**QUESTIONNAIRE ON THE INTEGRATION OF
TERRESTRIAL, MARITIME AND CADASTRAL DOMAINS**

27 November 2024

Dear colleagues,

The Expert Group on Land Administration and Management (EG-LAM) and Working Group on Marine Geospatial Information (WG-MGI) invites you to participate in this survey related to the ongoing work on the integration of terrestrial, maritime and cadastral domains using geospatial information and technologies. Your input is crucial for developing an understanding towards a comprehensive reference with use-cases in the integration of terrestrial, maritime and cadastral domains, and how the United Nations Integrated Geospatial Information Framework (UN-IGIF) supports the these domain integration activities.

**Objectives**

1. To collect and analyse Member States' experiences and challenges in integrating domains using geospatial information and technologies.
2. To identify innovative approaches and good practices in implementing the UN-IGIF for the integration of terrestrial, maritime and cadastral domains.
3. To understand the support needed by Member States in advancing their efforts in integrating terrestrial, maritime and cadastral domains.
4. To gather insights on the potential roles that integrating terrestrial, maritime and cadastral domains can play in addressing national development priorities and global development agendas.

Your responses will contribute significantly to achieving these objectives, informing the development of a valuable reference for our UN-GGIM community. We appreciate your time, expertise and contribution.

**Respondent’s Information**

|  |  |
| --- | --- |
| Name of Member State | *[Fill in the blanks]* |
| Representative agency | *[Fill in the blanks]* |
| Name of respondent(s) | *[Fill in the blanks]* |
| Designation  | *[Fill in the blanks]* |
| Email address  | *[Fill in the blanks]* |

**Section 1: Understanding the integration of terrestrial, maritime and cadastral domains**

1. How would you define the integration of terrestrial, maritime and cadastral[[1]](#footnote-2) domains in the context of geospatial information management?

*[Fill in the blanks]*

*You may use the following guiding questions to provide your responses:*

* *What key elements should be considered when integrating terrestrial and maritime geospatial data?*
* *How would you describe the ideal relationship between the terrestrial and maritime domains in an integrated approach?*

**Section 2: Potential Use Cases for the Integration of Terrestrial, maritime and cadastral Domains**

1. How could the integration of terrestrial, maritime and cadastral domains contribute to your country's efforts in achieving national development priorities and the Sustainable Development Goals? Please provide specific examples where this integration could be beneficial for your country or region. Include any additional information (such as website links, charts or diagrams) to support your use case(s) whenever possible.

*[Fill in the blanks]*

*For each use case in your country or region, please provide (where relevant):*

* *Brief description: Outline the problem addressed, technologies used, and how domain integration is conducted.*
* *Potential benefits: Describe the expected outcomes and contributions to national priorities.*
* *Challenges and solutions: Identify main obstacles faced and how they were overcome.*
* *Key stakeholders: List the main parties involved and their roles in the integration effort.*

**Section 3: Implementation through UN-IGIF Strategic Pathways**

For the following questions, kindly support your views with your country’s experiences and use cases whenever possible.

1. Out of the nine strategic pathways in the UN-IGIF, which three pathways are the most critical for integrating terrestrial, maritime and cadastral domains in your country, and why? Where relevant, please elaborate on how these pathways are being used to achieve this integration in your country or region.

*[Fill in the blanks]*

*You may use the following guiding questions to provide your responses:*

* *Governance and Institutions: How could governance structures and institutions be adapted or created to support efforts to integrate terrestrial and maritime domains?*
* *Policy and Legal: What legal, regulatory and policy frameworks would be necessary to enable effective integration of terrestrial and maritime domains?*
* *Financial: How could financial resources be mobilised and allocated to support initiatives to* *integrate terrestrial and maritime domains?*
* *Data: What data-related strategies or principles would be crucial to successfully integrate terrestrial and maritime domains?*
* *Innovation: How could innovation (e.g. Artificial intelligence or the adoption of emerging technologies) be fostered to drive the sustainability and scalability of initiatives to integrate terrestrial and maritime domains?*
* *Standards: What standards would need to be developed or adopted to ensure interoperability in the* *integration of terrestrial and maritime domains?*
* *Partnerships: How could partnerships be leveraged to facilitate the* *integration of terrestrial and maritime domains?*
* *Capacity and Education: What capacity development and educational initiatives would be necessary to support the* *integration of terrestrial and maritime domains?*
* *Communication and Engagement: How could stakeholder communication and engagement be effectively managed and utilised to support objectives in the* *integration of terrestrial and maritime domains?*
1. Out of the nine strategic pathways in the UN-IGIF, which three does your country or region most need support with for integrating terrestrial, maritime and cadastral domains, and why? How might these challenges be addressed? Where relevant, please elaborate on how these pathways are being addressed in your country or region.

*[Fill in the blanks]*

*You may refer to the guiding questions from the previous question for reference.*

1. Do you have any other inputs you would like to share?

*[Fill in the blanks]*

*Do provide any additional information or insights that may not have been covered by the previous questions. You may also use the following guiding questions to provide your additional responses:*

* *What practical guidance or materials do you hope to gain from this reference?*
* *How could this reference better support your work in integrated geospatial information management?*

**END OF QUESTIONNAIRE**

1. For the purposes of this questionnaire, the maritime domain includes the coastal waters, seas, oceans, and their ports and harbours, and the remaining 70% of Earth’s surface covered by water, including coastal zones, deltas, and inland waterways and water bodies. [↑](#footnote-ref-2)