Human Landscape

Human Landscape, DigitalGlobe | Radiant’s Human Geography Information Surveys, are comprehensive geodatabases with rich attribution and metadata, detailing core human geography themes across Country and Metro scale, in analysis ready format. Leveraging DigitalGlobe high-resolution imagery significantly enriches publicly available data sources, resulting in DigitalGlobe unique surveys that enable analysts to develop responses to a wide range of complex geospatial taskings, effectively reducing operating costs and accelerating time-to-mission.

Features

DigitalGlobe’s Human Landscape data sets utilize imagery to improve multiple data sources to create a robust GIS database with rigorous quality assurance procedures, including extensive attribution tables and metadata. All surveys are created to industry standards and organized around human geography themes:

Human Geography

13 core themes

- Religion
- Education
- Land
- Ethnicity
- Transportation
- Water
- Medical
- Communication
- Language
- Groups
- Demographics
- Economy
- Significant events

Human footprint
Proven solutions

DigitalGlobe’s Human Landscape is ideal for use in a variety of geospatial and sociocultural analyses, such as:

Country Surveys

**SYMPATHY ASSESSMENTS**

Determine the various sympathies that exist in a country, including ascertaining the political polarity of different geospatially fixed groups

**SYMPATHY ASSESSMENTS**

Can be used to depict geospatial statistical information such as access to services, poverty indexes, and demographic information

**RADICALIZATION ASSESSMENTS**

Analysts can develop an index to help establish locations that are prone to radicalized sentiments by using collected public data

Metro Surveys

**NATURAL DISASTER EFFECTS**

Crowdsourcing with before/after analysis can help emergency personnel mitigate the after-effects of many natural and man-made disasters

**EVENT SECURITY PLANNING**

Complete, current, and accurate geospatial information for enhanced contingency planning, risk management, and emergency response

**PREDICTIVE CRIME MAPPING**

Search area reduction can help planners determine where to focus limited resources to help prevent future events

Production process

- **Multiple Sources**
- **Data Interpreted & Verified**
- **Data Assessed Using DigitalGlobe Imagery**

- Processed into a geodatabase
- Provided as supplemental data

Deliverables

- Geodatabase standardized based on 13 human geography themes
- Country or Metro-specific layers for each theme based on availability of data

Delivery Methods

- Media delivery: DVD
- Media delivery: External HD
- Web-based delivery: FTP

Now available on GSA Schedule 70 under contract # GS-35F-273GA.

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