
Leave no one, NO WHERE, behind


Integration of geospatial information and statistical data will be particularly important for the production of several indicators (SDGs Report 2019)

The combined geospatial and statistical expertise of the WGGI positions it to facilitate and support a “data ecosystem” for measuring and monitoring the SDGs.

UNGGIM 7th session, August 2017

WGGI - some of the latest outputs


The WGGI aims to ensure from a statistical and geographic location perspective that the key principle of the 2030 Agenda "to leave no one behind", is reflected in the Global Indicator Framework.

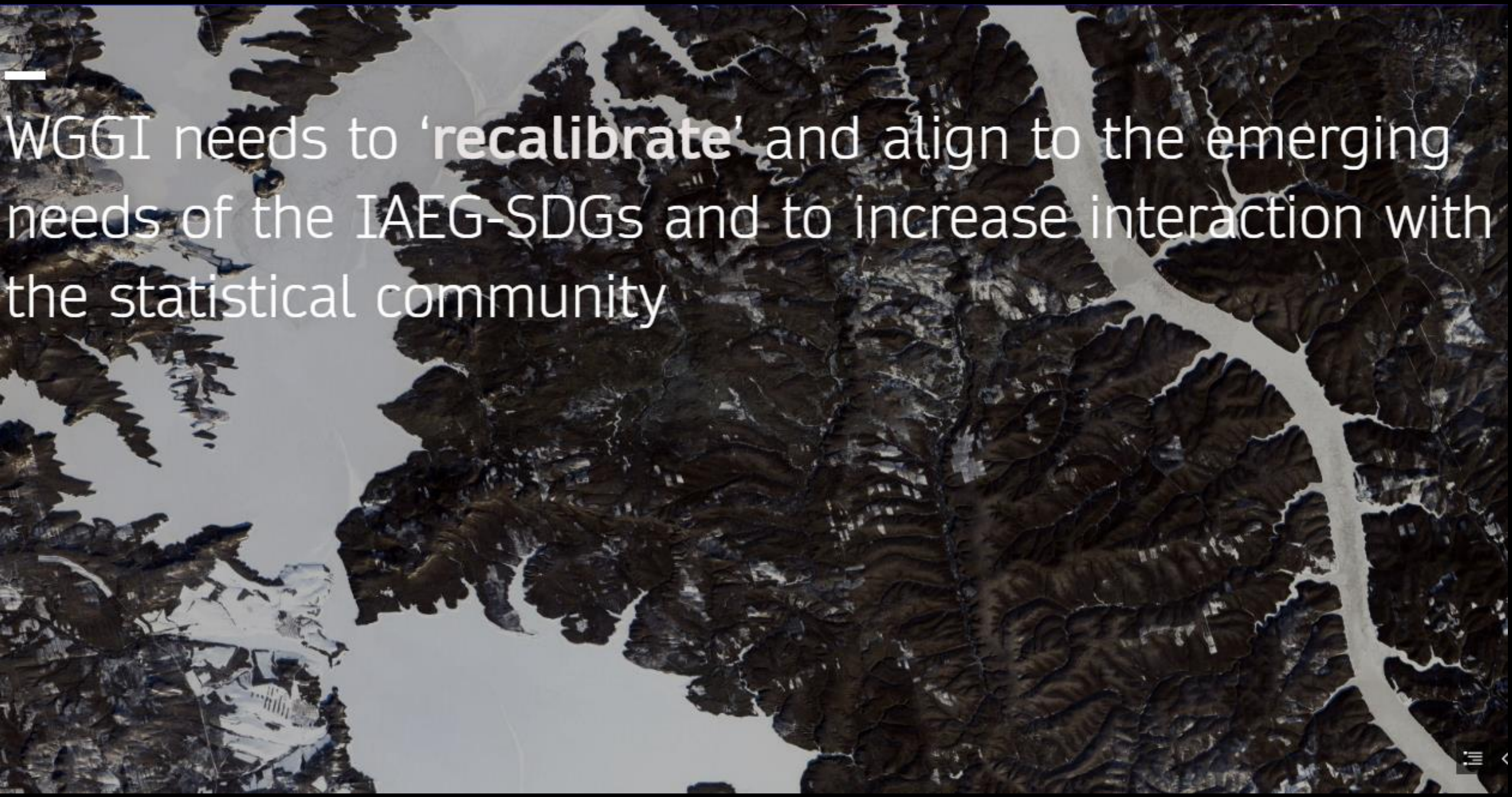
National Voluntary Assessment on member's readyness to produce indicators (traffic-light).

