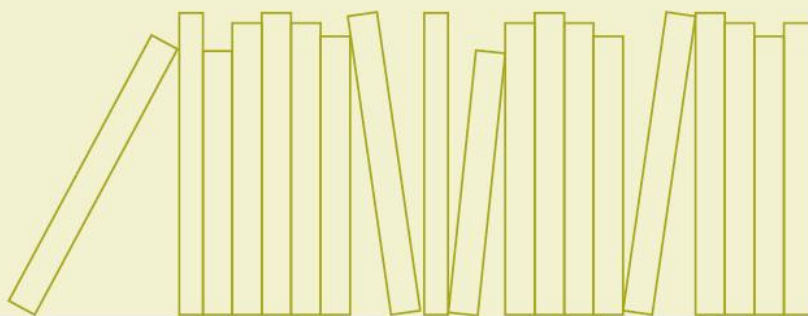


Economic Commission for Latin America and the Caribbean
**ECLAC SUBREGIONAL HEADQUARTERS
FOR THE CARIBBEAN**



Report of the workshop on the implementation of global guidelines to strengthen geospatial information management in the Caribbean



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Economic Commission for Latin America and the Caribbean
Subregional Headquarters for the Caribbean

Workshop on the implementation of global guidelines
to strengthen geospatial information management
in the Caribbean
19–21 April 2023
Castries, Saint Lucia

LIMITED
LC/CAR/2023/16
6 December 2023
ORIGINAL: ENGLISH

**REPORT OF THE WORKSHOP ON THE IMPLEMENTATION OF
GLOBAL GUIDELINES TO STRENGTHEN GEOSPATIAL
INFORMATION MANAGEMENT IN THE CARIBBEAN**

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A. ATTENDANCE AND ORGANIZATION OF WORK

1. Introduction

1. The United Nations Integrated Geospatial Information Framework (UN-IGIF) workshop on the implementation of global guidelines to strengthen geospatial information management in the Caribbean was held in Castries, Saint Lucia, from 19 to 21 April 2023. This first Caribbean workshop was delivered in keeping with the United Nations Global Geospatial Information Management for the Americas (UN-GGIM: Americas) 2022–2023 work plan for implementing the United Nations Integrated Geospatial Information Framework in the Caribbean. The Economic Commission for Latin America and the Caribbean (ECLAC) is the Technical Secretariat of the UN-GGIM: Americas.

2. The organizing partners were the Government of Saint Lucia- through its Ministry of Physical Development, the Caribbean Community (CARICOM) - Division of Statistics, Organisation of Eastern Caribbean States (OECS), the Economic Commission for Latin America and the Caribbean (ECLAC), the United Nations Global Geospatial Information Management for the Americas (UN-GGIM: Americas) and the Caribbean Geospatial Development Initiative (CARIGEO).¹

3. This workshop aimed to encourage and guide Caribbean small island developing States (SIDS) on the effective implementation, management and applications of geospatial data and information in supporting the advancements of economic, social and environmental sustainable development priorities. The objectives of this workshop were as follows:

- To raise awareness of the value of the UN-IGIF as the fundamental tool to develop and strengthen the national geospatial initiative(s).
- To guide on the steps and actions for advancing national geospatial initiatives, based on the UN-IGIF Implementation Guide, through nine strategic pathways. These strategic pathways are governance, legal and policies, financing, data management, innovation, standards, partnerships, capacity building and education, and communication and engagement.
- To guide the coordination, tools and expertise required for the development of the UN-IGIF national action plans.
- To engender interest and enthusiasm in championing UN-IGIF adoption and implementation nationally and regionally. This focuses on developing the necessary tools to effectively address geospatial management in the Caribbean.
- In keeping with Caribbean regional and national priorities, this workshop also included a session on integrating statistical and geospatial information to support disaster management and land administration.

4. The workshop was delivered in an interactive manner, encouraging discussions, and creating opportunities to exchange ideas and experiences in the implementation of the UN-IGIF in the Caribbean. The presentations and other workshop materials is available at <https://www.cepal.org/en/events/un-igif-workshop-caribbean>.

