

Global Geodetic Observing System



GGOS Coordinating Office Recent Achievements and Activities

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EGU 2020 – Sharing Geoscience Online #shareEGU20

GGOS Session G2.1 - Tuesday, 5 May 2020, 08:30–10:15 CEST (text-based live chat)



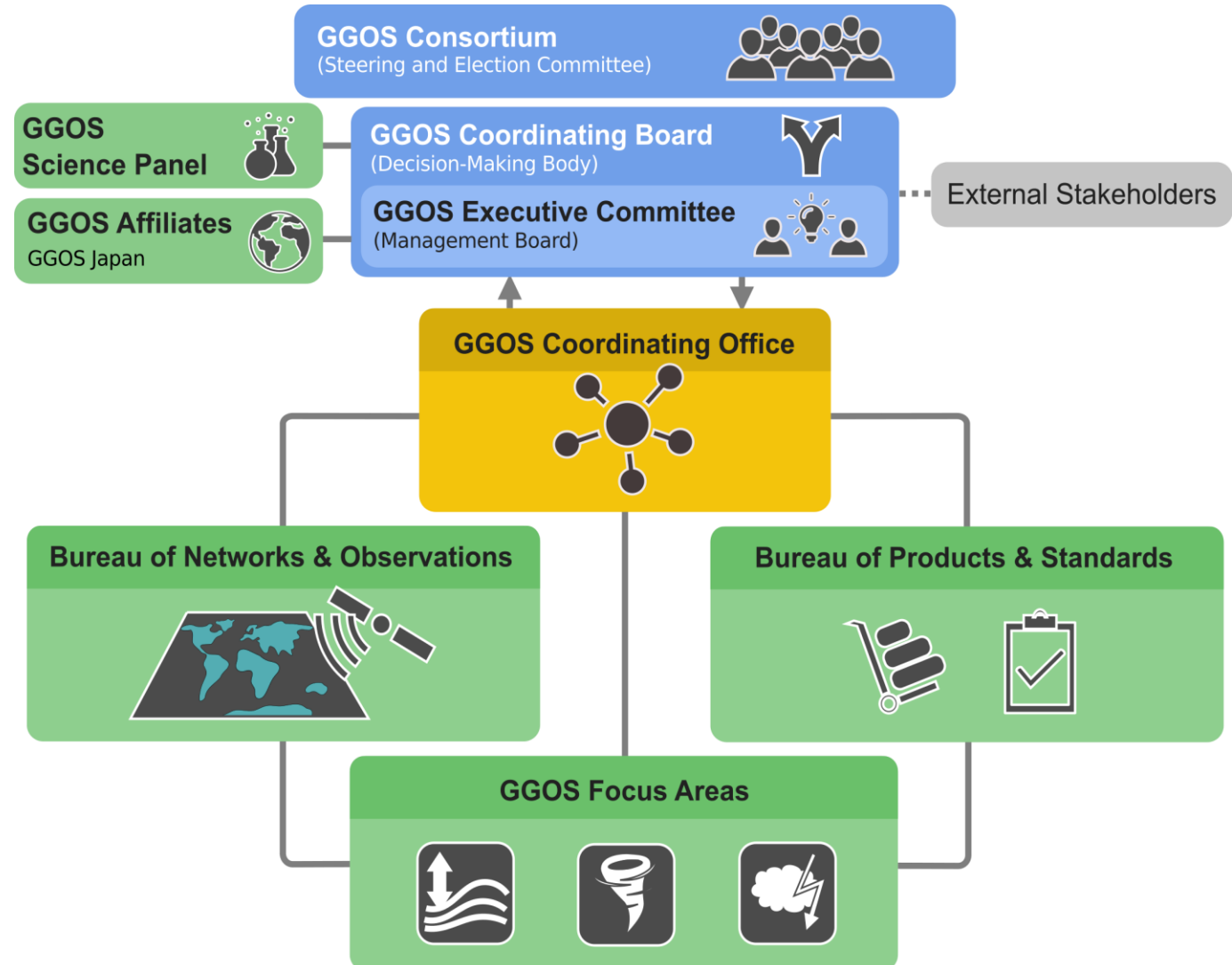
GGOS Coordinating Office - Tasks

Internal tasks:

- Supporting the **GGOS Managing Body**
- Coordination of **GGOS components** activities
- Maintain documentation of the GGOS activities
- Ensures information flow

External tasks:

- GGOS [Web](#) and [Social Media](#) presence
- Outreach and external management
- Event organization and supporting
- Enhance inter-[IAG-Services](#) coordination



Federal Office
of Metrology and
Surveying

The GGOS CO is based at the [BEV \(Austrian Federal Office of Metrology and Surveying\)](#) in Vienna since 2016.

Redesign of GGOS Website - www.ggos.org

Refreshing GGOS website to:

- **Optimize usability**
- **Enhance ease of navigation**
- **Highlight important tasks**

Content – Information source of:

- **GGOS in general**
- **Geodetic Data**
- **Geodetic Products**
- **Geodetic Services**



New design will be available soon...



www.ggos.org

Outreach and External Relations



On behalf of the GGOS community, the Coordinating Office manages external relations and engagement with stakeholder organizations, such as **International Science Council (ISC) World Data System (WDS)**, or...



GGOS represents the IAG on the **GEO (Group on Earth Observations) Programme Board**, serving on numerous working groups, including those pertaining to Disaster Risk Reduction and Open Data Policies.



