



EARTH OBSERVATIONS IN SERVICE OF THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

GEO GI-18 Initiative: Overview of Draft Implementation Plan



THE GLOBAL GOALS
For Sustainable Development



GI-18: Draft Implementation Plan

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Vision:

Countries, stakeholders, and the global community desire additional Earth observations and geospatial information to continue progress on improved social, economic, and environmental sustainability.

GI-18 Purpose:

Organize and realize the potential of Earth observations and geospatial information to advance the 2030 Agenda and enable societal benefits through achievement of the Sustainable Development Goals.

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Initiative Goals

GOAL I: Earth observations contribute in novel and practical ways to support achievement of the SDGs.



Produce effective methods for five Goals by 2018 and eight Goals by 2020.

GOAL II: Increase skills and capabilities in uses of Earth observations for SDG activities and their broader benefits.



Engage 50 countries in trainings on rolling three-year average.

GOAL III: Broaden interest and awareness of Earth observations support to the SDGs and social, environmental, and economic benefits.



Issue annual awards in 2017-2020 on uses of Earth observations for SDGs.

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Implementation Mechanisms

(done in conjunction with existing GEO efforts)

PROJECTS:

A portfolio of projects conceive, develop, test, validate and deploy uses of Earth observations to support the tracking of and reporting on the SDGs, including integration with national statistical accounts for the indicators.

CAPACITY BUILDING:

Activities provide support to institutions and individuals in the ideation, development, and implementation of methods, building capabilities directly with the SDG methods and more broadly with accessing and applying Earth observations.

DATA AND INFORMATION PRODUCTS:

Activities advancing the provision, access, discoverability, and applicability of Earth observations and geospatial information for use with the SDGs.

OUTREACH AND ENGAGEMENT:

A portfolio of activities and events to promote the consideration and adoption of Earth observations for the SDGs by nations and stakeholders.

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Partnerships

Pursue partnership as a key element of the implementation, leveraging knowledge, resources, and skills of in a collective support of the SDGs.

- » Work with established GEO partners and seek to expand GEO's set of partners where possible.
- » Collaborate to ensure the methods are sound for use with Indicators and Targets
- » Work with partners on distribution of methods and solutions so they are available for all to use
- » Collaborate to support countries and stakeholders to use the methods and build capacity

Key organizations GI-18 Initiative will pursue as partners include the following, adding others over time:



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Initiative Management

Governance

The GI-18 Initiative uses a governance approach akin to an organization's board of directors. This GI-18 board provides corporate-level oversight the initiative and tracks activities. Co-leads head the board.

Internal Communications

The board holds routine telecons to review status and progress. Periodic telecons with broader team and community help them stay informed. An annual, in-person meeting.

Evaluation

Board assess progress and performance relative to expectations and evaluations if Initiative is properly formulated. Annual meeting a key event for revising targets and schedule.

Schedule

There are general events and activities that occur every years (e.g., GEO Plenary side events) and ones specific to a given year. GI-18 maintains a detailed two-year schedule, updated every year.

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Performance

Initiative

A key measure of the Initiative's performance overall is the achievement of the objectives for the three GI-18 goals.

Projects

The GI-18 team employs a seven-stage metric to track the maturation of SDG methods using Earth observations and geospatial information.

This Method Useability Level (MUL) index provides a scale for the expected advancement along a continuum – from initial idea, through development and field testing, to adoption and sustained use.

SDG Method Useability Level index

7. Widespread Sustain Utilization
6. Deployment and Use
5. Method Approval
4. Field Testing and Refinement
3. Method Verification & Validation
2. Proof of Method Concept
1. Idea and Method Invention

