INTERNATIONAL ORGANIZATION FOR MIGRATION

GEOSPATIAL DATA

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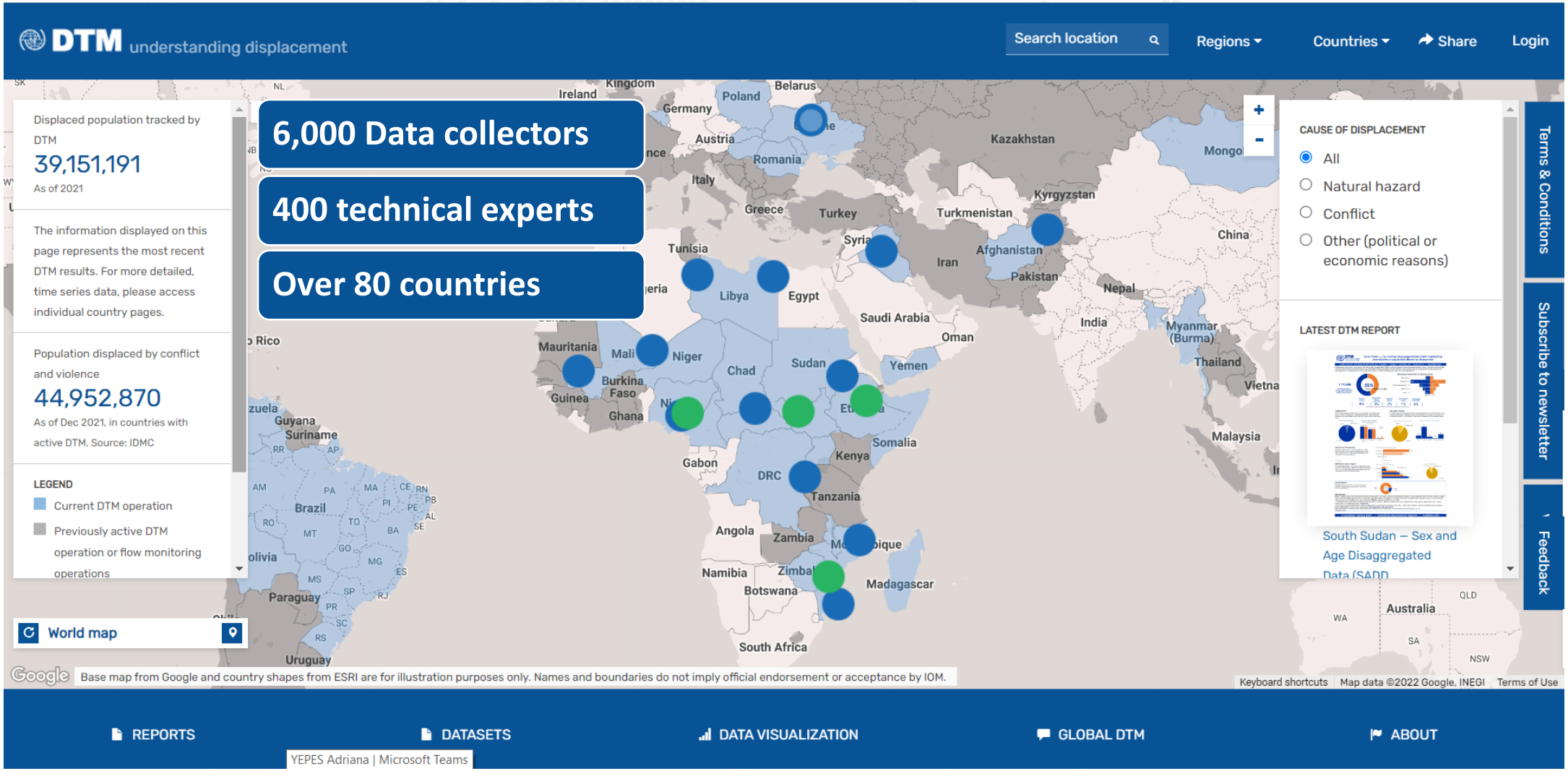
IOM
UN MIGRATION

Geospatial Data in IOM

Geospatial Data is completely linked to the field of migration and internal displacement, which are entirely location-based. For this reason, the Global Data Institute (GDI) of the International Organization for Migration (IOM) is a permanent producer and consumer of geospatial data and services to systematically collect, manage, analyze, and disseminate geospatial information on mobility patterns across the globe.

