



UNGEONOW 2025
第二届联合国地信周



倡议发布 Initiative Release

全球地理信息公共产品创新联盟 Global Alliance for Geospatial Public Goods Innovation 世界地理信息产业联盟 World Alliance for Geospatial Information Industry

Deqing, China
October 22nd, 2025

Background & Challenges



UNGEONOW 2025
第二届联合国地信周



Geospatial information has emerged as a key driver of sustainable development, with great potential to accelerate global digital transformation and promote wide-ranging applications.

Limited access to geospatial information resources

Outdated technologies

Shortages of skilled professionals



According to the Progress Report on the Implementation of the Sustainable Development Goals released by the United Nations on July 14, 2025 —

35%

Stay on track or
make some progress

47%

Insufficient progress

18%

regression



Initiative for the Establishment of the Global Alliance for Geospatial Public Goods Innovation

The evolution of spatiotemporal information from digital representation to intelligent decision-making marks a transformative shift in global data ecosystems. As the principal intergovernmental mechanism for geospatial governance, the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) continues to foster international cooperation in data sharing, standardization, and capacity development. Aligned with the core objective of empowering sustainable development with geospatial information, we hereby propose the establishment of the Global Alliance for Geospatial Public Goods Innovation. This initiative seeks to address disparities in development, resource constraints, fragmented innovation, and the persistent gap between knowledge generation and practical application, which hinder the full realization of geospatial information's potential to support sustainable development.

Vision and Mission

We envision a resilient and inclusive global society where the deployment of robust spatiotemporal solutions catalyzes transformative action at all levels.

The mission is to foster cross-border collaboration among stakeholders in open data, emerging technologies, standards, application ecosystems, and impact delivery, ensuring that geospatial public goods are harmonized, accessible, and leveraged to advance the digital economy and the 2030 Agenda for Sustainable Development.

Guiding Principles

The Alliance will be guided by the following core principles:

- Openness and inclusivity, ensuring equitable access and benefit-sharing.
- Innovation with impact, promoting solutions that deliver measurable results.
- Participatory governance, engaging a broad spectrum of stakeholders in decision-making.
- Respect for national sovereignty, upholding equality and mutual benefit in all engagements.

Strategic Priorities

The Alliance will pursue three initial priority areas:

- **Development of a global portfolio of geospatial public goods**, comprising reusable datasets, tools, models, and best practices, with a focus on replicability and scalability.
- **Establishment of an open and collaborative platform for spatiotemporal knowledge**, enhancing access to data, tools, expertise, and capacity, particularly for developing countries, and nurturing a sustainable global knowledge-sharing ecosystem.

- **Formulation of policy guidance and actionable frameworks**, supporting Member States, especially those in special situations, in planning, implementing, and monitoring geospatial contributions to the Sustainable Development Goals, thereby translating science into services.

Call to Action

We invite stakeholders across sectors and regions to join this global effort as founding members. We call upon **Member States** to lead policy dialogue, articulate national needs, and create enabling environments.

We encourage **international organizations, standards bodies, and academic networks** to contribute authoritative knowledge and global perspectives.

We welcome **academic and research institutions** to share cutting-edge research and expert insights.

We invite **industry, technology enterprises, and civil society** organizations to contribute tools, computing resources, and practical experience.

We urge **philanthropic foundations and investors** to support the initiative through financing, resources, and capacity-building efforts.

Next Steps

Building on the momentum of UN GEONOW 2025, we will initiate the application process for founding membership and convene a preparatory working group to gather broad input and draft the Charter and governance proposals. The alliance is scheduled to be officially established and commence operation in 2026.

In the face of shared global challenges, enhanced cooperation is imperative. Let us unite our knowledge, resources, and commitment to build a vibrant global community for geospatial knowledge and innovation, transforming data into insight, technology into solutions, and vision into reality. Together, we can harness geospatial information as a powerful enabler of a safer, more equitable, and sustainable future for all.

Contact Information for the Preparatory Working Group:

Moganshan Geospatial Information Laboratory: interco@mgsilab.ac.cn

United Nations Global Geospatial Knowledge and Innovation Centre (UNGKIC):

yihan.wang1@un.org

Date: October 22, 2025

Date: October 22, 2025



Proposal for the Establishment of the World Alliance for Geospatial Information Industry (WAGII)

The sustainability of geospatial information services is grounded in solid industrial capacity. Only by vigorously developing the geospatial information industry can countries fully leverage their advantages in data, talent, and technology, thereby enhancing their overall geospatial information capability.