¹ CARIGEO is a collaborative effort among UN-GGIM: Americas, ECLAC, Caribbean member States and territories, geospatial private sector organizations, academic institutions and civil society representatives. CARIGEO seeks to empower the Caribbean to advance the use and sharing of geospatial, statistical and related information to support improved decision-making for sustainable national and regional development, CARIGEO is also geared towards supporting Caribbean member States to advance the establishment of the UN-GGIM Integrated Geospatial Information Framework (<https://www.cepal.org/en/events/caribbean-geospatial-development-initiative-carigeo>).

2. Attendance

5. Participants from Antigua and Barbuda, the Bahamas, Barbados, Belize, Cuba, Grenada, Guyana, Montserrat, Saint Lucia, Saint Vincent and the Grenadines, Saint Kitts and Nevis, Suriname, and Trinidad and Tobago attended the workshop. The representatives were officials in the fields of policy setting, statistics and data management, planning, geospatial technologies and geographic information systems. The facilitators consisted of expert representatives from the following regional organizations: CARICOM - Statistics subprogramme, ECLAC, National Institute of Statistics and Geography (INEGI) of Mexico, OECS, UN-GGIM: Americas and United States Census Bureau. There were also experts from the University of the West Indies and KU Leuven. A representative from Trimble Inc., a private sector geospatial technology provider, was also in attendance.

3. Programme

6. The programme is attached as annex IV of this report.

B. REPORTING THE PROCEEDINGS

1. Day 1: 19 April 2023

7. The Sustainable Development Officer, Sustainable Development and Disaster Unit, ECLAC subregional headquarters for the Caribbean, chaired this segment. In her opening remarks, she welcomed the participants and expressed gratitude to Saint Lucia as host country and the organizing partners and for bringing the workshop to fruition. The high level of representation from Caribbean countries was welcomed. She underscored the importance of this first workshop in supporting the sustainable development objectives of the subregion.

8. The President of UN-GGIM: Americas indicated that this workshop supported implementation of the decisions of the UN-GGIM Secretariat. The outcome of the workshop would further assist in guiding and strengthening the region's capacity and encourage national implementation of the UN-IGIF.

9. The Director General, OECS, remarked that strengthening geospatial and data management are necessary tools for supporting the SIDS pursuit of sustainable development. Some of the areas to be given closer attention included more precise information for disaster management, information on areas of high risk, climate change monitoring, planning for flooding events (agriculture), food security, endangered species monitoring, urban and rural planning and population distribution among others. The Director General informed that the OECS is committed to working together with regional partners to ensure the UN-IGIF implementation in its member countries.

10. Speaking on behalf of ECLAC, the Director of Statistics addressed the Commission's mandate to enhance geospatial information management and its integration with statistical data at both national and regional levels. Aligning with the priorities for the Caribbean SIDS, he discussed the applicability of geospatial technology and data, including geospatial data, in post-disaster recovery efforts. He emphasized that the synergy of geospatial information management and statistical data is vital for effective management in the aftermath of disasters. This includes providing essential data for damage and loss assessments and monitoring recovery processes. In detailing the Commission's services to the region, the Director highlighted the ongoing collaborative engagement with the United Nations Committee of Experts on Global Geospatial Information Management. This partnership involves the development of training guides and other materials to reinforce national geospatial initiatives. Such efforts are integral to the role of ECLAC in promoting the

adoption of global frameworks and guidelines among its member States. The Director highlighted that this first Caribbean UN-IGIF workshop is one such example of the collaborative engagement of the UN-GGIM and ECLAC.