GLOBAL Displacement Data Portal

Displacement.iom.int



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GLOBAL Missing Migrants Project

MissingMigrants.iom.int

24,371

MISSING MIGRANTS

RECORDED IN MEDITERRANEAN (SINCE 2014)

- Open-access global database documenting deaths & disappearances during migration.
- Data inform SDG Indicator 10.7.3 and GCM Objective 8.
- Data analysis and thematic awareness-raising in briefings and reports.

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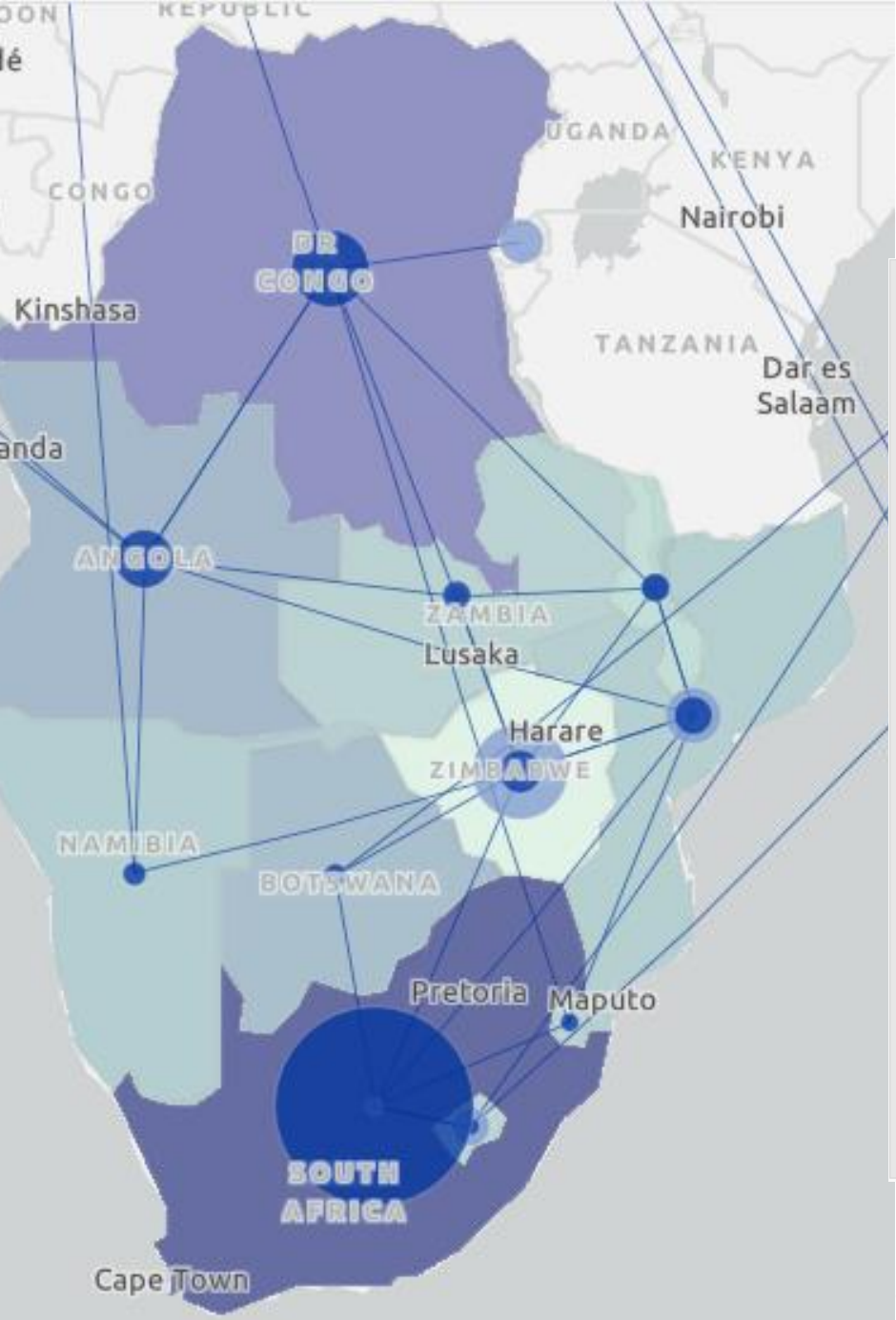
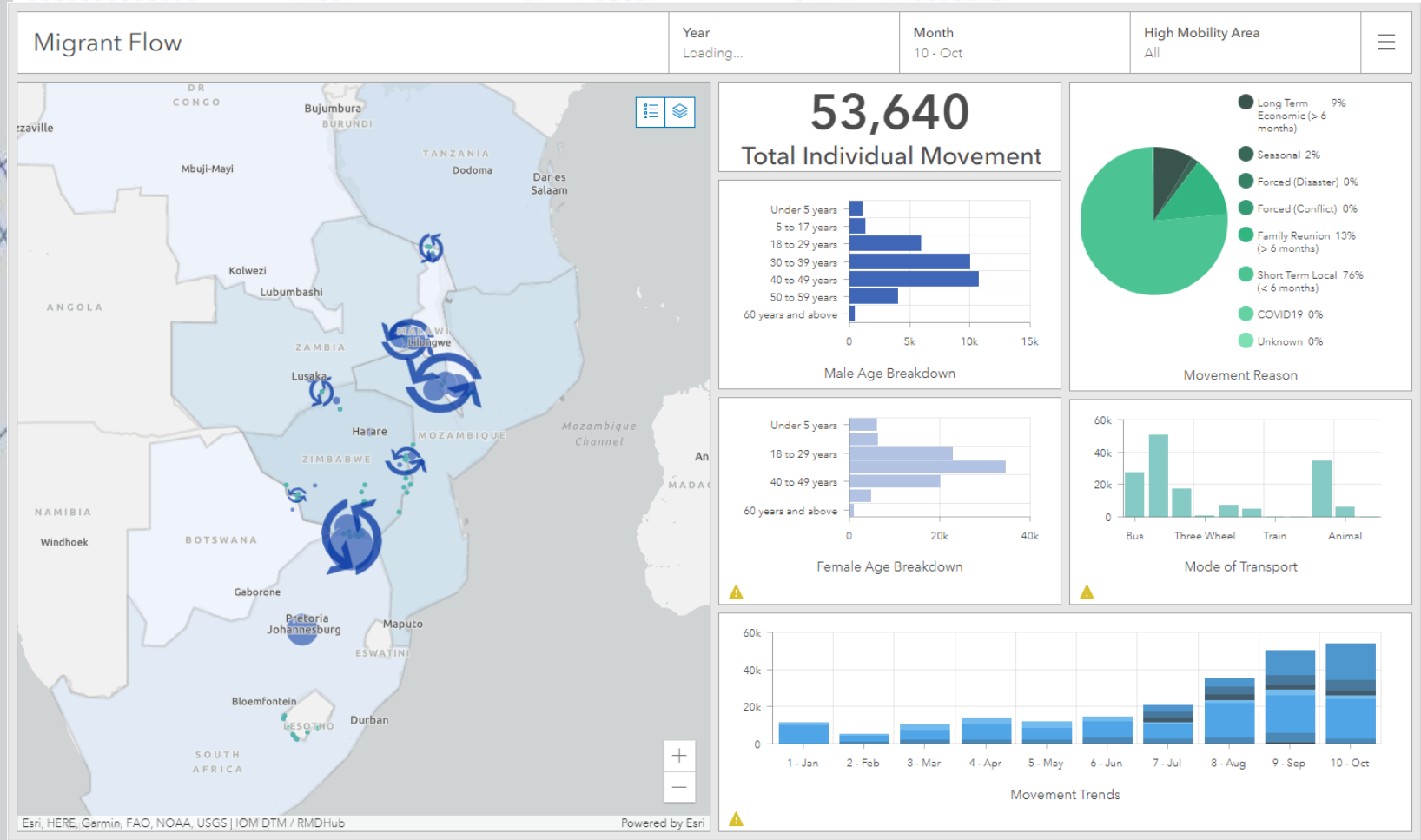


