

Statistical-Geospatial Integration in support of the 2030 Agenda for Sustainable Development and the 2020 Round of Population and Housing Censuses

What is happening in Asia and the Pacific?



Contents

Population and Housing Censuses

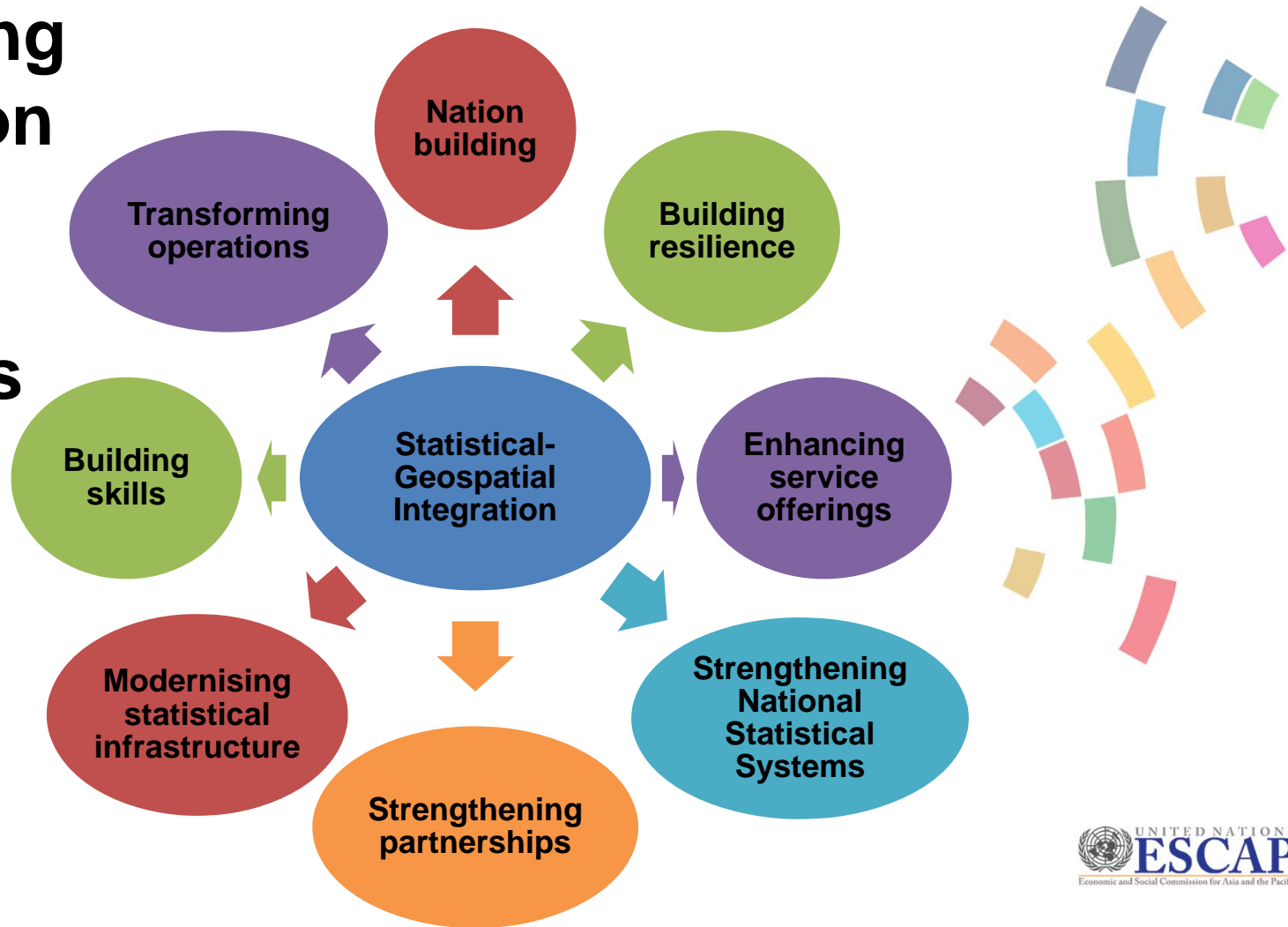
Agenda 2030

- Consensus building
- Capacity development



Supporting Population and Housing Censuses

Many known uses for Censuses



Build (GIS) skills

Transforming operations

II. Use of geospatial technology during enumeration (pp. 78-84)

Updating of EA maps...

