processes, templates and resource materials that are available and necessary to first develop a national action plan, and then operationalize the IGIF through its subsequent implementation, and aligned with national priorities. Each CAP is unique to a country, as it determines where they currently are in their capabilities and capacity, and reflects decisions made to advance and/or enhance national geospatial capabilities within that country, and where they want to be after planning for their integrated geospatial information framework.

## About the workshop

This two-day workshop convened in conjunction with the seventh plenary meeting of the Regional Committee of United Nations Global Geospatial Information Management (UN-GGIM: Arab States) is a peer-to-peer learning event to raise and improve awareness, knowledge and understanding of the United Nations Integrated Geospatial Information Framework and the integrative role of geospatial information. It will address the availability and accessibility of geospatial information, and its integration with statistics and other data, inter-alia, the data demands in support of national development priorities and national implementation of the 2030 Agenda for Sustainable Development. The workshop will introduce, inform and work through with invited participants from UN-GGIM: Arab States, the implementation guidance and conceptual approach to operationalize the IGIF according to their national circumstances.

This International Workshop, the fourth in the series of workshops organized by the United Nations Secretariat for Global Geospatial Information Management together with Regional Committees of United Nations Global Geospatial Information Management, seeks to contribute to the strengthening of nationally integrated geospatial information management towards the production, availability, accessibility and application of geospatial information for national development priorities and the implementation of the 2030 Agenda for Sustainable Development. It will also address the Global Statistical Geospatial Framework as an important bridge that enables a range of data to be integrated from both statistical and geospatial communities and, through the application of its five principles and supporting key elements, permits the production of standardized and integrated geospatially enabled statistical data, and the Framework for Effective Land Administration as an overarching policy guide that provides a reference for Member States when developing, renewing, reforming, strengthening or modernizing land administration through nine pathways aligned to the nine strategic pathways of the IGIF. The IGIF anchored by its nine strategic pathways, together with the Implementation Guide and country-level Action Plan, provides Member States a mechanism for articulating and demonstrating national leadership in nationally integrated geospatial information management, and the capacity to take positive steps.



## Venue

*National Army Club*

Algiers,

Algeria

## Provisional Annotated agenda

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**Saturday**  
**15 February 2020**

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**8:00am – 9:00am**      **Arrival of invited participants and registrations**

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**9:00am– 12:30pm**      **Session #1**  
**Welcome, introductions and setting the scene**

*This segment of the international workshop will include welcome messages, announcements, self-introductions by all participants, and a series of presentations to set the scene beginning with the host country, and to frame the context of the workshop*

**Facilitator:**

Mr. Tim Trainor

*International Cartographic Association*

**Welcome remarks:**

- ☐ Mr. Hamid Oukaci  
*Secretary General, National Council of Geographic Information, Algeria*
- ☐ Dr. Bandar Al-Muslmani  
*Chair, UN-GGIM: Arab States*

**Round of brief introductions:**

- ☐ All participants

**Announcements:**

Safety, health and environment; and housekeeping announcements

- ☐ *National Council of Geographic Information, Algeria*

**Setting the scene:**

Why are we here – objective and organization of work

- ☐ *Mr. CheeHai Teo, UN Secretariat – Global Geospatial Information Management*

Geospatial information management arrangements in Algeria

- ☐ *Mr. Hamid Oukaci, National Council of Geographic Information, Algeria*

Open discussion



**Presentation:**

The Integrated Geospatial Information Framework – a mechanism for nationally integrated geospatial information management (*Seven underpinning principles, eight goals and nine strategic pathways translating high-level strategic concepts into practical implementation guidance and action*)

- ☐ *Mr. CheeHai Teo, UN Secretariat-Global Geospatial Information Management*

Open discussion

**Note:**

1. *A group photograph may be taken at an appropriate time during the segment*
2. *Break for refreshments will be at about 10:30am*

**12:30pm –  
2:00pm**

**Lunch**

**2:00pm –  
3:45pm**

**Session #2****The Integrated Geospatial Information Framework - strengthening national geospatial information management capacities and capabilities**

*This segment considers developing, coordinating and strengthening national arrangements in geospatial information management. This include building upon investments and existing infrastructures for national spatial data, and re-purposing NSDI initiatives towards nationally integrated geospatial information management to deliver evidence for national development priorities and sustainable development, and towards better societal, economic and environmental value and benefits*

**Facilitator:**

Mr. CheeHai Teo  
*UN Secretariat – Global Geospatial Information Management*

**Presentations:**

National arrangements in geospatial information management/national spatial data infrastructures – purpose, status, challenges and opportunities (*Succinct presentation on national situation or perspectives, issues, challenges and opportunities. Each presentation of no more than 15 minutes in duration*)

- ☐ *National vision for Implementing of Geospatial Data Infrastructure, tba, National Council of Geographic Information, Algeria*
- ☐ *Implementation of the National Statistical Geospatial Framework, tba, National Council of Geographic Information, Algeria*

Integrated Geospatial Information Framework - improving and strengthening national geospatial information management capacities.

