



System-Wide Water

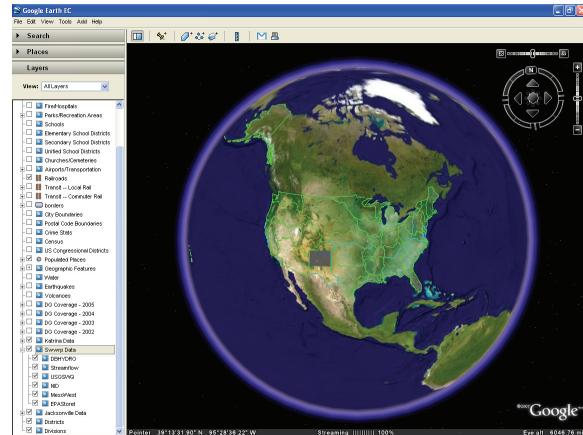


CorpsGlobe

About Corps Globe: [CorpsGlobe](#) is the U.S. Army Corps of Engineers' instance of the [Google Earth Enterprise Server](#) purchased for research and development under the [System-Wide Water Resources Program \(SWWRP\)](#). The primary (not limited to) goal of CorpsGlobe is to provide a decision support framework for USACE and its partners in a geospatial context by developing, promoting and deploying a common geospatial environment that provides a consistent interface following best industry practices. The goal is currently (partially) achieved by:

- Giving the users ability to view terrain and high-resolution imagery in 3-D for their area of interest
- Giving the users the ability to view multiple national data sets simultaneously from the original source on a 3-D map to download and graph the raw data. This significantly simplifies the data acquisition process
- Providing a backbone infrastructure to visualize model outputs providing a fast turnaround for the users for making adjustments and course corrections and rerun models for accuracy.

All USACE employees and partners can use the Google Earth Enterprise Client and associated data available with CorpsGlobe.



How Does Google Enterprise Client Work with Google Professional Client? The Google Enterprise Client (EC) does not replace the Google Pro. Similarly Google Pro does not replace the EC client. They both work in conjunction with one another.

Background: There are four flavors of the Google Earth Clients offered by Google Inc.

- [Google Earth Client](#) – free for personal use but not authorized for commercial/enterprise use (which includes USACE)
- [Google Earth Pro Client](#) – used for professional and commercial use and retails for \$400 per seat per year. This allows the user to connect to the Google Earth Server at Google.
- [Google Earth Plus Client](#) – loosely put, it is a “lite” version of the Pro client with limited geospatial capabilities. Retails for \$20 per seat per year.
- [Google Earth Enterprise Client](#) – free with the Google Earth Enterprise Server and connects to the USACE Google Enterprise Server (CorpsGlobe) by default. This allows users to see USACE specific data over commercial imagery. Details on type of data are available “What Data is Available” link. So, how does all this fit together? The Enterprise Client provided by CorpsGlobe has ability to connect to more than one server. For example, if users have a Google Pro license, they can connect to the Google Earth commercial server AND the CorpsGlobe using the Enterprise Client, thereby viewing model outputs, animations and [super-overlays](#) rendered over the



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CorpsGlobe

1-meter commercial imagery provided by Google. Meaning, using the Enterprise Client, they can connect to more than one globe concurrently in the same session. This gives the ultimate viewing power of being able to see Corps owned and commercial imagery in one location.

How do I connect to download and CorpsGlobe? You must download the Enterprise version of Google Earth to connect to the USACE Google Earth server. This is a free download for all USACE Google Earth server users. The most recent client is recommended, but older clients are available if you have problems with the current version. Please also note that the Enterprise Client does not replace the free client or the Professional Client available from Google. **IMPORTANT: When the Google Earth Enterprise Client launches, you will be asked which server you wish to use. Enter "<https://corpsglobe.usace.army.mil>" in the server box then click the Login button.**

Download Client: Current Client ([Click here](#) to download the most recent client). Previous Client Versions:

- [Version 4.2.205.5730](#)
- [Version 4.2.196.2018 Beta \(Mac\)](#)
- [Version 3.0.0762](#)
- [Version 4.2.180.1134](#)
- [Version 4.0.2722](#)

What Data Are Available on CorpsGlobe?

National Datasets	Regional Datasets
<ul style="list-style-type: none">• EPA STORET• USGS Current Realtime Streamflow• MesoWest (MesoWest meteorological data from NOAA and the University of Utah)• NED (National Elevation Dataset)• NID (National Inventory of Dams)• NLCD (National Land Cover Data)• SRTM (Shuttle Radar Topography Mission)• WIS (Wave Information Studies)	<ul style="list-style-type: none">• DBHYDRO (South Florida Water Management District's DBHYDRO database)• IPET<ul style="list-style-type: none">– Location of Pumps in New Orleans– 1 m RGB Ortho Imagery - State of Louisiana - Pre-Katrina– 15 cm RGB Ortho Imagery - Five Parrish - post-Katrina– 1 m LiDAR derived elevation data - Pre-Katrina Levees– 2 m LiDAR derived elevation data - Post-Katrina Levees• USACE, Jacksonville District Imagery (Vector Data – .shp files)<ul style="list-style-type: none">– DOQQ ECW and SPOT2000_SFWMD ERDAS IMAGINE– Structures (South FL Water Management District)– Levees (South Florida Water Management District)– District Property around HHD– Canals (South FL Water Management District)– Herbert Hoover Dike Crest• USACE, Albuquerque District<ul style="list-style-type: none">– 15 cm RGB Ortho Imagery - Four Counties– 1 m RGB Ortho Imagery - State-wide– 1 m LiDAR derived elevation data - Two Counties• Topographic Engineering Center<ul style="list-style-type: none">– 50 cm RGB Ortho Imagery - Camp Pendleton, CA– 50 cm RGB Ortho Imagery - Los Angeles, CA– 1 m RGB Ortho Imagery - 29 Palms, CA– 50 cm RGB Ortho Imagery - Miramar, CA– 50 cm RGB Ortho Imagery - San Diego, CA• USACE, Pittsburgh District<ul style="list-style-type: none">– 1 ft RGB Ortho Imagery - Four Counties• USACE, San Francisco District<ul style="list-style-type: none">– 1 m NAIP RGB Ortho Imagery - US/Mexico Border

Google Earth Manual and Reference: If you are having problems with your Google Earth client or need help with its features, the information in this section may help! Also included here is information about KML, the Google Earth language that lets you put your own data and information on top of our Google Earth imagery and data.

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