11. The CARICOM Director of Regional Statistics expressed his pleasure in serving as co-host of the workshop. In his opening remarks, he highlighted the specific challenges its member countries faced, including the region's vulnerabilities to the impacts of climate change and other disasters. The region's economies were based primarily on agriculture, tourism and fisheries, which are among the most vulnerable sectors. He noted that SIDS lacked the appropriate data/indicators to effectively report and demonstrate the actual levels of vulnerabilities experienced by SIDS. In this context, he stressed the applicability of the UN-IGIF and how well-aligned to the objectives and purpose of the CARICOM Regional Strategy for the Development of Statistics (RSDS). In his view, the importance of the UN-IGIF was its ability to support innovation, leadership and integrate information, which aligned with the RSDS. This UN-IGIF/RSDS alignment could also support the implementation of the 2030 Agenda and its 17 Sustainable Development Goals and the SIDS Accelerated Modalities of Action (SAMOA) Pathway. Through integration with the global statistical framework, the UN-IGIF further provides the avenue to facilitate greater advancements in appropriate decision-making. He concluded that towards meeting the purpose of the UN-IGIF, support from the Heads of Government and the Permanent Secretaries will be required and he encouraged all participants to take full opportunity of this first UN-IGIF-workshop for this region.

12. The final speaker for the opening segment was the Deputy Permanent Secretary, Ministry of Physical Development, Saint Lucia. The Deputy Permanent Secretary echoed much of the previous speakers' points and emphasized the pivotal importance of data as a requirement for informed decision-making. The high-level representative from Saint Lucia referred to the challenges of not having updated data and the absence of required standards. She stressed the urgency for the advancement of GIM, especially considering the extent to which climate change, hurricanes and extreme events impact the region's economy. She concluded that the Caribbean SIDS recognized that they were not alone and stood with the global community in utilizing these tools and the UN-IGIF for furthering this region's sustainable development.

13. Following the opening remarks, the chair presented the topics to be covered over the three days, including:

- The role of technologies in GIM
- Geospatial information supporting resilience in the Caribbean
- Global perspectives for the implementation of the UN-IGIF
- UN-IGIF implementation for the National Spatial Data Infrastructure (NSDI) policy of Saint Lucia
- The planning and preparatory phases of the UN-IGIF process
- The assessing and analysing phases of the UN-IGIF process
- Strengthening geospatial capacities in the Caribbean
- Next steps

There were four breakout sessions, four plenary sessions, a roundtable discussion on the national challenges of implementing the UN-IGIF and a final meeting participants statement activity.

14. Participants received presentations on the role of technologies in geospatial information management and how it provides data supporting resilience in the Caribbean. In this regard, it was noted that the engagement of the private sector as technology providers was critical; this sector could further enhance advancements in geospatial analysis, thereby benefiting all members of society.

15. The workshop considered Geospatial information supporting resilience in the Caribbean Region and the Global perspectives for the implementation of the UN-IGIF. The Director of Statistics, ECLAC, gave details on the regional project titled “Develop indicators of climate change and disasters in the Small Island Developing Countries in the Caribbean (SIDS) to support the design of evidence-based policies” which highlighted the geospatial platform built to disseminate these indicators and related information. The UN-GGIM Secretariat representative then shared a global perspective on implementing UN-IGIF, including the integral steps and strategies involved. Then followed a roundtable discussion on countries’ national challenges regarding implementation of the UN-IGIF.

16. An account of UN-IGIF implementation for the National Spatial Data Infrastructure (NSDI) policy of Saint Lucia was presented, detailing the national processes undertaken to develop the draft NSDI. The Saint Lucia NSDI development was cited as a good reference for other member countries to follow in advancing their respective UN-IGIF implementation processes.

17. The workshop then considered the planning and preparatory phases of the UN-IGIF process. This working session addressed national collaboration, identified key stakeholders and functions and the essential steps required for achieving these purposes. The facilitators presented the UN-IGIF planning and preparation phases of the UN-IGIF for stakeholder and user engagement. From this working group session, the following were tabled:

- The availability of training and retraining resources. ECLAC, through the Director of Statistics, expressed its commitment and willingness to train countries as their needs arise.
- The implementation process could be achieved through the establishment of a community of practice. The workshop was further informed that the UN-IGIF process is dynamic and continually evolving.
- There were calls for data standardization throughout the Caribbean. Referring to that this is a requirement for addressing such use as data portability and interoperability.
- Participants expressed the requirement of building political and other high-level buy-in and support. To address this gap, having national and regional symposiums targeting high-level decision makers on the importance of the UN-IGIF was recommended.

