

Data, Information and Knowledge Sharing (DIKS) Working Group

Chairs

Cimbaro, Sergio – UN-GGIM: Americas

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Data, Information and Knowledge Sharing (DIKS) Working Group

Four points were raised to develop in the Working Group:

1. Identifying shared vision for DIKS
2. What are the drivers for DIKS in the region?
 - Why do we need a Spatial Data Infrastructure for the region?
 - What are the work components?
3. Data sharing platforms.
4. What would a governance structure for DIKS in the Americas look like?



Shared VISION for DIKS

- “Work together to build a Spatial Data Infrastructure for the region, to integrate, share, and exploit Geographical, Social, Economic and Environmental Information, for a shared and better future, to reduce the geospatial information divide by fostering effective cross-sector and interdisciplinary global, regional and local collaboration and partnerships, in support of national development priorities, and improving partnership among governments, academia, industry, the private sector, and civil society.”
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Why do we need a Spatial Data Infrastructure for the region?

To respond to socioeconomic and environmental demands:

Socioeconomic

- Infrastructure Development
- Monitoring Sustainable Development Goals (SDG)
- Human Health
- Migration
- Agriculture
- Industry
- Security...

Environmental

- Weather Forecasting
 - Climate Change Adaptation and Mitigation
 - Disaster Risk Management: Relief, Recovery, and Resilience
 - Environmental accounts in Statistics
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What are the work components?

It is proposed that the work components should be aligned with the Integrated Geospatial Information Framework (IGIF):

- ❑ Governance
 - Regional organizations must work together and in coordination to strengthen the Spatial Data infrastructures of the Member States.
 - ❑ Integrated policies and Legal Framework
 - ❑ Data and services quality
 - Integration of Geographic and Statistical information and EO data
 - ❑ Technology Infrastructure
 - Science and knowledge sharing
 - Accessibility
 - Usability
 - Improving connectivity
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What are the work components?

It is proposed that the work components should be aligned with the Integrated Geospatial Information Framework (IGIF):

- ❑ Standard implementation
 - Data Standardization
 - Interoperability
 - Promote and adopt open standards
 - ❑ Capacity Building
 - Technical
 - Knowledge sharing
 - Knowledge Repositories
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Data sharing platforms

It is proposed that different interoperable platforms for the visualization of standardized geospatial information can coexist.

We consider that the best way to implement this is for regional organizations to work together to promote that Member States apply the principles and guidelines of the Integrated Geospatial Information Framework (IGIF), with its implementation guide.

Most of the countries are represented in the different regional and international organizations, through organizations that produce information necessary for the analysis of different situations at the regional level. It is necessary that this information can be integrated in an interoperable way and to achieve this it is a priority that everyone works together and in a coordinated way avoiding duplication of efforts.



What would a governance structure for DIKS in the Americas look like?

The creation of an Inter-Agency Working Group (IAWG) is proposed, with broad participation from interested international / regional organizations, private sector organizations and the academic world, with similar objectives and interests, to contribute to the implementation of the Framework. Integrated Geospatial Information (IGIF) in the countries, through a Regional Spatial Data Infrastructure, which facilitates decision-making in the Americas.

As of the creation of the Working Group, it is proposed to agree on a joint action plan that allows to achieve the proposed objectives.

Our Working Group

Data, Information and Knowledge Sharing			
Last Name	First Name	Position	Organization
Cimbaro	Sergio	Co-chair	UNGGIM-A
Fraizer	Rich	Co-chair	AmeriGEO
Rodríguez Tomeo	César	Co-chair	PAIGH
Adamo	Susan	Participant	AmeriGEO
Barbuda	Miriam	Participant	UNGGIM-A
Blake	Cecille	Participant	UNGGIM-A
Ceballos	Joselyn	Participant	AmeriGEO
Chou	Estelle	Participant	AmeriGEO
Esparza	Luis Gerardo	Participant	UNGGIM-A
Garcia Seco	Gabriela	Participant	UNGGIM-A
Gutierrez	Angélica	Participant	AmeriGEO
Loubier	Eric	Participant	UNGGIM-A
Mache	Rafael	Participant	UNGGIM-A
McNairn	Heather	Participant	AmeriGEO
Molina	Commander Cesar	Participant	AmeriGEO
Mondragón	José Luis	Participant	UNGGIM-A
Monett	Álvaro	Participant	UNGGIM-A
Moreno	Sandra	Participant	UNGGIM-A
Paul	Riley	Participant	AmeriGEO/UNGGIM-A
Pomfret	Kevin	Participant	AmeriGEO
Sutuc	Ileana	Participant	UNGGIM-A
Taylor	Patrick	Participant	AmeriGEO
Urban	Mark	Participant	AmeriGEO

*Better together: Geospatial information for
decision making in the Americas*

thank you!