Geospatial & Mapping OSINT

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Satellite Imagery

- Google Earth — Global 3D imagery and satellite data
- Google Earth Pro — Desktop version with advanced tools
- Sentinel Hub — Access free Sentinel satellite imagery
- Sentinel Playground — Explore Sentinel imagery interactively
- EO Browser — Browser-based access to Sentinel imagery
- NASA Worldview — Daily global satellite data
- USGS EarthExplorer — Access historical satellite imagery
- ESA Copernicus Open Access — Sentinel mission data access
- NOAA Satellite Data — US environmental satellite imagery
- Satellites.pro — Online satellite maps viewer
- Mapbox Near-Time Imagery — Near real-time satellite maps
- GIS Geography: 25 Satellite Maps — Guide to alternative satellite maps
- Wayback Imagery — Historic satellite imagery archive
- Maxar Discovery — High-resolution imagery archive
- Soar.Earth — User-uploaded and satellite imagery platform

Mapping and Street-level

- Apple Maps - Map service by Apple
- Baidu Maps - Map service by Baidu
- Bing Maps — Microsoft’s mapping solution
- GoKML — Online KML maps
- Google Maps — Standard mapping and geolocation platform
- Google Street View — Ground-level panoramas worldwide
- Instant Streetview - Instant Google Street View
- Mapillary — Crowdsourced street-level imagery
- NearToilets - Find clean public toilets
- OpenSeaMap - The Open Sea Map
- OpenStreetMap — Community-driven world map
- Open Infra Map - View of the world's infrastructure mapped in OSM
- HERE WeGo — Mapping and routing platform
- Wikimapia — Collaborative map with user-added info
- Yandex Maps - Map service by Yandex

Location Estimation

- GeoSpy.ai - Locates images through AI pixel analysis. Not publicly available
- Picarta - Locates images through AI EXIF data / algorithms
- TIB Labs - Uses deep learning / scene classification to determine country/location
- Findthatspot - Using OSM to locate features for Geolocation

- PeakFinder — Identify mountains and terrain from coordinates
- PeakVisor - same as above

Satellite and Aerial Tracking

- Space-Track.org — US Space Command satellite data
- N2YO — Real-time satellite tracking
- Heavens Above — Satellite, ISS, and astronomy tracking
- SatNOGS — Open-source satellite ground station network
- Celestrak — Orbital data for satellites and debris
- In-The-Sky Satellite Maps — Interactive orbital maps

Sun vs. Shadow

- ShadeMap - Sunlight simulation on OSM instance
- ShadowMap - Sunlight simulation on 3d map
- SunCalc — Calculate sun position and shadows for a given time
- SunEarthTools - Sun position tracking
- BellingCat Shadowfinder - Estimating the points on the Earth's surface where a shadow of a particular length could occur

Geospatial Analysis Tools

- QGIS — Open-source desktop GIS application
- ArcGIS Online — Cloud-based mapping and spatial analysis
- Gephi — Visualization and spatial network analysis

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