2. Day 2: 20 April 2023

18. Facilitators presented the UN-IGIF guidelines for assessing and analysing the implementation of geospatial information management in this segment. This involved assessing national geospatial information management status and identifying the needs, gaps and opportunities. This segment further informed countries on the best strategy for developing national geospatial information management systems. Following the presentations, participants were grouped into two breakout groups to discuss the process. Both groups reported on their experiences during the plenary sessions including:

- Countries shared the difficulties experienced in collecting metadata, which was attributed to the lack or absence of data-sharing policies and frameworks. There were also concerns about the sharing of sensitive data.
- It was suggested that data protection, copyright and statistical legislation be explored along with the development of freedom of information policies and legislation.
- Montserrat shared information on a registry that required the registration of all researchers.
- The United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER) was also proposed as a resource for data access. It was noted that this will require countries to register with the UN-SPIDER before they can access and share data.
- The Global Statistical Geospatial Framework was also cited as a source as it facilitated the integration of statistical and geospatial data and information.

- To address the coordination and data sharing requirement, the recommendation was to establish a memorandum of understanding amongst involved agencies.

19. The final presentation on day 2 addressed the project titled “Strengthening of Geospatial Capacities in the Caribbean”. The workshop was informed that the Digital Earth Americas² supported several national decision-making processes for this project through its Open Data Cube Initiative. This open-source tool would assist countries in analysing, utilising and managing statistics, which will facilitate the development of evidence-based public policies. The project had three main objectives: (i) strengthening of geospatial infrastructure, (ii) technical training programme and (iii) dissemination. One of the outputs of this project was the Caribbean Earth Observation Data Centre which would be housed in the data centre facility at the University of the West Indies St. Augustine South Campus, Penal/Debe. The UWI representative informed participants of its commitment to driving the best practices, sharing Caribbean regional experiences and building global networks.

3. Day 3: 21 April 2023

20. On the final day, the workshop facilitators led the participants through the remaining stages of the UN-IGIF. These stages were directed on the tasks of identification of the steps required to implement the UN-IGIF at country level. Participants recognized that each country case had to be individually considered due to such factors as national priorities, policies, legislation, capacity, financing, technological advancements, institutional arrangement and required high-level political buy-ins. In recognition of the enthusiasm and interest of participants, the workshop received a summary statement recognizing the UN-IGIF objectives and purpose of strengthening geospatial information management in the Caribbean and listing the steps to be taken for national implementation. This statement is detailed in annex II of this report.

21. The UN-GGIM Americas - private sector network facilitator presented the next steps following this workshop and initiatives which supported national implementation. A request was made for the country representatives to develop and share their draft national UN-IGIF implementation plan, which they were expected to complete by 5 June 2023. A follow-up virtual workshop to discuss these national UN-IGIF implementation plans will be scheduled for June 2023.

22. Closing remarks for this workshop were made by the ECLAC Director of Statistics, CARICOM Director of Regional Statistics and the Sustainable Development Officer of the Sustainable Development and Disaster Unit - ECLAC subregional headquarters for the Caribbean. All expressed their pleasure at having facilitated the learning process for all country representatives and committed to continued collaboration and support for advancing the region in this area.

² More details of Digital Earth Americas are available at the web site: <https://www.deamericas.org/>.

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Annex II

PARTICIPANTS SUMMARY STATEMENT
UNITED NATIONS INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK,
CARIBBEAN WORKSHOP
CASTRIES, SAINT LUCIA, 19–21 APRIL 2023

We, the participants of the Workshop on the "Implementation of global guidelines to strengthen geospatial information management in the Caribbean" held in Castries, Saint Lucia, from 19 to 21 April 2023, worked together to strengthen national geospatial initiatives, shared best practices and raised awareness on the importance of geospatial information as a tool for analysis, reporting and decision making to address the Caribbean's sustainable development challenges and priorities.