REGIONAL Migration Data Hub for Southern Africa



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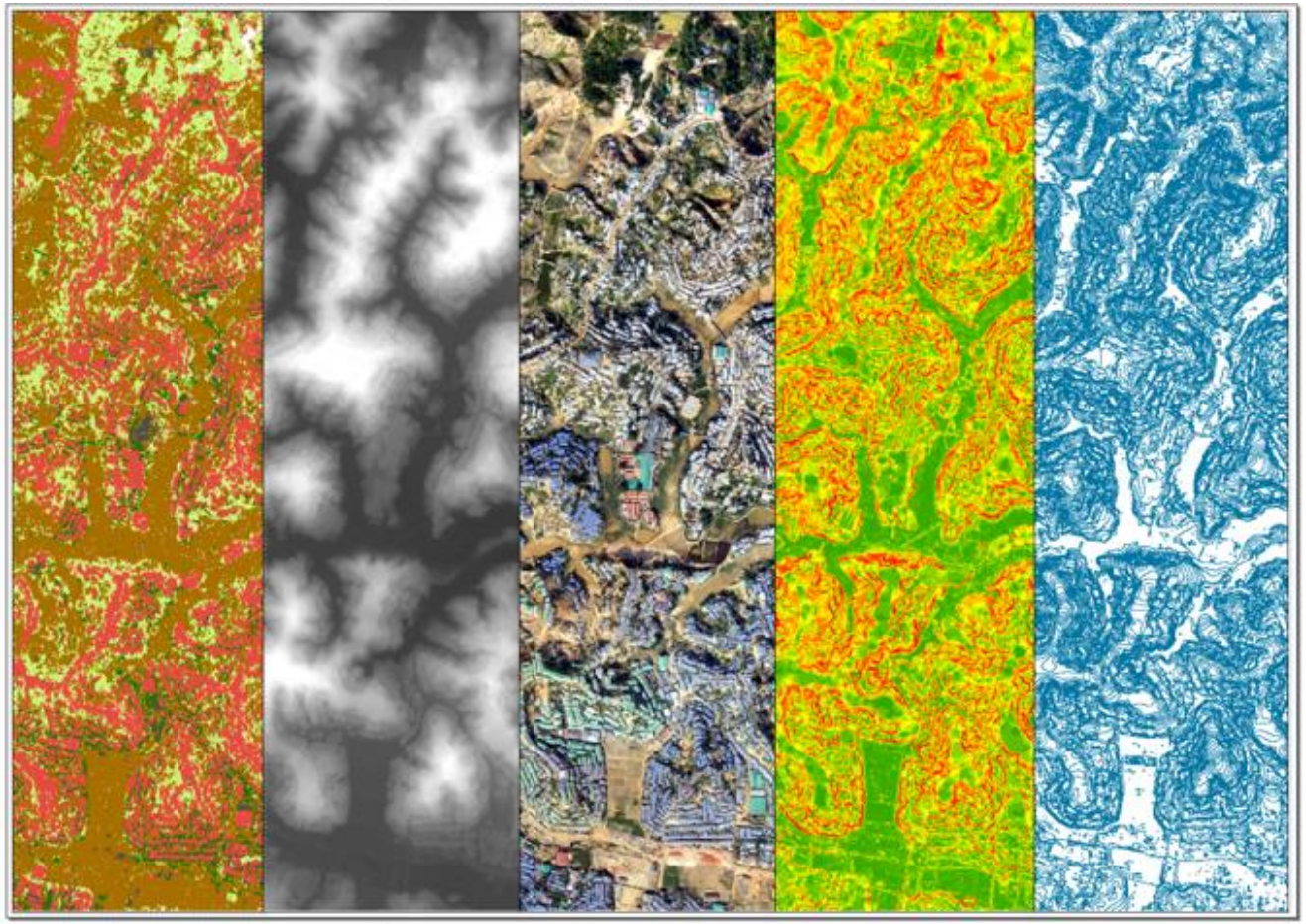
COUNTRY Rohingya Humanitarian Crisis Response