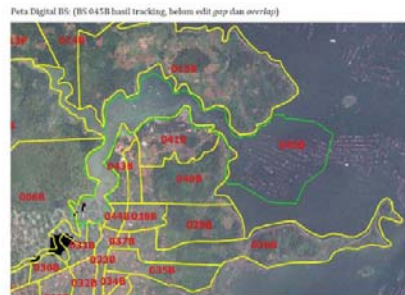
Results

1. Solution → Create a digital map for the CB

Indepth study activities in this region use GPS to perform the tracking process to create digital Census Block 045B map border.

The green line is the result of tracking using GPS to digital Census Block 045B border

Indonesia



STATISTICS INDONESIA



Republic of the Philippines
Philippine Statistics Authority

2020 CPH

To fully utilize the application of GIS Technology in preparation for the modernization of the PSA 2020 Census workflows, the PSA developed a 5-year rolling program (from 2016 to 2020) to update and enhance GIS-based digitized census maps for the entire country.



Build (website) skills

Enhance service offering



Search

Statistics

Census

Complete your survey

About us

Data by Region

Data by Region provides you ease of access to statistics from the ABS and other sources on a particular geographical region. Use the tools to browse, search or explore by map to find statistics about different regions in Australia.

Browse Region

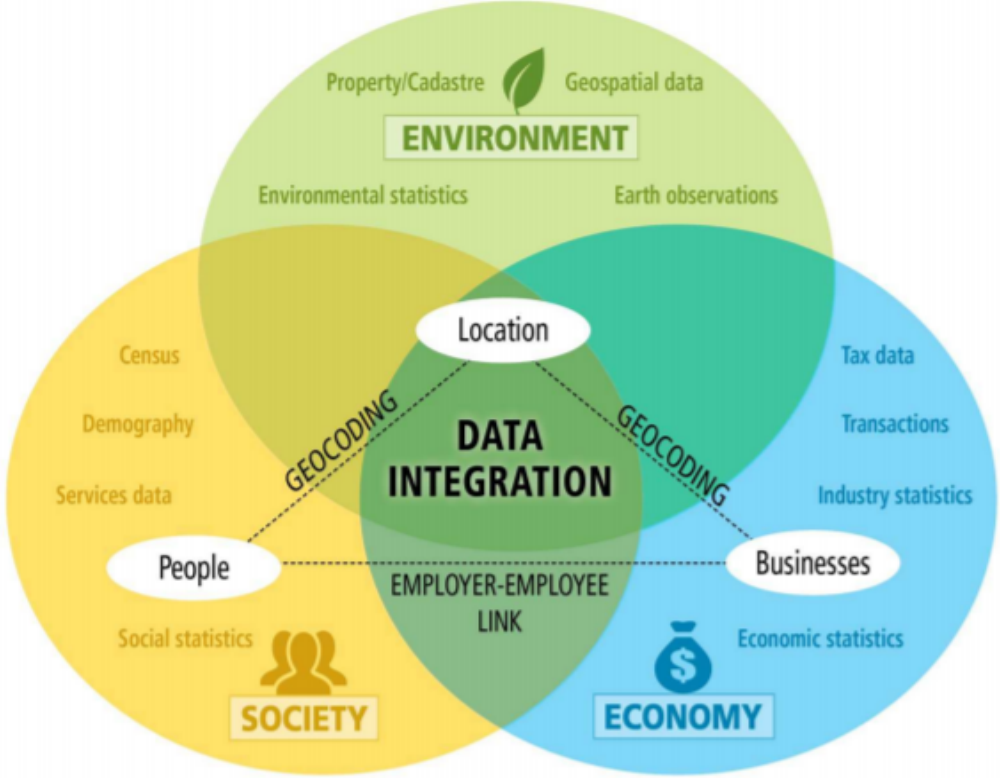
- [Australia - View data](#)
- [Main Statistical Area Structure](#)
- [Local Government Areas](#)
- [Greater Capital City Statistical Areas](#)