Paper **Global and Complementary (Non-authoritative) Geospatial Data for SDGs: Role and Utilisation** promoted the understanding, contribution and possible utilization of global, new and complementary data for the SDGs Find it here.

Paper **Specifications of land cover datasets for SDG monitoring** provided information on the EOs contribution to the SDGs with a focus on land cover datasets. Find it here.

Reports

- 1st Meeting - 4 August 2016, UNHQ New York
- 2nd Meeting, 12 - 14 December 2016, Mexico City *(Expert Group Meeting)*
- 3rd Meeting, 8 - 10 May 2017, Kunming (Progress Report to 5th IAEG-SDGs Meeting & Progress Report (Presentation) to 5th IAEG-SDGs Meeting)
- 4th Meeting, 6 - 8 December 2017, UNHQ New York (Summary Report)
- 5th Meeting, 5 - 8 December 2018, Nairobi, Kenya (Wrap up, next steps and close)



WGGI needs to '**recalibrate**' and align to the emerging needs of the IAEG-SDGs and to increase interaction with the statistical community

IAEG-SDGs expressed concern that the WG is not sufficiently connected to their work: members are mostly from the geospatial community (little representation from the statistical community) *-8th meeting*

IAEG-SDGs decided to prepare specific guidelines for the WGGI: suggests to revise its terms of reference, memberships and work programme *-9th meeting*

The **ToRs** have been updated (July 2019) and are intended to bring about better coordination and working relationship between the IAEG-SDGs, the WG and custodian agencies

The revised **ToRs** provide the objectives, governance, tasks, membership of the Working Group

Recent events

- Ms. Marie Haldorson (Statistics Sweden) has stepped aside as co-Chair
- Mr. Kevin McCormack, from Central Statistics Office, Ireland joined as new co-Chair

The co-Chairs, Working Group, and Secretariat offered thanks to Marie for her leadership and conveyed their well wishes in her new role and responsibilities within Statistics Sweden

Co-chairs have initiated conversation to revise its membership considering the new defined membership of the IAEG-SDGs.