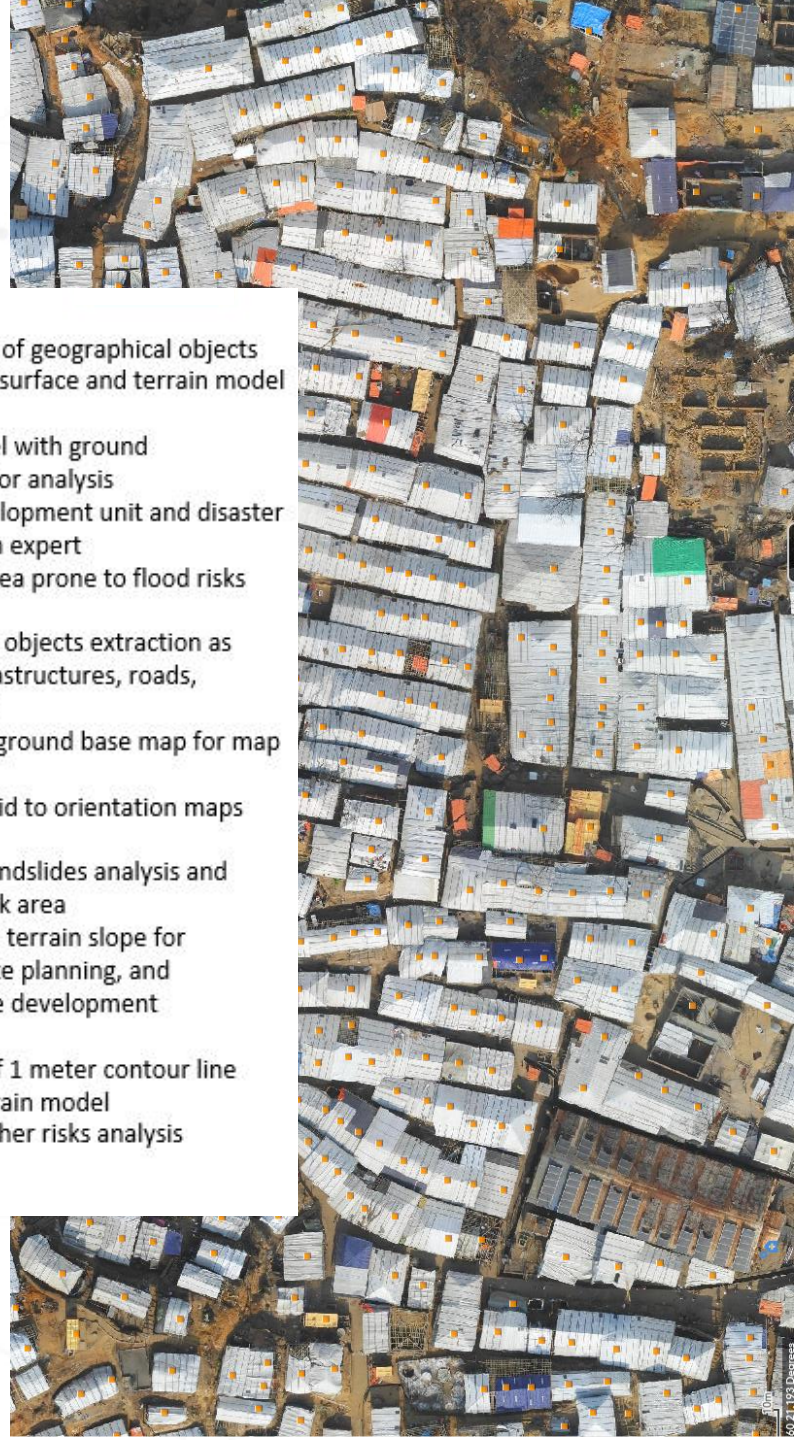
01 - Point cloud:
- Classification of geographical objects
- Extraction of surface and terrain model

02 - Terrain model:
- Terrain model with ground information for analysis
- For site development unit and disaster risk reduction expert
- Analysis of area prone to flood risks

03 - Drone imagery:
- Geographical objects extraction as shelters, infrastructures, roads, waterbodies
- Used as background base map for map products
- Layers overlaid to orientation maps

04 - Slopes:
- For risks of landslides analysis and shelters in risk area
- Analyzing the terrain slope for hydrology, site planning, and infrastructure development

05 - Contour lines:
- Calculation of 1 meter contour line based on terrain model
- Layer for further risks analysis



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Linkages with the UN Geospatial Situation Room

- Enhance the availability and use of geospatial data to achieve positive impacts for migrants and societies.
- Strengthen the evidence base geospatial data on migration and displacement globally.
- Provide live feed of migration trends and other relevant data into the UN Network Geospatial Data Hub.
- IOM geospatial data on migration and displacement is systematically used as the UN system-wide reference.
- Coordinate and share IOM efforts on geospatial analytics and methods.