Recognizing the importance of geospatial information management for sustainable development and the need for a collaborative approach to advance its implementation in the Caribbean.

Recognizing also that, the United Nations Integrated Geospatial Information Framework (UN-IGIF) provides strategic and practical guidelines to strengthen national institutional arrangements on the management of geospatial and statistical information, which effectively supports public policies and decision-making.

Recalling decision 12/105 of the twelfth session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) which reiterated the importance of implementing the Integrated Geospatial Information Framework as a forward-looking framework at the country level, across the programme of work of the Committee of Experts, within priority areas in the workplans of the United Nations Global Geospatial Information Management Regional Committees, with interlinkages with other regional-to-global frameworks, and in response to increasingly challenging national, regional and global demands.

Recognizing decision 5 on Regional Collaboration, of the ninth session of the UN-GGIM Regional Committee for the Americas, in which the Committee encouraged Member States to adopt the UN-IGIF as a support tool for strategic decision-making related to national priorities and to actively collaborate with the UN-IGIF-Americas Working Group, and to promote the development of capacities, discussion fora and tools to support the countries of the region in the knowledge and implementation of this Framework.

Noting the opening statement of the Director General of the Organization of Eastern Caribbean States (OECS) Commission at this workshop, in which he committed to helping Member States use geospatial and complementary technologies towards addressing the sustainable development challenges in the Caribbean.

Noting also that the Director of Statistics of the Caribbean Community and Common Market (CARICOM, at this workshop, highlighted that within the context of the Regional Strategy for the Development of Statistics (2019 – 2030, the opportunities presented by implementing the UN-IGIF framework can be adopted, exploited and advanced to establish a cohesive and coherent architecture in the production, processing and dissemination of methodologically sound statistics.

We therefore agree to:

1. Champion and promote the adoption of the UN-IGIF in the Caribbean, as a tool to advance national policy and development projects and programmes, provide data for the management and monitoring of the Sustainable Development Goals and support the progress towards achieving the 2030 Agenda, the Small Island Developing States (SIDS) Accelerated Modalities of Action and other development agendas such as the Paris Agreement on Climate Change, the New Urban Agenda among others;
2. Work together with the relevant partners to ensure that the benefits of geospatial information are fully realized in the Caribbean, further, to advance the integration of statistics and geospatial information and to develop a plan of action for its implementation;
3. Share technical resources and assist countries in their geospatial and statistical development initiatives, including the areas of disaster risk reduction and disaster risk management;
4. Acknowledge the commitment of UN-GGIM Americas/UN-GGIM-Americas, Private Sector Network, and the Caribbean Geospatial Initiative (CARIGEO) to deliver a presentation at the Meeting of the Standing Committee of Caribbean Statistician (SCCS) in October 2023 and to developing a program on statistical and geospatial literacy for students in the Caribbean;
5. Commend and acknowledge the OECS Commission and CARICOM's commitment to helping Member States use geospatial and complementary technologies to address the sustainable development challenges and priorities in the Caribbean and advancing the integration of statistics and geospatial information in the region, respectively;
6. Encourage CARICOM, the OECS Commission and the Economic Commission for Latin America and the Caribbean (ECLAC) to promote the enlargement of both statistical and geospatial communities by identifying and recommending the technical personnel within the region to participate in capacity development initiatives and to assist in the agreed geospatial information management workplan for the region;
7. Participate in a follow-up virtual UN-IGIF Caribbean workshop in June 2023; and
8. Participate in a Caribbean regional UN-IGIF Workshop in the first quarter of 2024.

The facilitators thank the organizers and participants for coming together as a Caribbean and regional community, the organizers for their sponsorships, the hosts for their dedicated support, providing the venue, and the logistical arrangements which made the workshop possible and achieve its objectives. The participants further encourage the organizers to continue to support these initiatives for the strengthening of geospatial information management in the Caribbean.