Today, as digitalization, informatization, and intelligentization accelerate across the globe, the geospatial information industry—an essential component of the digital economy—is embracing unprecedented opportunities. According to statistics, the global geospatial information industry output reached USD 452 billion in 2022, and it is projected to grow to USD 1.34 trillion by 2030, with a compound annual growth rate of 12.8%.

However, the development of the global geospatial information industry remains highly uneven. Many developing countries face significant gaps in data availability, human resources, and technological capacity. To address these challenges and promote high-quality, balanced, and sustainable development of the global geospatial information industry, we hereby propose the establishment of the World Alliance for Geospatial Information Industry (WAGII).

Vision and Mission

The Alliance envisions an open, collaborative, and inclusive global network for industrial cooperation in geospatial information. It aims to promote technology sharing, industrial synergy, and capacity building, contributing to the realization of the United Nations 2030 Agenda for Sustainable Development.

Its mission is to establish a pragmatic and efficient international cooperation platform, advance innovation and application of geospatial information technologies, foster the deep integration of global industrial chains, and enhance the geospatial information service capacities of all countries—especially developing countries—thus providing strong support for global economic and social sustainability.

Guiding Principles and Key Tasks

The Alliance will operate based on the following principles:

- Government guidance with market leadership
- Industrial synergy driven by innovation
- Open cooperation for mutual benefit and shared success
- Respect for sovereignty and data security

The Alliance will focus on five key tasks:

1. Building a global industrial exchange platform
Host the World Geospatial Industry Development Forum and International Geospatial Technology & Equipment Expo on a regular basis.
Establish global cooperation networks, facilitate technology matchmaking and business partnerships, and, in due course, create an online-offline international geospatial trading marketplace.
2. Promoting industrial cooperation
Facilitate agreements among members, create cooperation platforms, promote technology transfer, establish joint ventures and industrial parks, and drive standardization and cross-sector integration.
Encourage international trade and collaboration in geospatial information technologies, equipment, and services.

3. Developing talent and capacity-building systems

Rely on the International Institute for Geospatial Knowledge and Innovation and partner with top global universities and enterprises to offer advanced technical training and certification programs. Treat Deqing, China as a global hub to provide professional guidance and residency support for industry organizations.

4. Establishing a global industry monitoring mechanism

Conduct systematic research on the global geospatial information industry and regularly publish the Blue Book on Global Geospatial Information Industry Development, offering authoritative data and policy insights to guide national strategies.

5. Supporting project assistance

Actively engage with South-South cooperation funds and other international mechanisms to support geospatial information infrastructure and key technology applications in developing countries, promoting local economic and social growth.

Call to Action

We sincerely invite all stakeholders around the world to join this important initiative:

- Governments of member states are encouraged to provide enabling policies and regulatory frameworks to support international industrial collaboration.
- Industry associations and trade promotion agencies are invited to become Alliance members, serving as a bridge between enterprises, governments, and global markets.
- Global enterprises and industrial partners are urged to participate actively in Alliance activities, share technologies, expand market opportunities, and collaborate along the industrial value chain.
- Academic and research institutions are encouraged to promote industry-academia-research partnerships, transforming cutting-edge innovations into practical, market-oriented solutions.
- Investment and development organizations are invited to focus on key areas and emerging markets within the geospatial information industry, offering financial and technical support.

Next Steps

It is proposed that a Preparatory Committee for the Alliance be established in Deqing, China, to initiate the organizational groundwork. The Committee will invite national industry associations, international organizations, and relevant institutions with strong representation and influence to serve as founding members. The goal is to bring together core stakeholders from over 30 countries and regions, laying a solid foundation for a truly global industry network. Subsequently, a Founding Members Conference will be convened to elect the Council and Secretariat, marking the official launch of the Alliance. Legal registration will be completed once conditions permit.

A collaborative and innovative global industrial ecosystem is vital for driving economic growth and addressing shared challenges. The WAGII aspires to become the central hub of this ecosystem—stimulating market vitality through pragmatic cooperation and creating commercial value through technological convergence.

Let us join hands to transform the boundless potential of geospatial information into a powerful force for global prosperity and sustainable development, and together, build a data-driven, intelligently connected future.

Contact Information

Preparatory Committee for the World Alliance for Geospatial Information Industry (WAGII)

Email: gliicb@cagis.org.cn

United Nations Global Geospatial Knowledge and Innovation Centre (UN-GGKIC)

Email: yihan.wang1@un.org

Date: October 22, 2025



Moganshan Geospatial Information Laboratory

Email: interco@mgsiab.ac.cn

Committee for the World Alliance for Geospatial
Information Industry (WAGII)

Email: giicb@cagis.org.cn

UN-GGKIC

Email: yihan.wang1@un.org