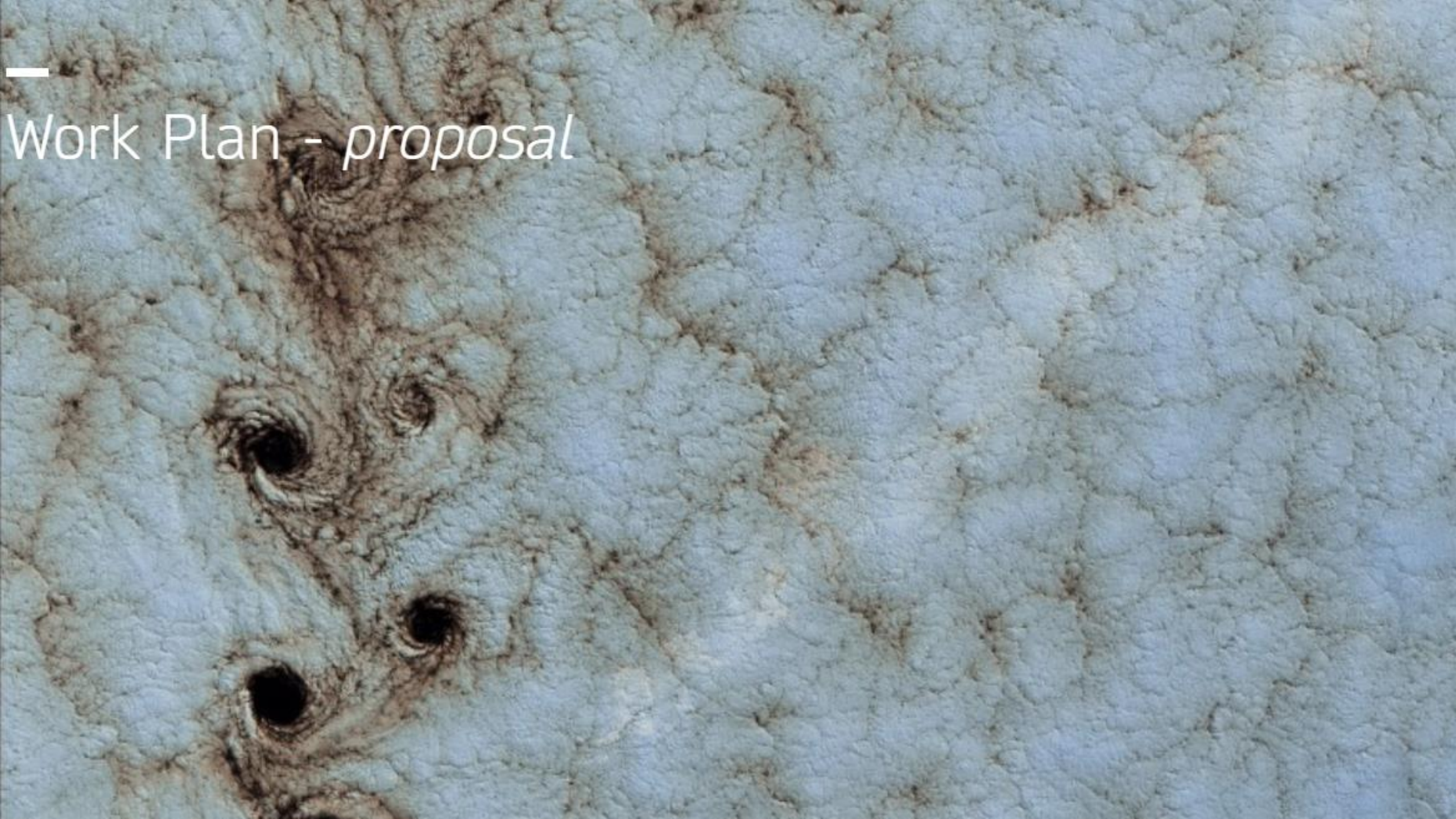
WGGI - new terms of reference & new work plan

Specific Objectives

- Provide expertise and advice to the IAEG-SDGs, custodian agencies and the larger statistical community as to how geospatial data, Earth observations and other new data sources can reliably and consistently contribute to the production and dissemination of the indicators.

- Review options and provide guidance to the IAEG-SDGs, as to the role of national statistical offices (NSOs) in considering geospatial data and Earth observations, as a mean to contribute to and validate datasets as part of official statistics for SDG indicators.

Work Plan - *proposal*



The work plan will be presented to the IAEG-SDGs for endorsement

Short term (6 months)

- Reconstitute membership
- Review shortlist
- Showcase: develop story telling documents that detail 2 - 3 indicators the WG worked on
- Identify specific communications and coordination mechanisms

