

An aerial photograph of a city, likely New York City, showing a dense urban landscape with numerous skyscrapers. A large, irregularly shaped area in the lower center of the image is highlighted in a bright yellow-green color, representing a park or green space. The rest of the city is shown in a muted, greyish tone.

GEO Programme Board
Urban Resilience Subgroup
(UR-SG)

Urban Resilience Engagement Priority



2016



2020

Urban Resilience
Subgroup (UR-SG)

GEO GROUP ON
EARTH OBSERVATIONS

- ❖ In **2016**, “**Urban resilience and human settlements**” was one of five proposed candidate engagement priorities for GEO.
- ❖ ExCom decided that GEO should **initially focus on three engagement priorities, namely, climate change, disaster risk reduction, and sustainable development**, in line with the three major international conferences held on those three topics in 2015.
- ❖ The principal concern for urban resilience was that it **lacked a clear policy mandate**. While the **New Urban Agenda (NUA)** had been just adopted a month earlier, it was **not widely known within the GEO community** at the time.
- ❖ The GEO leadership also believed at the time that the **GEO Work Programme was better positioned to support the three priorities** that were selected.

2016



2020

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 **GROUP ON
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UR-SG believes that there has been **considerable advancement of GEO efforts** on this topic since then, and **substantial progress achieved in building a strong relationship with United Nations Human Settlements Programme (UN-Habitat)**

1. The status of the **NUA as the key policy driver** in the area of urban resilience and sustainable urbanisation;
2. **Recognition by UN-Habitat of the value of EO** and of GEO's ability to provide valuable tools and services to support UN Member States;
3. Increased attention to **urban topics within the GEO WP**;
4. Efforts within the PB to **increase coordination** among urban-related activities;
5. Growing **engagement with GEO of international organizations** focused on urban issues; and
6. **Benefits to the GEO community and to GEO Members** through the incorporation of climate change, disaster risk reduction and sustainable development considerations in urban-related activities.

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Formally adopted by the **167 countries** attending the **United Nations Conference on Housing and Sustainable Urban Development (Habitat III)** in Quito, Ecuador on **20 October 2016**.

It was later endorsed by the **United Nations General Assembly** on **23 December 2016**.

NOUVEAU
PROGRAMME
POUR LES
VILLES



الخطة
الحضرية
الجديدة



NEW
URBAN
AGENDA



НОВАЯ
ПРОГРАММА
РАЗВИТИЯ
ГОРОДОВ



新城市议程



NUEVA
AGENDA
URBANA



- ❑ Sets the **frame for** essential actions on how **national, regional, and local governments**, as well as civil society organisations and professional associations, to promote urban well-being;
- ❑ Lays out **standards and principles along five main pillars** of implementation: national urban policies, urban legislation and regulations, urban planning and design, local economy and municipal finance, and local implementation;
- ❑ **Already endorsed, referenced and used** by a variety of organizations **worldwide**.



THE NEW URBAN AGENDA

Urban Resilience
Subgroup (UR-SG)

 **GROUP ON
EARTH OBSERVATIONS**

- ✓ Cities are where most changes are happening
- ✓ Cities are where most opportunities lie
- ✓ Cities are most relevant for all three engagement priorities



should be there!

Data Integration and Analysis System (DIAS)

in & out

Urban Resilience Subgroup (UR-SG)



Climate Change Impacts on World Heritage Cities



Human Planet Initiative (HPI)



GEO Vision for Energy (GEO-VENER)



EO4SDG

Global Observation System for Persistent Organic Pollutants (GOS4POPs)



Global Urban Observation and Information (GUOI)



Global Observation of Deltas and Estuaries

Night-time Light Remote Sensing for Sustainability

9TH WORLD URBAN FORUM IN KUALA LUMPUR | 7TH TO 13TH FEBRUARY 2018



Benefits 1/2

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- ✓ **Sharing and learning good practices** for urban EO from other GEO Members and Participating Organizations;
- ✓ **Understanding the needs and requirements of cities** in various regions and how to adapt strategies and products to support them;
- ✓ Developing methods to **improve national reporting** under the New Urban Agenda and also to improve reporting at the city level;
- ✓ **Leveraging the strengths of private sector** organizations in expanding the potential for Earth observation-based solutions;
- ✓ Learning about and receiving funding from **new resource mobilisation** opportunities;
- ✓ Integrating **nature-based solutions** that can directly address and contribute to increased urban resilience;

Benefits 2/2

Urban Resilience
Subgroup (UR-SG)



- ✓ **Improving urban decisions** regarding a. planning e.g. informal dwellings, greening of cities (or converse) and transport b. monitoring e.g. air quality c. operational preparedness .e.g. transport, flooding, and emergency response;
- ✓ Informing **GEO Member policy priorities** and research programmes; and
- ✓ Enabling activities that were previously not possible and in a cost-effective manner; **generating value** particularly in developing countries in conjunction with traditional methods or where those do not exist, also for society and industry.

urban resilience



sustainable urbanization

THANK YOU!
Let's discuss now!