INTEGRATION OF GEOSPATIAL STATISTICAL OR OTHER DATA FOR FACILITATE SDG INDICATORS

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MAIN DIRECTIONS OF WORK

- Analysis of available geographic data.
- Ensuring the integration of all types of geospatial data into databases, preparing geo-analysis.
- Preparation of geospatial and other data for publication on WEB.

Analysis of available geographic data

Coverage with vector data and attributes for the census and subsequent tasks.

Main layers:
- Regional borders
- Municipal borders
- Borders of counties
- Land plots
- Building
- Roads
- Topographic elements (Rivers, Canals, forests, etc.)
Analysis of available geographic data

- Orthophoto index
- Digital coverage
- Legend:
  - region
  - municipality
  - Digital coverage
  - Orthophoto index

Updating the database

Geospatial Data
- Roads
- Building
- Parcel
- Topo-layer (rivers, forests, ponds, etc.)
- Relief

Vector data
- Single database
- Tables (Text Data)

Data Processing in ArcGIS
Data Integration and Geo analysis

Data collection

Analysis and visualization

Preparation of geographic data for publication on WEB

Population grid, 1 sq km
Preparation of geographic data for publication on WEB

Religion

[Map of Georgia showing religious distribution]

Preparation of geographic data for publication on WEB

Indicator

[Map of Georgia with various indicators such as population, language, etc.]

Geography
Preparation of geographic data for publication on WEB

Positive sides of GIS

The positive side of using GIS and geospatial data: Correct analysis and easy work planning, facilitation and proper distribution of work, good visualization and correct perception of the informational scale, the ability to identify problems and solve them, introduce new technologies, develop and improve the skills of working personnel, detailed information that makes it possible to have good analysis, proper control during field work......
Thank you for your attention!

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