

UNWGIC 2022

ETHICS IN THE USE
OF **GEOSPATIAL INFORMATION**
IN THE AMERICAS

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ETHICS IN THE USE OF **GEOSPATIAL INFORMATION IN THE AMERICAS**

- 1** Ethics in the use of geospatial information
- 2** Current State in UN-GGIM: Americas Countries
- 3** International Initiatives
- 4** Use Cases in Mexico

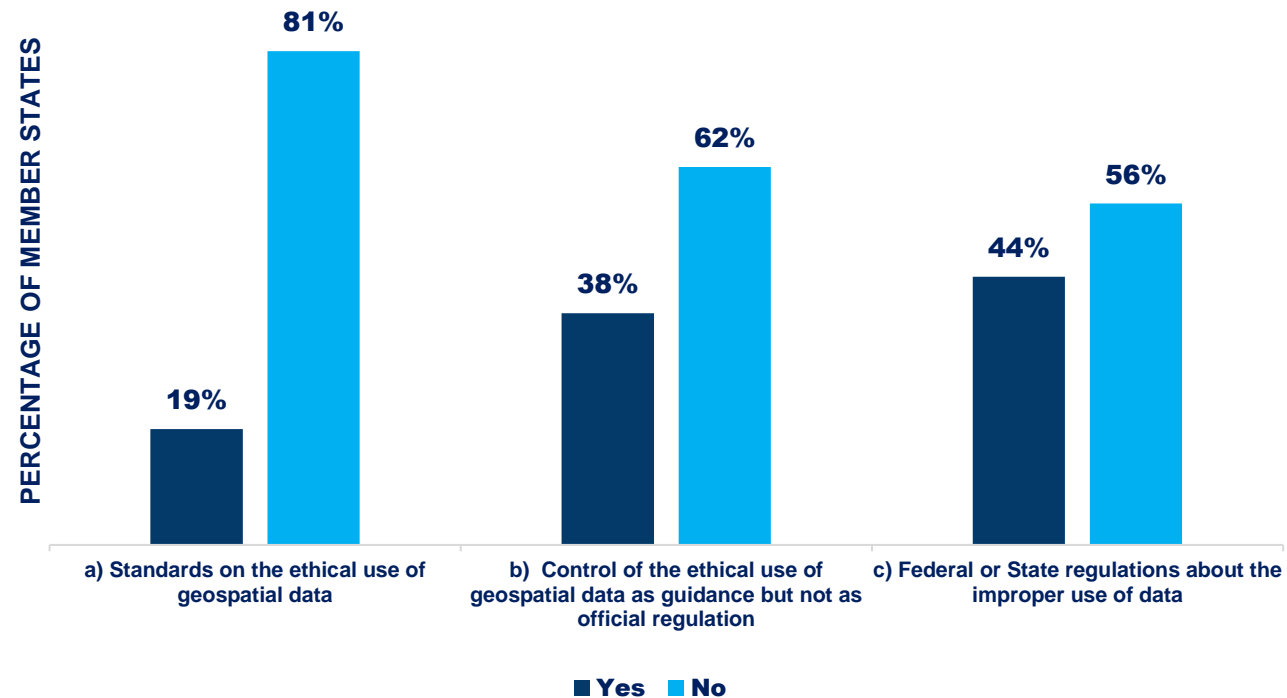
1. ETHICS IN THE USE OF GEOSPATIAL INFORMATION



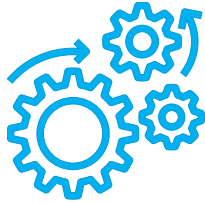
2. CURRENT STATE IN UN-GGIM: AMERICAS COUNTRIES

Survey on ethical use of geographic data in UN-GGIM: Americas Countries

Percentages of respondents according to the condition in their country in relation to:



2. CURRENT STATE IN UN-GGIM: AMERICAS COUNTRIES



PROCEDURES

- **Regulations of production, distribution, and use**
- Data documentation
- Regulation of data quality
- **Data standardization**
- Validation, formalization and evaluation of data