21 April 2023
Castries, Saint Lucia

Annex III

CONCEPT NOTE
WORKSHOP ON THE IMPLEMENTATION OF GLOBAL GUIDELINES TO STRENGTHEN
GEOSPATIAL INFORMATION MANAGEMENT IN THE CARIBBEAN
19–21 April 2023

Geospatial information management processes in the Caribbean subregion show different levels of development. The diagnoses carried out by the group on geospatial data infrastructures of the United Nations Regional Committee on Global Geospatial Information Management for the Americas, UN-GGIM: Americas, for the years 2018, 2019 and 2020, generally report low levels of progress in national geospatial initiatives, taking into consideration the evaluation of aspects related to institutions, technology, data and human resources. To advance in overcoming the gaps in these aspects and others that are also relevant in these matters, the United Nations- Integrated Geospatial Information Framework (UN-IGIF) provides a set of strategic and practical guidelines to strengthen national institutional agreements on the management of geospatial information, in such a way that it provides effective support for decision-making and public policies.

In the Caribbean region it is possible to identify a set of problems that demand accurate and timely geospatial information. Among them, disaster management, resilient adaptation to climate change, protection of the oceans, soil degradation, and... For this, it is essential that the countries establish collaborative work models between public, academic and private organizations, to produce knowledge from the integration of geospatial data and make it available to those who make decisions and formulate policies in these matters.

The central purpose of this workshop is to disseminate the UN-IGIF guidelines that the United Nations Committee of Experts on Geospatial Information Management (UNGGIM) makes available to countries to strengthen national geospatial initiatives and raise awareness about the importance of geospatial information as a tool for territorial analysis to address the problems identified.

The goal of this regional UN IGIF workshop is **to encourage and provide guidance for the effective management and utilization of geospatial information in support of economic, social and environmental development priorities.**

The objectives are:

- a. To raise awareness of the value of the UN-IGIF as the fundamental tool to develop and /or strengthen the national geospatial initiative
- b. To provide the needed tools and expertise for the development of UN-IGIF country level action plans
- c. To engender interest and enthusiasm in championing UN-IGIF adoption and implementation nationally and regionally

It is intended that this workshop be the starting milestone of the UN-IGIF implementation process in the Caribbean region, within the framework of the execution of the work plan of UN-GGIM: Americas, under the follow-up of the CARIGEO coordinating group, with the support of the Organization of Eastern Caribbean States (OECS), the Economic Commission for Latin America and the Caribbean (ECLAC), and other regional and global organizations that may be incorporated in these works.

Annex IV**PROGRAMME****Castries, Saint Lucia****19 – 21 April 2023****DAY 1****09:00 – 09:30****Welcome Remarks**

- **Sofia Nilo** – President UN-GGIM: Americas
- **Rolando Ocampo** – Director, Statistics Division, ECLAC
- **Didacus Jules**, Director General, OECS Commission (remotely)
- **Halim Brizan**, Head of the CARICOM Regional Statistical Program
- **Suzette Jean**, Deputy Permanent, Secretary/Ministry of Physical Development. St. Lucia

09:30 - 09:50**The role of Technologies in Geospatial Information Management**

- **Albert Anoubon Momo** – Vice President and Executive Director – Emerging Markets and Funded Projects at Trimble Inc.

9:50 - 10:10**Geospatial Information supporting resilience in the Caribbean Region**

- **Rolando Ocampo** – Director, Statistics Division, Economic Commission for Latin America and the Caribbean

10:10 - 10:25

Coffee Break

10:25 – 10:50

Global perspectives for the Implementation of the UN-IGIF

- **Greg Scott** – UN-GGIM Secretariat

Overview on the Global perspectives for the Implementation of the UN-IGIF, highlighting the importance of the UN-IGIF, the documents it contains, the benefits of its implementation at the country level and how the UN-IGIF serves as umbrella to other frameworks like the GSGF and the Strategic Framework for Disasters. This presentation would set the scene for the work to be conducted during the three days of the event.