Longer term

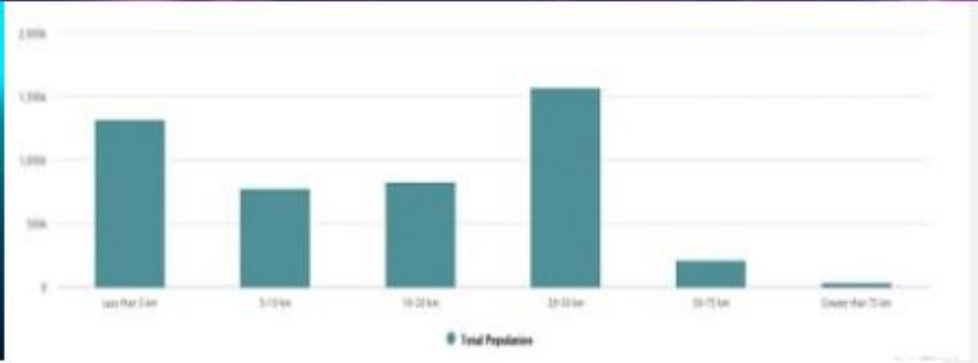
- Develop guidance and recommendations regarding the use of frameworks and how they help in the production of indicators
- Identify interlinkages among relevant groups
- Enable broad consultation and promotion of the outputs of the WGGI

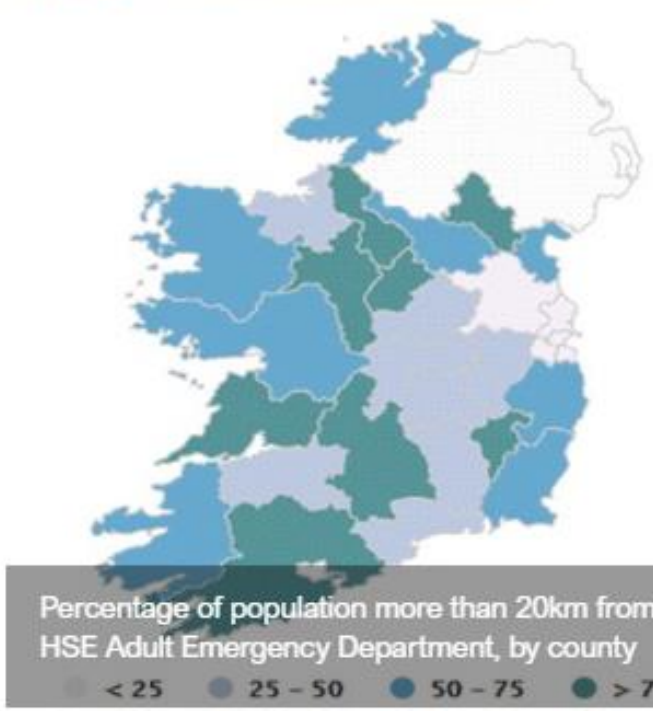

Examples - Geospatial and Statistical data integration

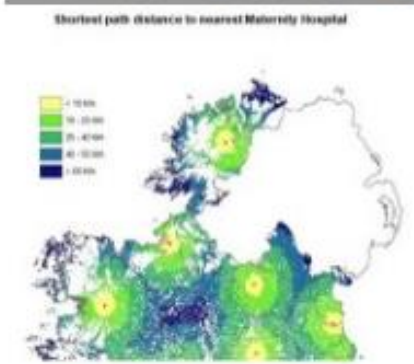
IRELAND

From a *not very interesting, statistical graph on the distance of population to the nearest emergency department* to this *very informative and easily understood map with county as the geography layer.*

