# GEO-SOLUTIONS BY SUSTAINERA



Sustainera Solutions is a firm, with offices in Azerbaijan, Georgia and United States, providing exceptional advisory, research, and capacity-building services to businesses, IFIs, DFIs, government agencies, and multilateral organizations. Our mission is to help our clients transform their challenges into long-lasting and sustainable solutions.

We offer:

• GIS and Remote sensing

· Geodesy and Topography



## GISAND REMOTE SENSING



#### GIS CONSULTING

Identify how GIS can be used to solve specific problems or improve operations.



#### GIS IMPLEMENTATION

Implement GIS technology, including software installation and configuration, data integration, and system customization.



#### GIS DATA SERVICES

Collect, organize, and manage spatial data, including data acquisition, database development, and data migration.



#### GIS MAPPING AND ANALYSIS

Create maps, conduct spatial analysis, and generate reports to support decision-making processes.



#### REMOTE SENSING AND IMAGING

Collect, process, and analyze data from remote sensing technologies such as satellites, drones, and aerial photography to provide insights into changes in the environment over time.



#### LIDAR SERVICES

LiDAR data acquisition, processing, and analysis for a range of applications, including forestry, agriculture, and urban planning.



#### GIS TRAINING AND SUPPORT

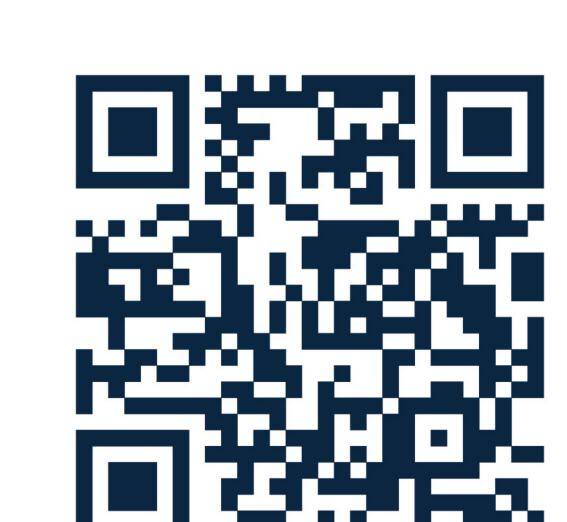
Build capacities to use GIS technology and troubleshoot technical issues.



#### 3D MODELING AND VISUALIZATION

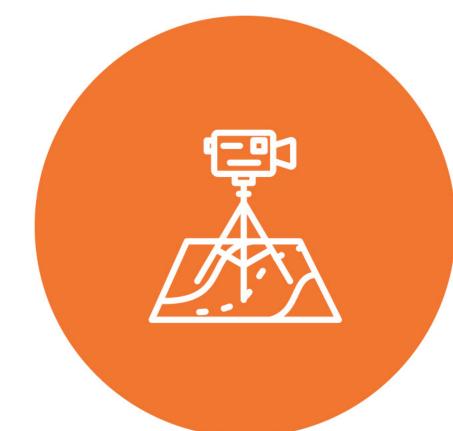
3D models and visualizations of the environment, infrastructure, and social systems to understand complex spatial relationships.





### TOPOGRAPHY





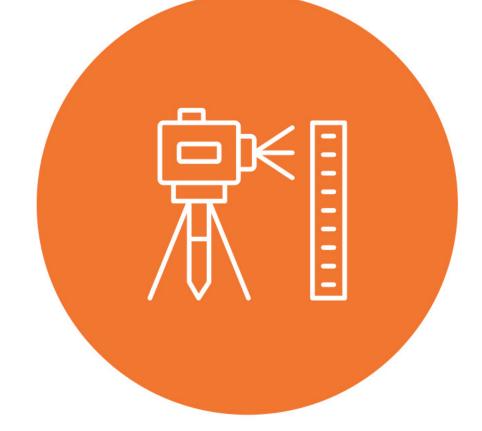
#### LAND SURVEYING

Use of specialized equipment and techniques (such as Leica Total Stations, Leica GNSS systems, Sokkia and etc.) to measure and map the boundaries of land and the location of its natural and man-made features, such as buildings, roads, and utilities.



#### TOPOGRAPHIC MAPPING

Create accurate and detailed maps of the Earth's surface, including its terrain, elevation, and natural features, such as rivers, lakes, and forests.



#### GEODETIC SURVEYING

Use of advanced technology to measure the Earth's shape, size, and orientation.



#### ENGINEERING SURVEYING

Provide accurate measurements and mapping of construction sites, building foundations, and other infrastructure projects.



#### PHOTOGRAMMETRY (DRONE SURVEYING)

Help companies and organizations to improve productivity, accuracy, and safety by providing accurate and detailed 3D models and maps of the environments in which they operate.

### INDUSTRIES WE SUPPORT



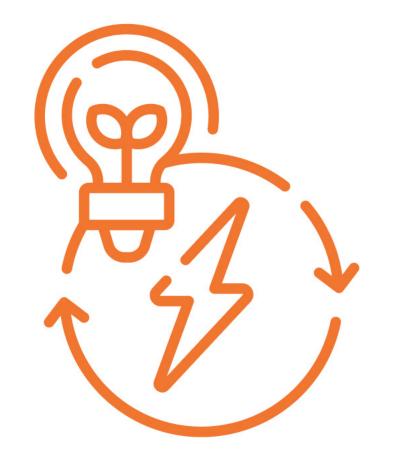
Environment



Real Estate



Renewable and alternative energy



Smart City





Education



Urban planning ( and design



Transportation