10:50 – 11:50

Roundtable on the national challenges implementing the UN-IGIF

Moderated by Bheshem Ramlal, Valrie Grant and Simone Lloyd

- Country representatives
- Academy representatives
- Private Sector representatives

UN-IGIF implementation for NSDI Policy of Saint Lucia

11:50 – 12:10

- **Joep Cromptvoets** – Full professor at KU Leuven (Belgium) specialized in (spatial) data infrastructures

In the context of the World Bank Disaster Vulnerability Reduction Project (DVRP) a policy for the National Spatial Data Infrastructure (NSDI) is developed. The Integrated Geospatial Information Framework (UN-IGIF) was applied to identify the main challenges for the further development of the NSDI St. Lucia. The presentation highlights the main outcomes of the **UN-IGIF application as well as the key points of NSDI Policy.**

<p>12:10 – 13:30</p>	<p>Lunch</p>
<p>13:30 – 13:40</p>	<p>Overview of the workshop objectives</p> <ul style="list-style-type: none"> • Gabriela García Seco, Vice principal of Technical Coordination, INEGI, Mexico
<p>13:40 – 14:00</p>	<p>Presentation on Component 1: Planning and preparing</p> <ul style="list-style-type: none"> • Paul Riley - US Census Bureau <p>Tasks:</p> <ol style="list-style-type: none"> 1. Project Initiation and Pre-needs Assessment 2. Stakeholder Identification and Analysis 3. Roadmap of the activities (to design and develop country-level Action Plan)

The goals of this session are to **provide an understanding of the steps to complete the Planning and Preparing phase of the UN's suggested approach to implementing the UN- IGIF**, a shared understanding of the importance of the UN-IGIF, identify and engage with key stakeholders, and ideas to assist with the development of a plan of action for implementing the UN-IGIF and developing a country-level action plan.

<p>14:00 – 15:30</p>	<p>Breakout session on task 2 of component 1 “Identifying and analyzing national geospatial stakeholders,” based on the preworkshop assignment</p>
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The goals of the breakout session are to build upon the pre-work of the member states to **identify key stakeholders and to suggest ideas on how to categorize those stakeholders** based on the level of interest

and influence they have with geospatial information management within their respective countries, and to consider how to communicate with these stakeholders moving forward.

<p>15:30 – 16:00</p>	<p>Coffee Break</p>
<p>16:00 – 17:00</p>	<p>Plenary on breakout session on task 2 of component 1</p> <p>Moderated by Paul Riley</p>

DAY 2

<p>9:00 – 9:15</p>	<p>Presentation on component 2: Assessing and Analyzing (first part)</p> <ul style="list-style-type: none"> • Álvaro Monett, Regional Geospatial Advisor, ECLAC <p>Tasks:</p> <ol style="list-style-type: none"> 4. Current and Desired (or Future) Situation Assessment 5. Baseline Survey 6. Environmental Scanning and Analysis (understanding national situation)
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The goals of this session are **to provide an understanding of the first three steps of Assessing and Analyzing phase of the UN’s suggested approach to implementing the UN- IGIF**. These provide guidance and tools to identify the gaps to achieve the UN-IGIF goals, the desired future situation considering the strategic priorities of the country; to gather detailed information about the current geospatial information management ecosystem in the country and determine the internal and external factors having an impact on geospatial information management.

<p>9:15 – 11:00</p>	<p>Breakout session on task 6 of component 2 “Environmental Scanning and Analysis,” based on the preworkshop assignment</p>
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The goals of the breakout session are **to build upon the pre-work of the member states to elaborate a SWOT analysis to identify the internal strengths that the governments have for the management of geospatial information**, the weaknesses that may be a barrier to consolidate the national geospatial initiative, the opportunities that the government can offer to industry, commercial and community sectors through an efficient management of geospatial information, and the external factors that could place the implementation of integrated geospatial information management at risk.