Geo-statistical dataset allows proximity analysis

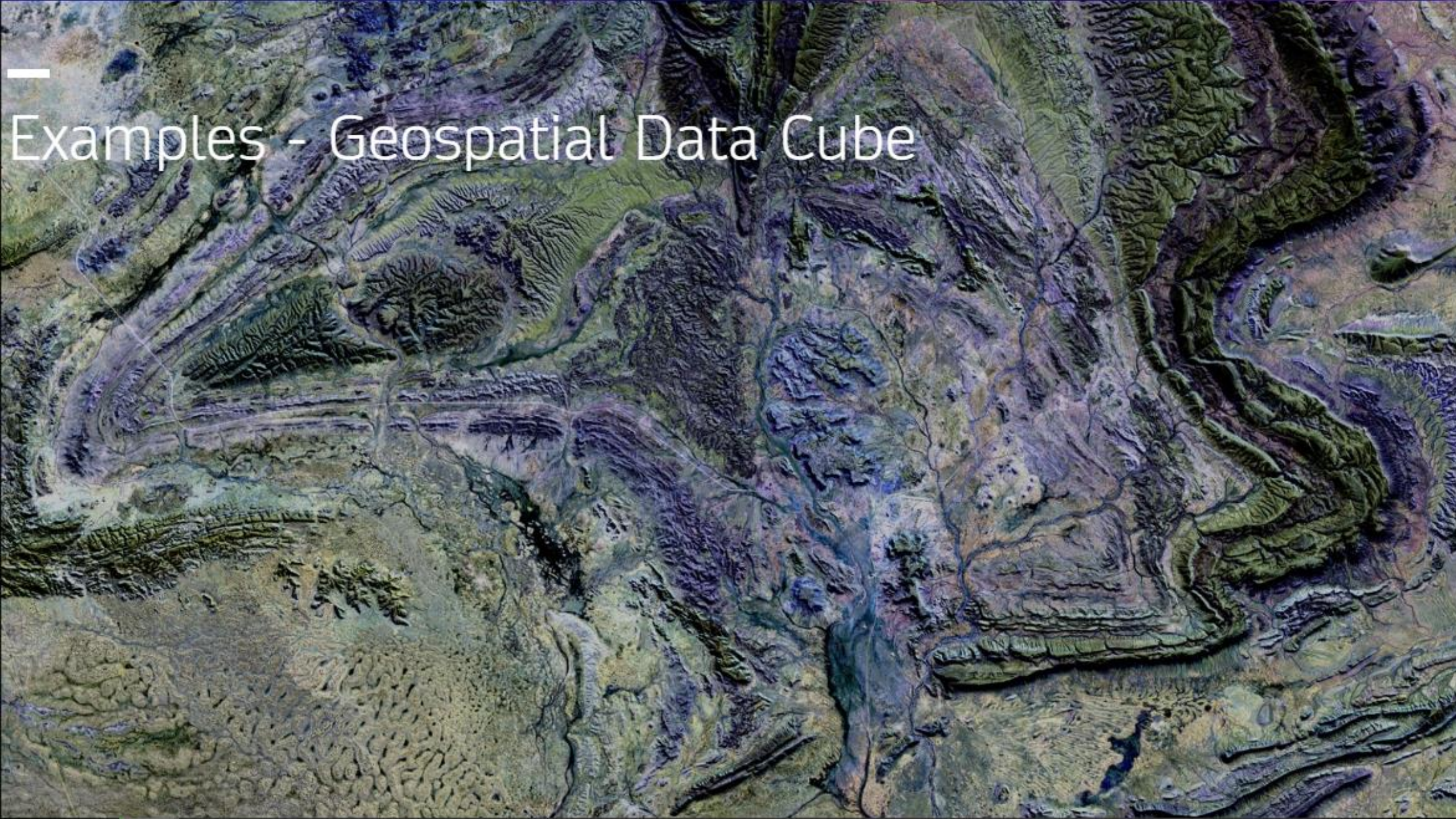






CSO geocoded 2016 Census dataset with Ordnance Survey Ireland's (OSi) central database of spatial information, PRIME2

Examples - Geospatial Data Cube



MEXICO

National cover: *one pixel at a time*

Machine Learning Techniques applied for:

Land cover classification -**SDG indicator 15.4.2**

Water Observations from Space -**SDG indicator 6.6.1**

Urban growth (**SDG 11**)