The Committee on Earth Observation Satellites

GGOS also is a leader (together with IUGG) in the new **GEO Geodesy4Sendai** Community Activity



GGOS participates in the **CEOS Working Group** on Disasters, supporting the use of satellite geodesy for understanding disasters

GGOS members participate in the **UN GGIM Subcommittee on Geodesy** and its working groups on behalf of IAG or their country

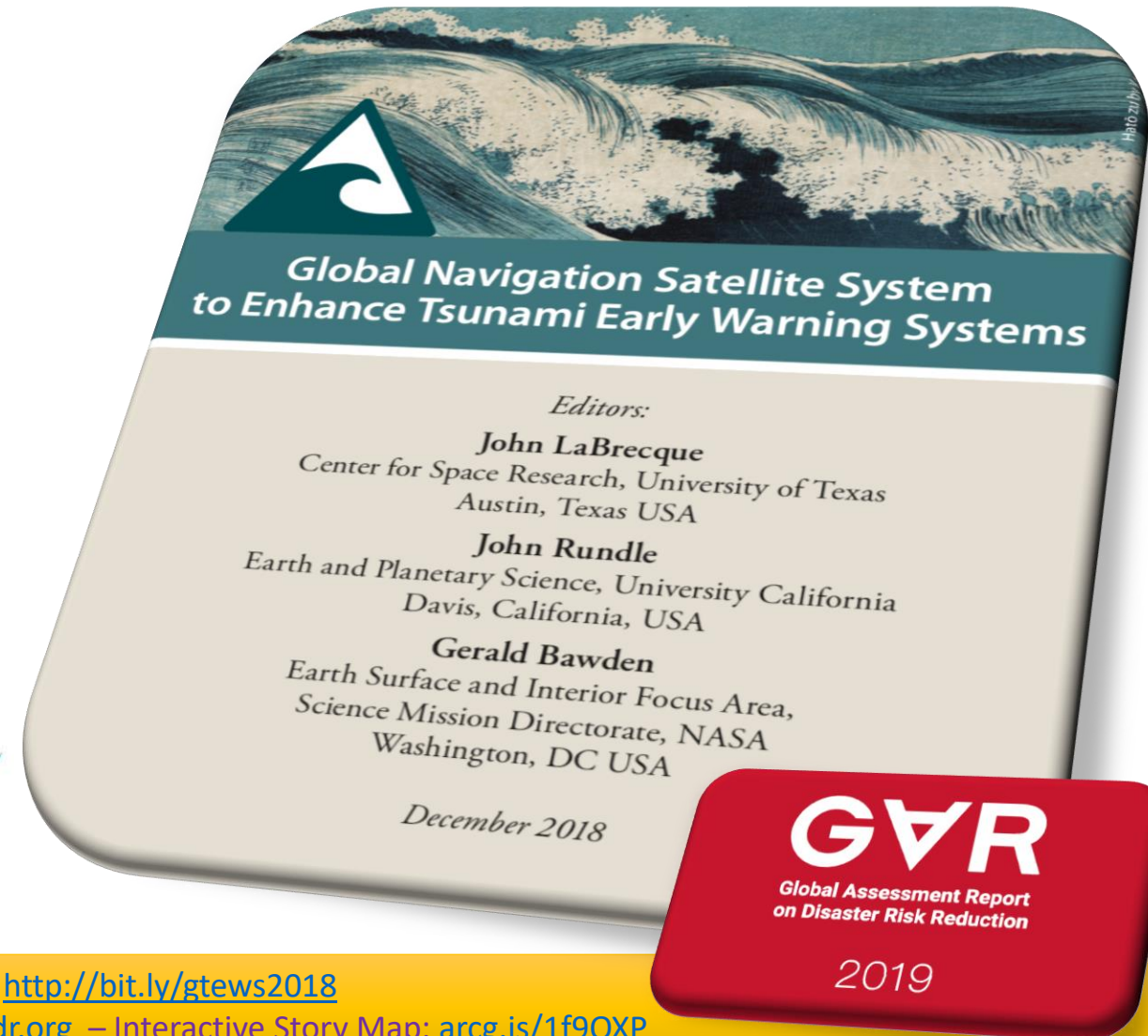


Connecting United Nations Initiatives with GGOS: GNSS Enhanced Tsunami Early Warning Systems



Geodetic observations have a clear role in helping to reduce the risk of disasters, as well as contribute to disaster preparedness with better mitigation and response.

GGOS-Geohazards Working Group successfully submitted content for the 2019 UN Global Assessment Report on Disaster Risk Reduction (GAR19), which is a **major UN report addressing disaster risk reduction that contributes to regional and global platforms for disaster risk reduction, as well as the high-level political forum on sustainable development**



Download GTEWS report: <http://bit.ly/gtews2018>

Global Assessment Report 2019: gar.unisdr.org – Interactive Story Map: arcr.is/1f9OXP

New International Effort Supporting GNSS Enhanced Early Warning Systems



Geodesy for the Sendai Framework Community Activity

**Supports
geodetic
development
and capacity building
for disaster risk
reduction and
resilience**

**Identifies geodetic
elements of targets
and indicators of the
Sendai Framework for
Disaster Risk
Reduction**

**Integrates with
UN Sustainable
Development Goals
and
World Bank
Integrated Geospatial
Information
Framework**

**Initiated
collaboratively by
GGOS and IUGG; new
members are
welcome!**

Working Group on “DOIs for Geodetic Data Sets”



- **Established in 2019** within GGOS Coordinating Office
- **More than 20 members** - affiliated with [IAG Services](#)

Aims:

- **Analyses of existing DOI solutions** of IAG Services
- **Identification of products and datasets** for which DOIs should be assigned



Definition of:

- **Guidelines** for DOI strategies
- **Best practices / use cases** for implementing DOI for products and data

For more information, please visit ... [Why do Geodetic Data need DOIs? First ideas of the GGOS DOI Working Group](#)

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