11:00 – 11:15	Coffee Break
11:15 – 12:15	<p>Plenary on breakout on task 6 of component 2</p> <p>Moderated by Álvaro Monett</p>
12:15 – 13:30	Lunch
13:30 – 13:45	<p>Presentation on component 2: Assessing and Analyzing (second part)</p> <ul style="list-style-type: none"> • Valrie Grant - President of the Private Sector Network Americas <p>Tasks:</p> <ol style="list-style-type: none"> 7. Stakeholder Engagement Workshop 8. Strategic Alignment (and Benefits) Exercise

The goals of this session are to provide an **understanding of task 7 and 8 of Assessing and Analyzing phase of the UN’s suggested approach to implementing the UN-IGIF**. These provide guidance and tools for the Planning, preparation and implementation of the stakeholder engagement workshop. It also highlights the Strategic Alignment Tool to assist countries in aligning geospatial information management to national priorities.

13:45 – 15:30	<p>Breakout session on task 8 of component 2 “Strategic Alignment,” based on the preworkshop assignment</p>
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The goals of the breakout session are **to build upon the pre-work of the member states to identify their country's strategic priorities**. Participants will list the strategic drivers that will benefit from having strengthened geospatial information management. They will further determine what activities are required to facilitate transformational change and prioritizing these initiatives.

15:30 – 15:45	Coffee Break
15:45 – 16:50	<p>Plenary on breakout session on task 8 of component 2</p> <p>Moderated by Valrie Grant</p>
16:50 – 17:00	<p>“Strengthening geospatial capacities in the Caribbean” project</p> <ul style="list-style-type: none"> • Gabriela García Seco, Deputy Director of Technical Coordination, INEGI • Bheshem Ramlal, Senior Lecturer, UWI

DAY 3

9:00 – 10:00	<p>Presentation on component 2: Assessment and Analyzing (third part)</p> <ul style="list-style-type: none"> • Simone Lloyd, Principal Director of the National Spatial Data Management Branch of the Ministry of Economic Growth and Job Creation, Jamaica <p>Tasks:</p> <ol style="list-style-type: none"> 9. Vision, Mission and Goals 10. Gap Analysis Matrix 11. Needs Assessment and Gap Analysis Report
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The goals of this session are to provide an **understanding of tasks 9, 10 and 11 of Assessing and Analysing phase of the UN's suggested approach to implementing the UN-IGIF**. These provide guidance and tools to establish their own vision, mission and goals, that may form part of a country's geospatial strategy; to identify the major activities required to address the gaps in geospatial capabilities; and make decisions about how to address these gaps, the priority of addressing them, and how to proceed with resolving the gaps through actions.

10:00 – 11:00

Breakout session on task 9 of component 2 “Vision, Mission and Goals,” based on the preworkshop assignment

The goals of the breakout session are **to build upon the pre-work of the member states to** define their own vision, mission, and goals. Participants will have to elaborate statements for these three elements, taking into consideration their geospatial information strategies and national priorities. It is worth clarifying that goals need to be realistic, manageable, achievable, and appropriate to a country’s current situation.

11:00 – 11:15

Coffee Break

11:15 – 12:15

Plenary on breakout on task 9 of component 2

Moderated by Simone Lloyd

12:15 – 13:30

Lunch

13:30 – 15:15

Capstone Activity

Moderated by Valrie Grant, Bheshem Ramlal and Paul Riley

This activity will serve as a hands-on exercise in applying the knowledge gained from the material previously delivered during the workshop. Templates and a sample plan of action will be provided to facilitate the drafting of plans of action by country representatives. Participants are expected to present their draft plans. Several facilitators will be present to provide guidance, support, and feedback during the activity.

15:15 – 15:30

Coffee Break

15:30 – 15:45

15:45 – 16:00

Next steps

- **Valrie Grant** - President of the Private Sector Network Americas

Closure

- **Rolando Ocampo** – Director, Statistics Division, Economic Commission for Latin America and the Caribbean
- **Halim Brizan**, Head of the CARICOM Regional Statistical Program
- **Sherma Beroo**, Technical Specialist- Statistics, OECS Commission
- **Sherma Small**, Central Statistical Office, Government of St. Lucia



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