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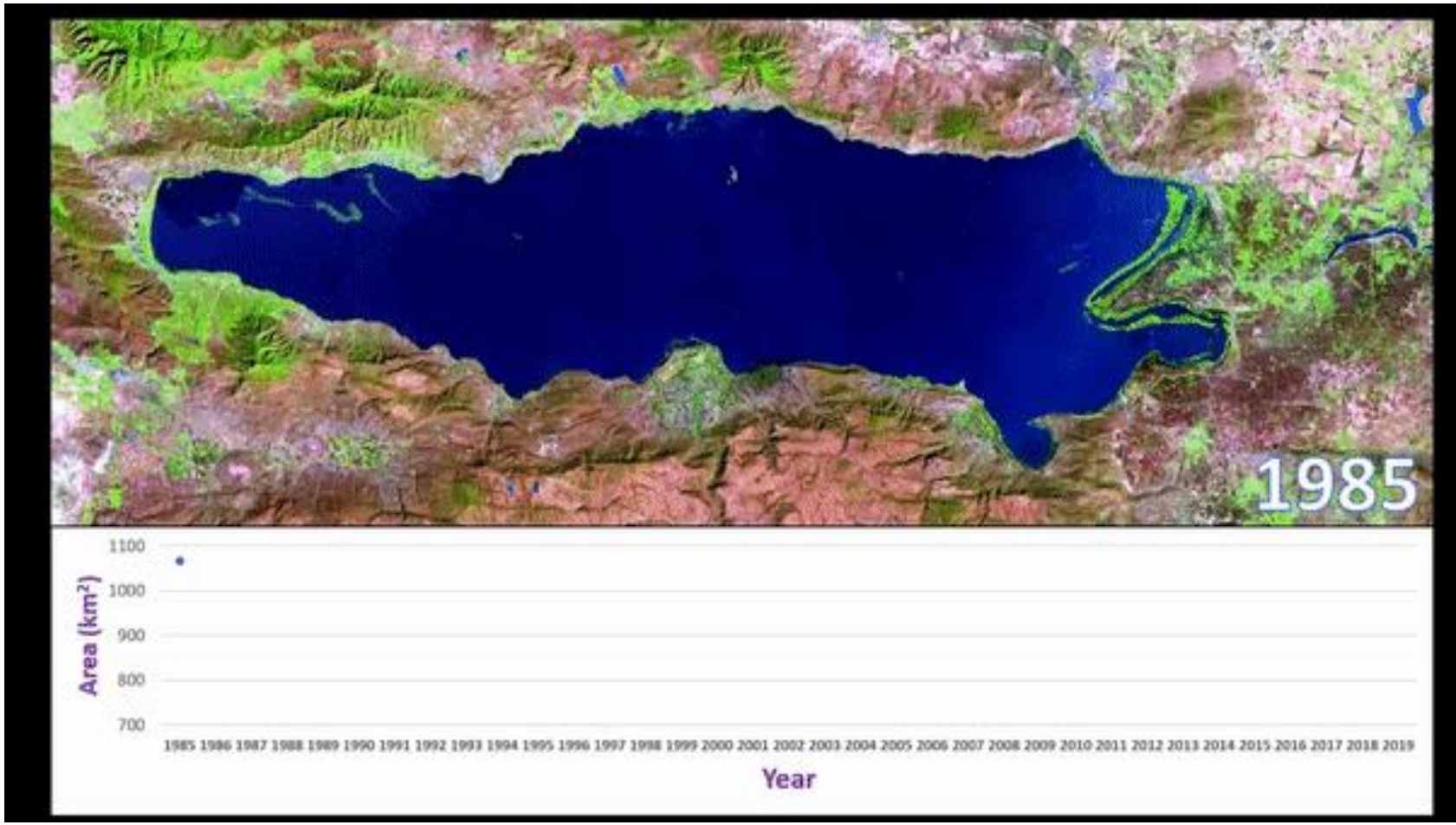