Search or Explore by Map

Or Show my current location



Enhance service offering



Supporting the SDGs



Supporting the SDGs

Consensus building

- 3rd Ministerial Conference on Space Applications for Sustainable Development in Asia and the Pacific
 - Ministerial Declaration on space applications for sustainable development in Asia and the Pacific
 - Asia-Pacific Plan of Action on Space Applications for Sustainable Development (2018-2030)
- 6th Session of the ESCAP Committee on Statistics
 - Declaration on Navigating Policy with Data to Leave No One Behind



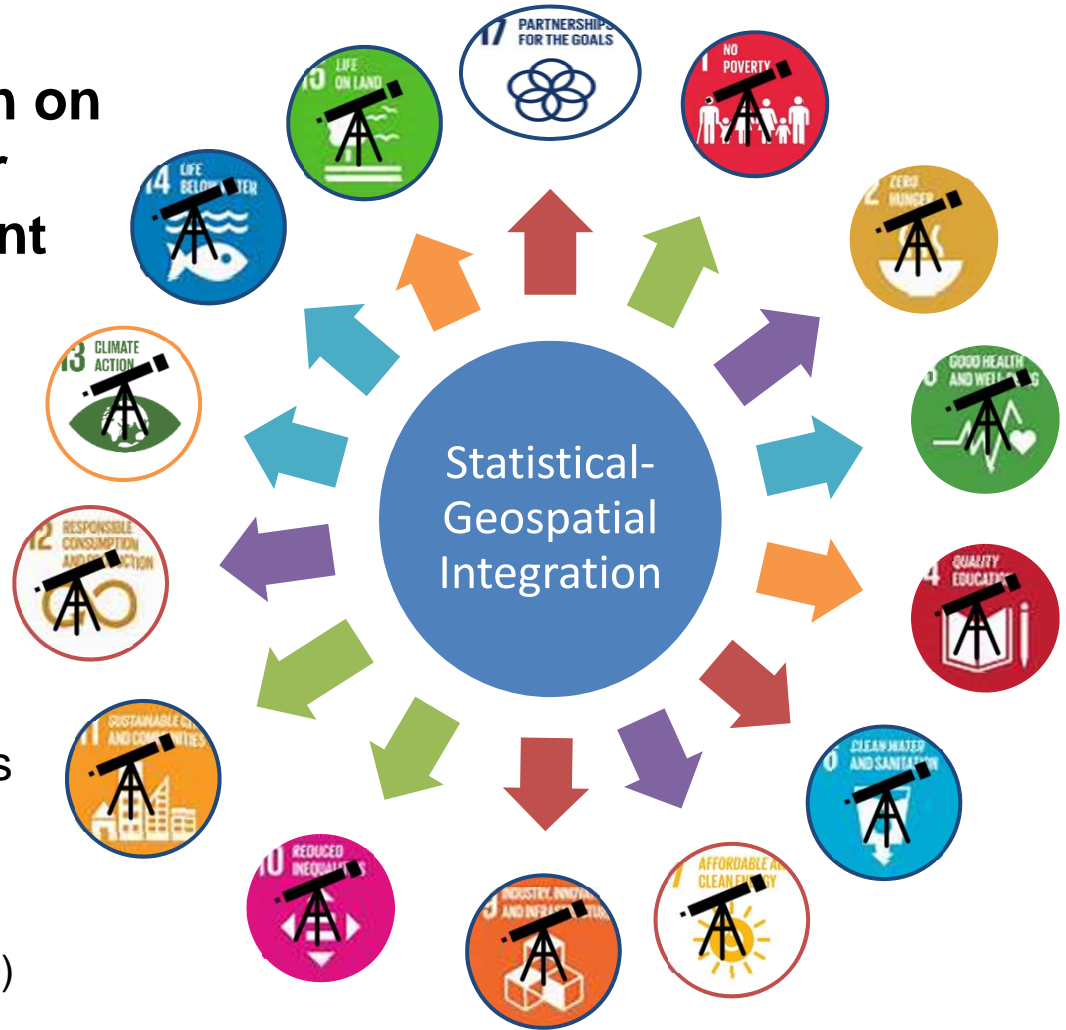
Asia-Pacific plan of action on space applications for sustainable development (2018–2030)

- A regionally-coordinated blueprint that harnesses space and geospatial applications, as well as digital innovations to support countries, particularly those with special needs, to achieve the 2030 Agenda.
- It highlights the importance for all States to continue to promote and actively contribute to strengthening international cooperation in the peaceful use of outer space. It also reflects the regional common voice on how space and geospatial applications can contribute to the realization of the SDGs.



