



Inter-Agency and Expert Group on the Sustainable Development Goal Indicators

Working Group on Geospatial Information

Task Stream on Application of satellite Earth Observation Data for the SDG indicators

Execution Plan

November 2018



GOBIERNO DE COLOMBIA



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Objectives

Develop expert advice and guidance to IAEG-SDGs and the larger statistical community

To build broader understanding on the application of analysis-ready satellite EO, technologies and tools for SDG indicators, and to inform sustainable development planning and decision making at the national level.

Provide recommendation on the role of NSOs on the uptake of analysis-ready satellite earth observations.

Document national experiences and good practices including case studies

- ✓ 6.3.1 (wastewater management)
- ✓ 6.3.2 (ambient water quality)
- ✓ 6.6.1 (spatial extent of water-related ecosystems)
- ✓ 9.1.1 (rural population within 2 km distance from all-season roads)
- ✓ 11.3.1 (land consumption per population growth)
- ✓ 15.3.1 (proportion of degraded land per total land)



Leadership

The Task Stream is co-chaired by Colombia and Sweden together with the support of the GEO's Earth Observations in Service of the 2030 Agenda for Sustainable Development (EO4SDG) initiative and the Committee on Earth Observation Satellite (CEOS).

Membership

All members of the Working Group (23 members) comprising expert representatives of national statistical offices, national mapping agencies, space agencies, United Nations System and international organizations will participate in the Task Stream.



Proposed deliverables

Compendium and policy brief on the EO contribution to the SDG Indicators.

Primers and Technical guidelines, with national good practices, on the integration of satellite EO data streams into the production of SDG indicators

Toolkit of effective methods



Proposed tasks

Compendium and policy brief on the EO contribution to the SDG Indicators

- To compile documentation presented by the country members to classify the experiences into policy brief, guidelines or bases
- Identification and linkage with programs or initiatives with available EO data for the six SDG indicators calculation
- Review of metadata of the six SDG indicators based on Evaluation of the WGGI Shortlist Indicators
- To prepare a feedback for custodian agencies of the six SDG indicators metadata

Document national experiences and good practices including case studies

- Primer on: EO good practices and national show cases of EO for indicator 11.3.1
- Primer on: EO good practices and national show cases of EO for indicator 6.6.1
- Primer on: EO good practices and national show cases of EO for indicator 15.3.1
- AGU Geophysical Monograph Series on 'Earth Observation Applications and Global Policy Frameworks'

Provide recommendation on the role of NSOs on the uptake of analysis-ready satellite earth observations

- Primer for NSOs (including NSO input / feedback) on 'how to' integrate EO and national statistics starting from select indicators
- Review of ongoing initiatives (UN-Platform, ESRI SDG Hub) for SDG measure, monitoring or data processing



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Thank you



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