PRINCIPLES

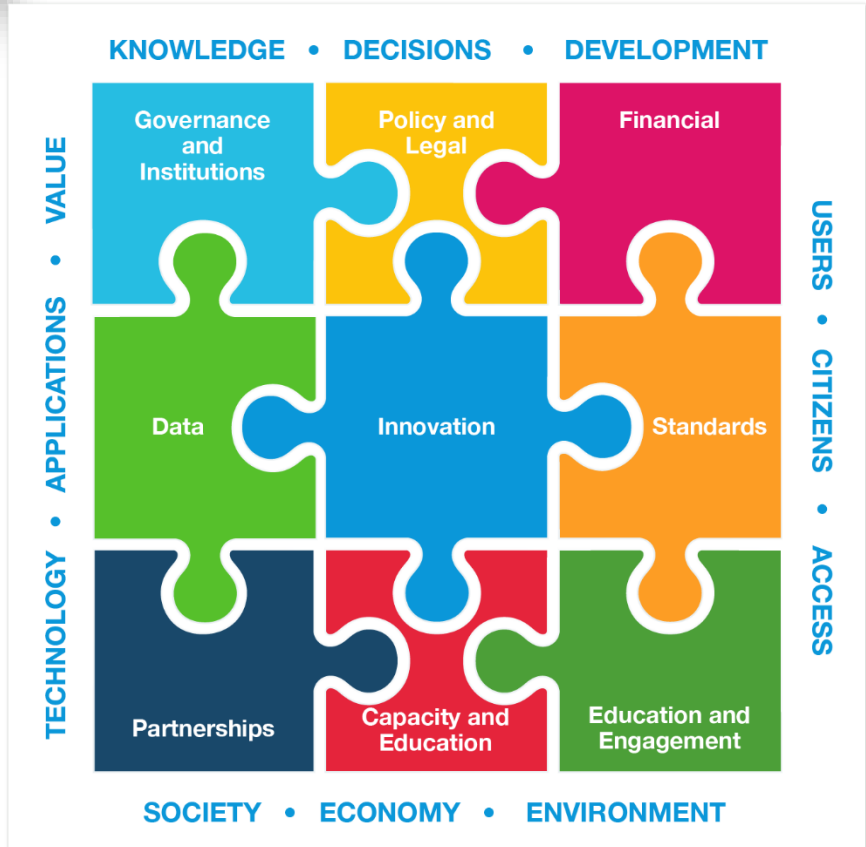
- **Transparency**
- **Timeliness**
- **Integrity**
- **Quality**
- **Confidentiality**



DAMAGES

- **Delegitimization**
- **Unreliable data**
- **Poor data quality**
- **Mishandling of data**
- **Use for illicit activities**

3. INTERNATIONAL INITIATIVES



“Having access to the right data and at the right time is crucial to good decision making. It is data that provides new levels of insight into our past, present and future. For this reason, governments, businesses and the community need to know they are using the most accurate and authoritative data for planning, analysis, navigation and visualization: good data underpins good decisions.”

UN-GGIM Integrated Geospatial Information Framework

3. INTERNATIONAL INITIATIVES

Founding Principles

- 1 Realize opportunities
- 2 Understand impacts
- 3 Do no harm
- 4 Protect the vulnerable
- 5 Address bias
- 6 Minimize intrusion
- 7 Minimize data
- 8 Protect privacy
- 9 Prevent identification of individuals
- 10 Provide accountability