Asia-Pacific Plan of Action on Space Applications for Sustainable Development (2018-2030)

- 13 SDG **Goals** where space applications can significantly contribute
- 33 SDG **Targets** prioritized by the Asia-Pacific space community in six thematic areas
 - NRM (19); Connectivity (6); Social Development (3); Disaster Risk Reduction and Resilience (3); Energy (1) and Climate Change (1)



Navigating Policy with Data to Leave No One Behind

- Sets in motion transformative processes to enable national statistical systems to produce high quality, timely, reliable and disaggregated statistics to close data gaps for delivering on national and global development commitments.
- Countries made nine commitments including
 - Endeavouring to strengthen necessary legislative provisions and institutional mechanisms to enable national statistical systems to take full advantage of **new, innovative and frontier technologies**, to follow national and, where appropriate, international standards of data exchange and to **build partnerships with all stakeholders for data sharing**, while respecting the Fundamental Principles of Official Statistics

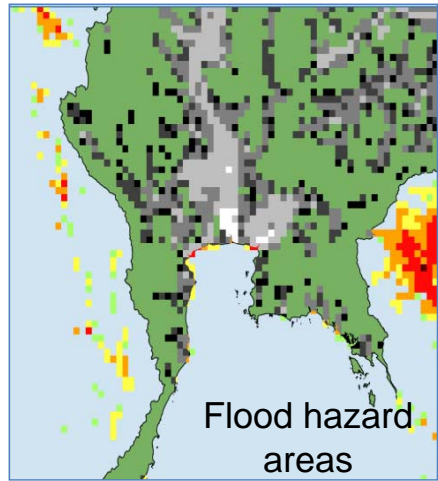
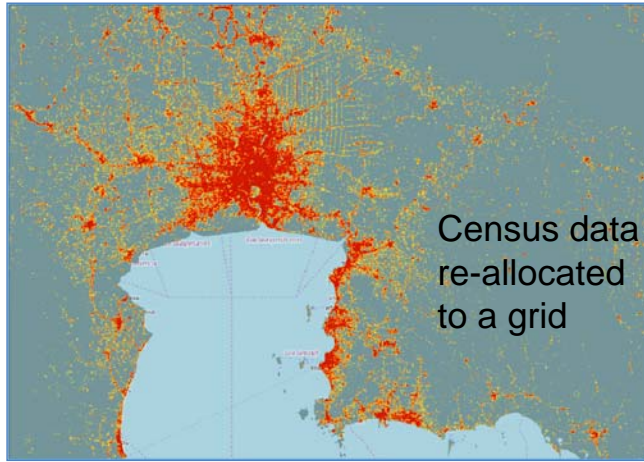


Supporting the SDGs

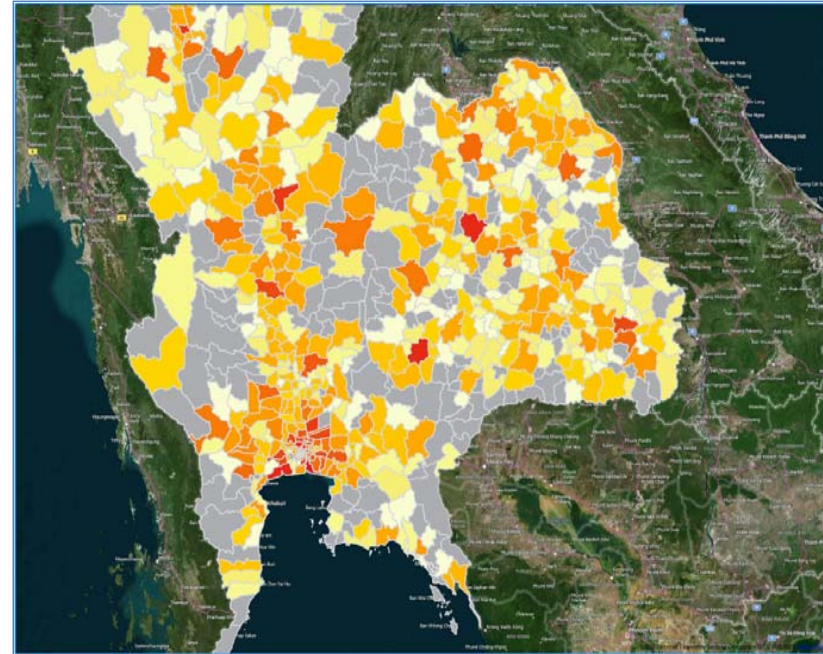
Capacity building

- Support pilot studies to advance methods, build capacities and promote greater use of alternative data sources for official statistics