- ☐ *Mr. Tim Trainor, International Cartographic Association*

Open discussion



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**3:45pm – Break**  
**4:15pm**

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**4:15am – Session #3**

**6:00pm Operationalizing the Integrated Geospatial Information Framework**

*This segment will be an interactive segment to consider the purpose and intent of the Implementation Guide along the three influences – governance, technology and people and the overview (solving the puzzle). The segment will discuss improving the application and integration of statistical, geospatial and other data towards evidence for policy and decision-making, and to leave no one behind. The participants will discuss the nine strategic pathways and its elements, the guidance and recommended actions aligned with the nine strategic pathways as a means for governments to establish more effective geospatial information management arrangements*

**Facilitator:**

Mr. CheeHai Teo

*UN Secretariat – Global Geospatial Information Management*

**Presentations:**

The Global Statistical Geospatial Framework: bridge that enables a range of data to be integrated from both statistical, geospatial and other communities

- ☐ *Mr. Tim Trainor, Expert Group on the Integration of Statistical and Geospatial Information/International Cartographic Association*

Framework for Effective Land Administration: overarching policy guide for strengthening or modernizing land administration

- ☐ *Mr. Kees de Zeeuw, Expert Group on Land Administration and Management/Kadaster International, Netherlands*

Open discussion

**Presentation:**

The Integrated Geospatial Information Framework and its Implementation Guide *(The guidance, recommendations and options aligned with the nine strategic pathways to implement the IGIF at country level, the connection between the overarching strategic framework (Part 1) and the country-level Action Plan (Part 3))*

- ☐ *Mr. Tim Trainor, International Cartographic Association*

Open discussions



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**Sunday**  
**16 February 2020**

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**8:00am – 8:30am**      **Arrival of invited participants**

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**8:30am – 10:30am**      **Session #4**  
**The Integrated Geospatial Information Framework – country-level action plan**  
*Country-level action plans seek to implement the IGIF at country level, taking into consideration national circumstances and development priorities. It provides the 'how, when and who' processes in implementing the IGIF, detail actions and activities that need to be taken in the short, medium and longer-term, and prioritize these actions and activities including resourcing (capacity, capabilities, technologies and budgetary) considerations. A country-level action plan references the specific guidance, options and actions provided in the Implementation Guide and addresses each of the nine strategic pathways to capture strategic to operational needs of a country when implementing the IGIF as the overarching strategic framework.*

**Facilitator:**

Mr. CheeHai Teo  
*UN Secretariat – Global Geospatial Information Management*

**Presentation:**

The Integrated Geospatial Information Framework and country-level action plan  
*(The connection between the Implementation Guide and the country-level action plan, a capacity and capability development approach and the suite of resource materials/tools that will be made available to support the development of country-level action plans)*

 *Mr. CheeHai Teo, UN Secretariat-Global Geospatial Information Management*

**Break-out or open discussion**

*(Each country designs, develops, owns and implements their own implementation strategy through its own country-level action plan. Consideration for the approach and what is needed next, including to design, develop and implement Integrated Geospatial Information Framework through a country-level action plan)*

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**10:30am – 11:00am**      **Break**

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**11:00am – 12:30pm**      **Session #5**  
**The Integrated Geospatial Information Framework – next steps**  
*The United Nations Integrated Geospatial Information Framework is a basis and a mechanism for demonstrating leadership in geospatial information management, and the capacity to take positive steps. In this closing session, participants will discuss what kind of steps are feasible and positive to improve and strengthen nationally integrated geospatial information management.*

**Facilitator:**

Mr. Tim Trainor  
*International Cartographic Association*



**Round of observations and comments about next steps:**

- ☐ *All participants*

**Brief closing remarks:**

- ☐ Dr. Bandar Al-Muslmani  
*Chair, UN-GGIM: Arab States*
- ☐ Mr. Hamid Oukaci  
*Secretary General, National Council of Geographic Information, Algeria*

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**12:30pm – Lunch**  
**2:00pm**

**2:00pm –** *visit*

