Here is What Awaits You!

- Geographic Information System (GIS) Overview and Projects
- Awards and Recognitions

"ENGEO was invaluable to our planning team. Their GIS team helped us organize many terabytes of data in hundreds of layers on our lands that span over 60,000 acres. Without the spatial model they created, we would not have been able to coordinate between various disciplines so quickly and accurately."

- Bronson Johnson, Head of Infrastructure and Sustainability at California Forever

Geographic Information System (GIS) Overview

ENGEO's Geographic Information System

ENGEO continues to elevate projects to new levels by creating interactive project portals in Geographic Information System (GIS). These flexible portals capture, analyze, manage, and present project data in one consolidated place. Each portal serves as a central point of collaboration among project stakeholders. ENGEO focuses on improving workflow efficiency, and visually presenting technical data using GIS and custom application development services.

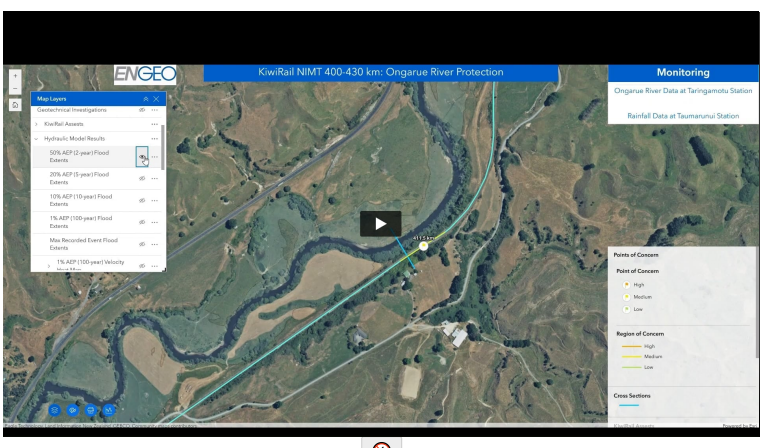
Learn More about this powerful tool and how ENGEO can help with the implementation and continuous maintenance needed for the smooth program running.

This is ENGEO's GIS Team!

Laura MacLean, San Ramon, CA
Nick La Motte-Kerr, Valencia, CA
Noah Clough, San Ramon, CA
Qiran Liang, San Ramon, CA
Wenhao Wu, San Ramon, CA

Learn More about their journey.

Curious to See GIS in Action? Check Out Our Demonstration Video Below!

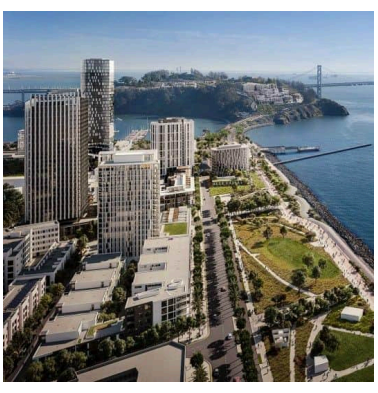


Mapping the Ongarue River: How GIS Revolutionized Geotechnical Insights

The Ongarue River in New Zealand flows adjacent to a major railway line and has caused erosion and slope stability concerns at numerous locations. Given the high number of sites spread out over a large geographic area, ENGEO created a GIS web portal to display locations of concern, survey data, aerial photographs, flood limits, previous geotechnical investigations, and other relevant site information.

Our client was impressed with the ease and functionality of the GIS portal and thought it would be a great tool to include on many of their other projects across New Zealand.
Learn More

ENGEO Global Geographic Information System (GIS) Projects



The Epic Transformation of Treasure Island and Yerba Buena Island

ENGEO is the Geotechnical Engineer of Record.

We developed a project-specific GIS platform to facilitate design coordination and construction progress tracking for all stakeholders. Drone flyovers were also performed weekly for quantity tracking and island-wide aerial imagery.

Learn More

Revolutionizing Data Management: ENGEO's GIS Portal for the East Solano Plan!

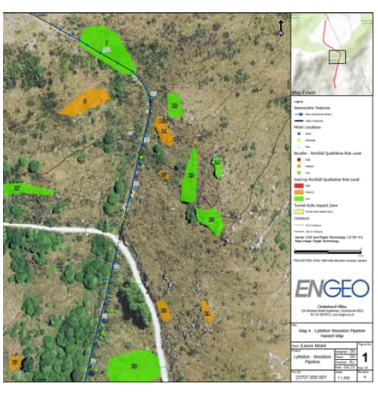
ENGEO is providing Geotechnical, Environmental (Hazmat), Water, and GIS services for this new walkable, sustainable community focused on providing good-paying jobs and affordable homes. With such an ambitious goal and a 65k-acre study area, there are many challenges related to data management. These include organizing the sheer quantity of data necessary to understand a site of this magnitude, tracking of the metadata and source of each component, and organizing the data into usable formats. ENGEO developed and maintains a GIS portal to manage data collected for the site and address these challenges.
Learn More

From Earthwork to Aerial Scans: The Fascinating Story of Newhall Ranch

Newhall Ranch is the largest master-planned development in North America, including roughly 21,500 units situated on 14,000 acres.

During construction to date, which included 46 million cubic yards of earthwork, we developed the GIS platform to track grading schedule and volumes on a weekly basis, coordinated with UAV drone scans, and we completed a 1,200-acre area.

Learn More



Understanding the Challenges: The Lyttelton to Woolston Pipeline's Journey Across the Port Hills

The Lyttelton – Woolston fuel pipeline (LWPL) is a 7.5 km long, above ground pipe which crosses the Port Hills between storage depots at Lyttelton (south) and Woolston (north) in Canterbury.

The pipeline is located on steeply sloping topography with multiple rock outcrops, tunnel gully features, and landslide scarps. These hazards pose a significant risk to the pipeline and have the potential to compromise the safe operation of the pipeline.

To spatially communicate ENGEO's observations from hazard mapping during pipeline walkovers, we used an online GIS portal where any features/hazards identified are displayed for the client to view.
Learn More

ENGEO Excellence

Let's Celebrate Excellence!

ENGEO is in the **top 10 of Fortune's Best Workplaces in the Bay Area™** list.

ENGEO won **CalGeo Outstanding Project Honorable Mention Awards** in three different categories for three challenging projects

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Professional Licenses

Congratulations to newly licensed individuals:

Angelo Campiglia, GIT
Geologist in Training, CA
Devon Halligan, CMEngNZ, CPEng
Chartered Member and Chartered Professional Engineer, NZ
Emma Griffie, PG
Professional Geologist, CA
Ethan Collier,
Asbestos Assessor License, NZ
Natalie Flatman, CEnvP
Certified Environmental Practitioner, NZ
Sean Freeman, CEnvP
Certified Environmental Practitioner, NZ

We are honored to have over **70 licensed** professionals **PE/GE/CEG/PG** in the states of **CA, WA, NV, HI, NC, TX, UT, Guam, and CNMI**.