Population estimates in flood hazard areas, re-aggregated by district - Thailand Pilot

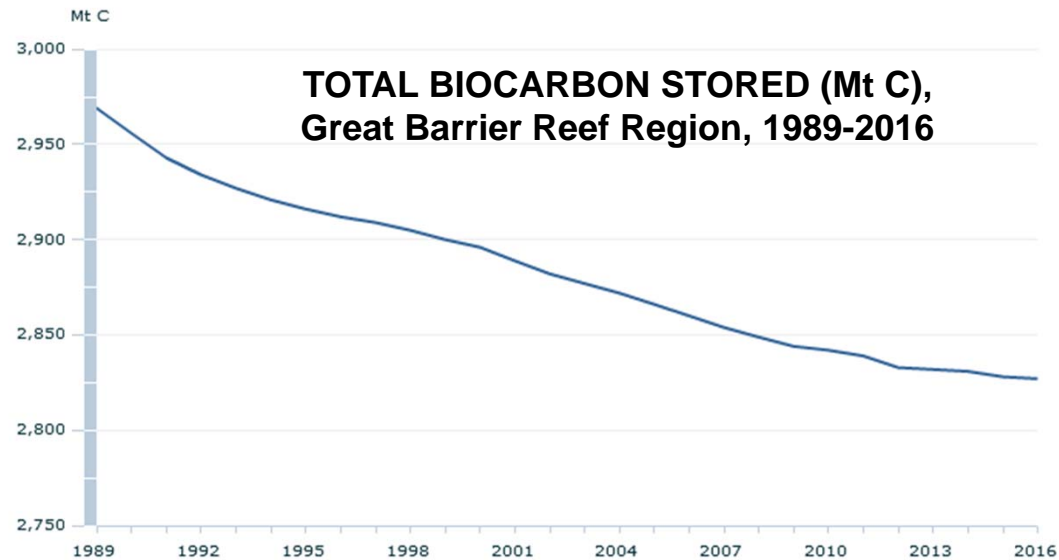
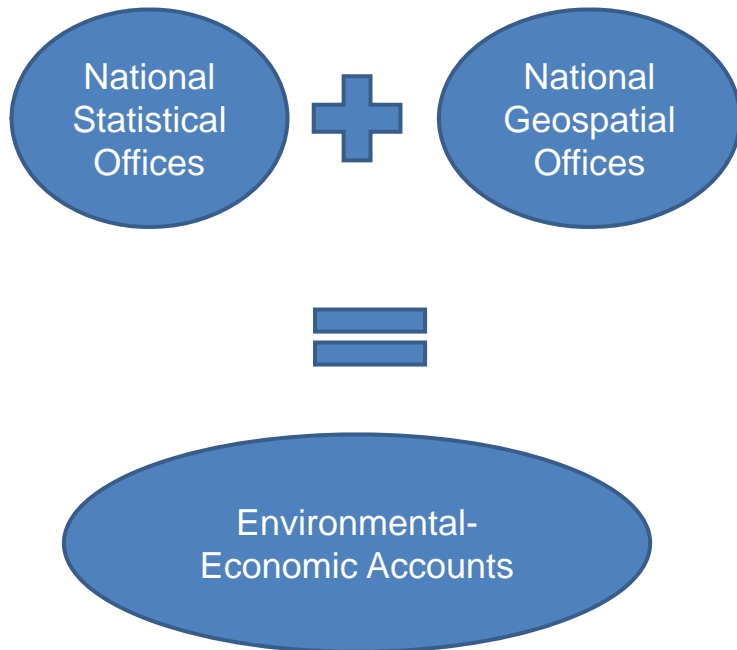


Building Institutional Capacity to integrate statistical and geospatial information – the case of Land Accounts **(proposal under development)**



Australian Government

Department of the Environment and Energy



There is another major global agreement which will benefit from statistical-geospatial integration

Sendai Framework for Disaster Risk Reduction (2015-2030)

The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries



Thanks.... 😊