 BENCHMARK

Raising Standards for
Location Integrity

 EthicalGEO

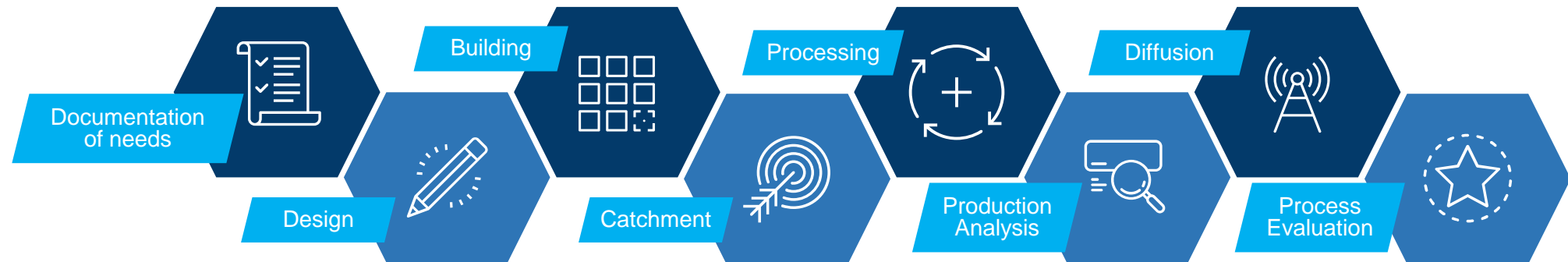
4. USE CASES IN MEXICO: SECURITY AND STATISTICAL CONFIDENTIALITY OF INFORMATION

Regulatory Framework

- 1 Information Security Policy
- 2 Information Security Guidelines

Preserve information security

Production



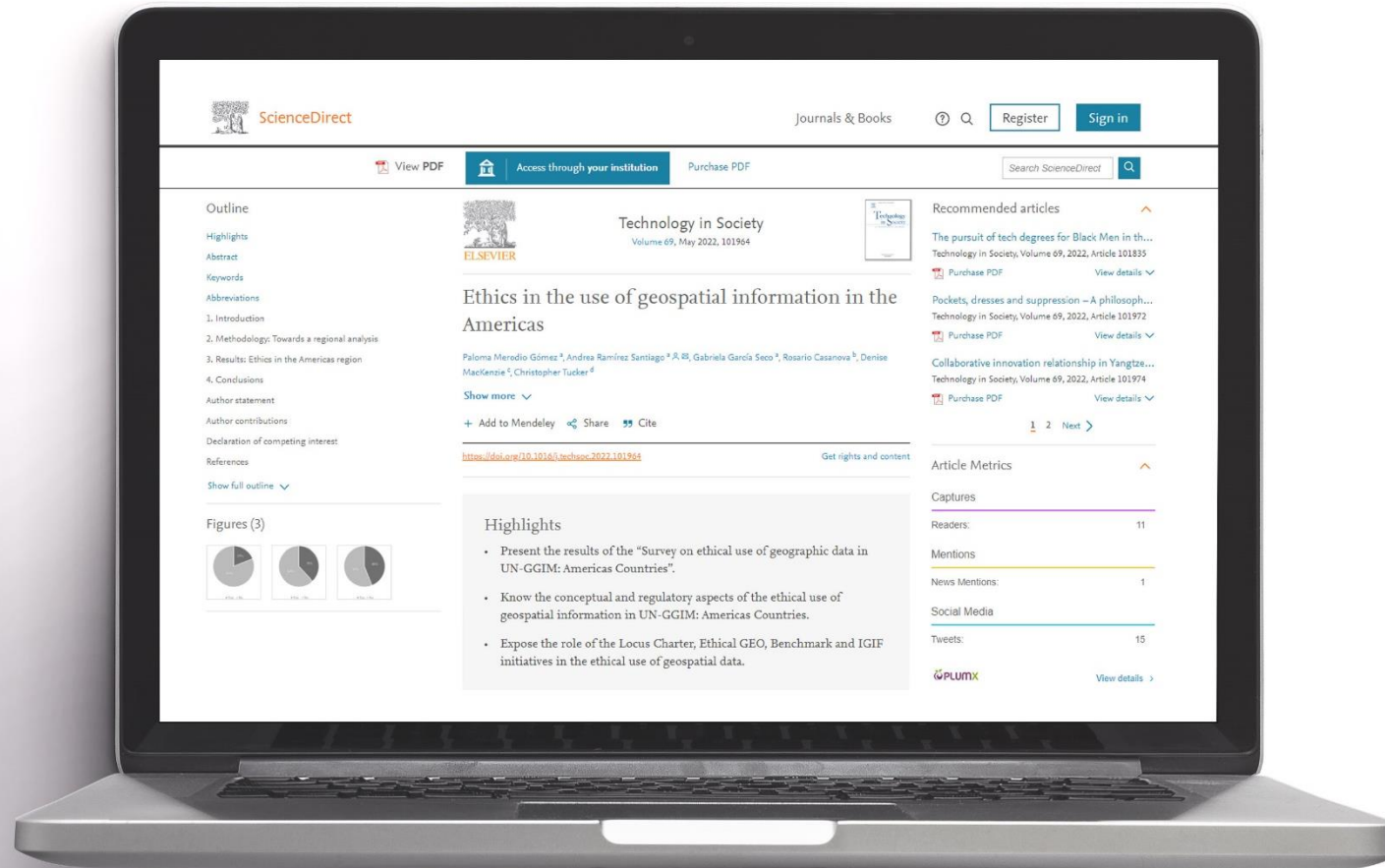
Preserve the confidentiality of the data provided by informants

- 3 Policy for the Management of Confidentiality in Statistical and Geographic Information

4. USE CASES IN MEXICO: INFORMATION PROGRAMS



RECENT PUBLICATION





THANK YOU

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