The Importance of the IGIF
OUR WORLD TODAY

How are we answering questions about important global challenges?

- Digital Connectivity
- Climate and Energy Security
- Health and Health Security
- Gender Equality and Equity
TECHNOLOGY AND DATA TODAY

Combine information about people, businesses, health care, and weather with information about location.

**Statistical Data**
- Population
- Age
- Race
- Gender
- Housing
- Owner
- Renter
- Education
- Income
- Poverty
- Employment
- Health Status

**Geospatial Data**
- Addresses
- Transportation Networks
- Legal Boundaries
- Hydrography
- Imagery
- Land Cover/Use
- Land Parcels
- Geodetic Reference Frames

**Powerful Visuals and Tools**
- Powerful visualizations
- Tools to inform decision making
- Maps
- Charts
- Graphics
- Tables
- Dashboards
- Viewers
The Digital Equity Act of 2021 was established by the Bipartisan Infrastructure Law, also called the Infrastructure Investment and Jobs Act (Sections 60031-60037). The State Digital Equity Planning Grant Program is the first of three Digital Equity Act programs that will be administered by the National Telecommunications and Information Administration (NTIA). Under the legislation, NTIA will allocate awards to participating States (including the 50 states, the District of Columbia, and Puerto Rico) based on their populations, demographics, and availability and adoption of broadband. This map viewer depicts the data used in the funding allocation formula. Learn more here.

This map shows the percentage of the population that falls into at least one of the eight covered population categories by State as defined by the Digital Equity Act of 2021. Click on a State to learn more.

Legend

State (or state equivalent) boundary

Percent by state (or state equivalent)

- 90.0 or more
- 85.0 to 89.9
- 80.0 to 84.9
- 75.0 to 79.9
- Less than 75.0
Geospatial information is a critical component of the national infrastructure and knowledge economy; a blueprint of what happens where, and the means to integrate a wide variety of government services.

Geospatial information has emerged as a major contributor to economic transformation in many countries, including e-government, e-service, and e-commerce.

Yet there is still a considerable need to strengthen awareness and understanding of the vital role of geospatial information.
THE INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK – IGIF

Integrated Geospatial Information Framework (IGIF)

- Integrated Geospatial Information Framework
  - Why? (Part 1)
- Overarching Strategic Framework
- Implementation Guide
  - What? (Part 2)
- Country-level Action Plans
  - How, when, who? (Part 3)

UNSD — UN-GGIM
IGIF TEMPLATES
World Bank Created Tools

- Diagnostic/Baseline Assessment
- Geospatial Alignment to Policy Drivers
- Socio-Economic Impact Assessment

Business case
Alignment to Policy / Business Drivers
Socio-Economic Impact Assessment

Action/Investment Plan

The templates are available HERE.

[Template] Baseline Assessment World Bank Implementation Methodology
[Template] Geospatial Alignment to Policy Drivers World Bank Implementation Methodology
[Template] Socio-Economic Impact Assessment World Bank Implementation Methodology
[Template] Action Plan World Bank Implementation Methodology
IGIF TEMPLATES

Example Templates - Moldova

The examples are available [HERE](#)
NINE STRATEGIC PATHWAYS OF THE IGIF
For Building a Better Future
The course is free and a nominal fee is charged for the ‘certificate’ graded version.

The course can be accessed here
A fifth module was recently added and is currently a standalone module.

Module Five explains the socio-economic impact assessment methodology.

The fifth module is free and can be accessed here.
IMPLEMENTATION OF THE IGIF

High-level Group of the IGIF

• Formation of a United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) High-level Group on the IGIF (HLG-IGIF) in 2021

• Comprised of 22 Member States
  - Bureau of UN-GGIM (4 members)
  - Regional membership (2-4 members from each region)

• Provides strategic leadership, promotion, coordination, and oversight to sustain the uptake and implementation of the IGIF

• Focused on three priority goals:
  - Improving Communication
  - Strengthening Capacity Development
  - Mobilizing Sustainable Funding
A CASE FOR CHANGE

IGIF Helps Overcome Traditional Challenges

CHALLENGES

LIMITED CAPABILITIES
Data management policies, practices, and integration and analytical capabilities are currently limited in many countries. This is particularly a significant challenge for developing countries.

ORGANIZATIONAL SILOS
Geospatial information has been typically collected in organizational silos - resulting in data duplication, and the use of different data standards, formats, and classifications. This has made data harmonization, maintenance and integration problematic.

OPPORTUNITY

INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK
IGIF provides an inclusive and engaging mechanism to bring collaboration, coordination, and cohesion across a country (government institutions & private sector) for the purposes of developing, strengthening and integrating arrangements in national geospatial information management.
RESULTS ACHIEVED

Member State Testimonials

- Improved health care delivery
- Improved Property Taxation
- Faster Emergency Dispatch
- Quicker/Cheaper Land Surveys
- Leadership
- Economic Growth
- Investment
- Efficiency
- Effective Forward-thinking
- Improved land use fees
- Coordination
- Simplified Decision Making
- Collaboration
- Integrated Management
- Cost Savings
- Geospatial data sharing
- Quality Information
- Transformation
- Integrated
- New Geospatial Products and Services
- Innovation
- Triggering
- Effective disaster management
- New Jobs
- Inter-operable
- Enhanced Urban Planning
- Embracing Change
- Framework
- Citizen-Centered
- Advanced Technology
- Partnerships
- Evidence-based decision making
- Accessible and Useful
¡THANK YOU!