UN World Data Forum (UNWDF) Webinar Series
2020 Round of Population and Housing Census:
The use of new technologies to improve accuracy, coverage, and timeliness

Use of GIS tools to support census operations and dissemination of results

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Use of GIS in Census Operations
Begins in planning and extends throughout GSBPM cycle

- Creation of GeoDatabase
- In office address canvassing
- Creating efficient enumeration areas (EAs)
- Response outreach
- Optimizing site placement of field offices
- Optimizing capital and asset distribution
- Optimizing workforce and routes
- Integration of administrative and big data
- Operational dashboards
- Mobile map packages
GIS in Field Operations Location-Enabling All Aspects of Field Work

- Tracking
- Offline Workflows
- Preplanned Routes

Location Tracking

Navigation

Data Capture

Maps & Mark Up

Planning and Management
GIS and Dissemination
Dynamic and Data-driven Smart Maps

- Geographic aggregation of data
- Information products including maps, reports, atlases, and interactive websites
- Marketing of geographic census products
- Outreach and education
- SDGs – measure, monitor and report

Statistical Yearbook
SDG Reporting

Applications
Maps for Policy Makers
Story Maps
Predominance Mapping
Graduated Symbols
Dynamic Clustering
Multivariate

SDG Reporting
Thank you!

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