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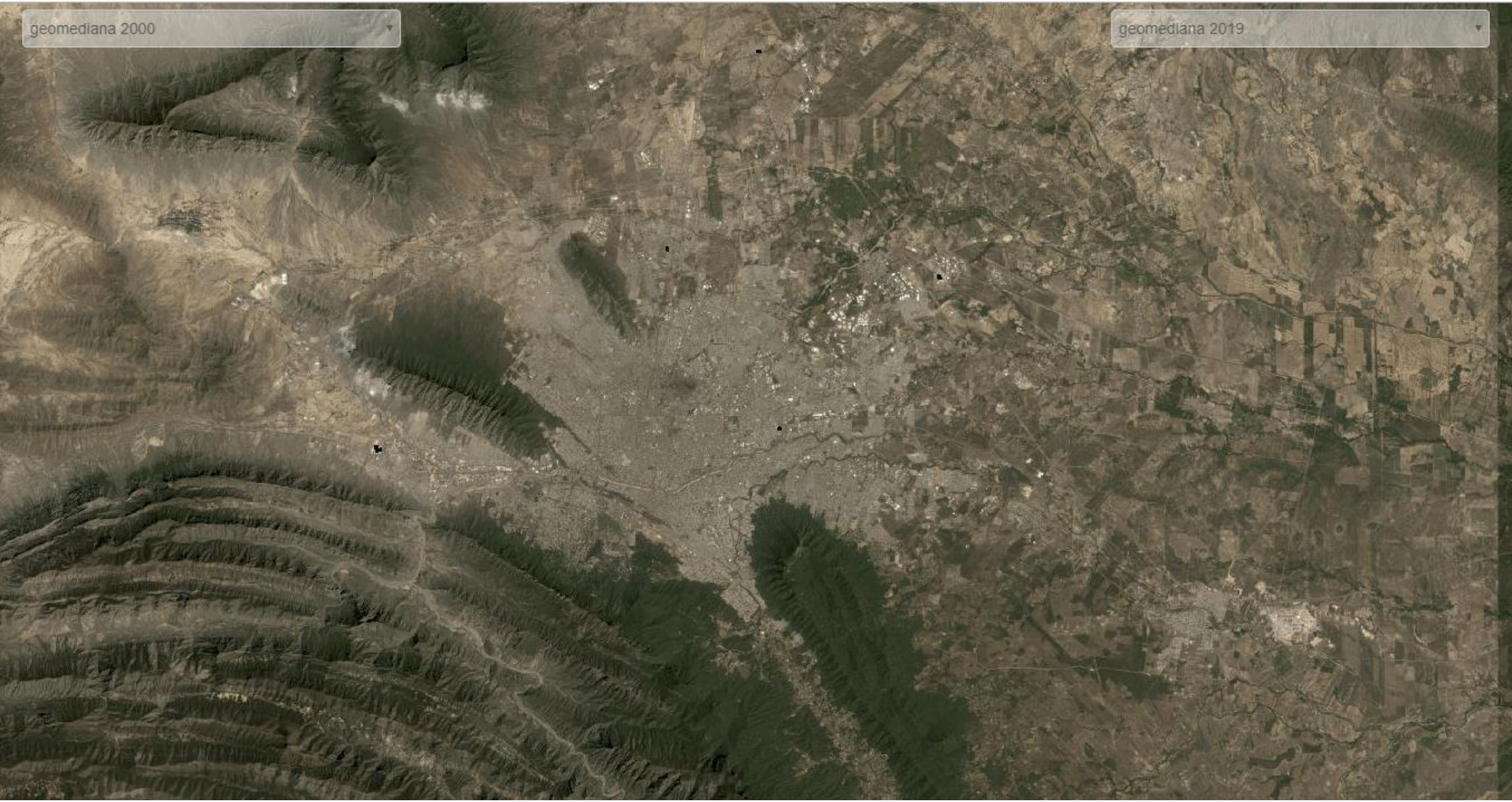
geomediana 2000
geomediana 2019

Initiatives

WGGI welcomes the IAEG-SDG commissioning work to be undertaken working group

We aim to use story telling documents to communicate, promote, and disseminate the work of the WGGI as widely as possible, so it can used to support the production of indicators.