

GEODESY / TOPOGRAPHY / MAPPING / GIS / GEOLOGY  
GEOPHYSICS / HYDROGEOLOGY / BATHYMETRY / DRONE  
SURVEYS / SIDE-SCAN SONAR / REMOTE SENSING /  
ENVIRONMENT / SCADA / HYDROLOGY / METOCEAN /  
SISTEM INTEGRATION / DESIGN / SOIL AMELIORATION

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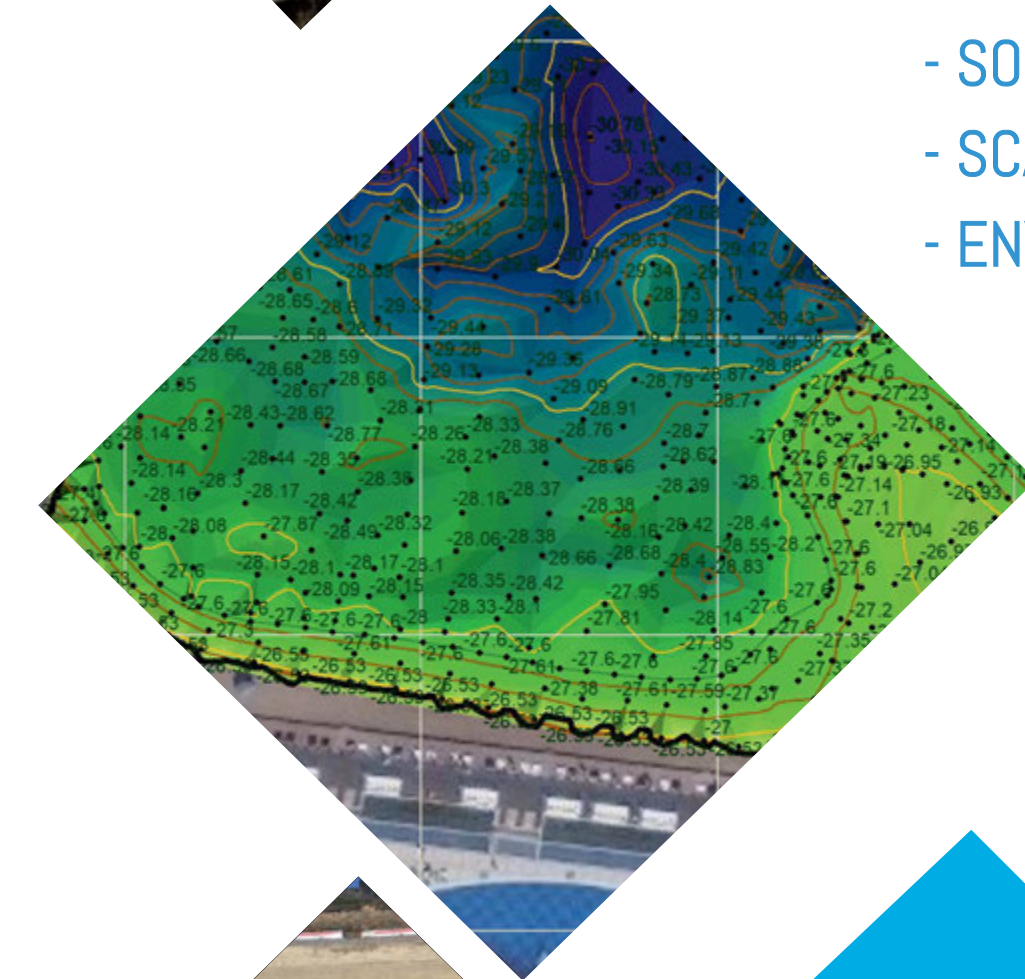
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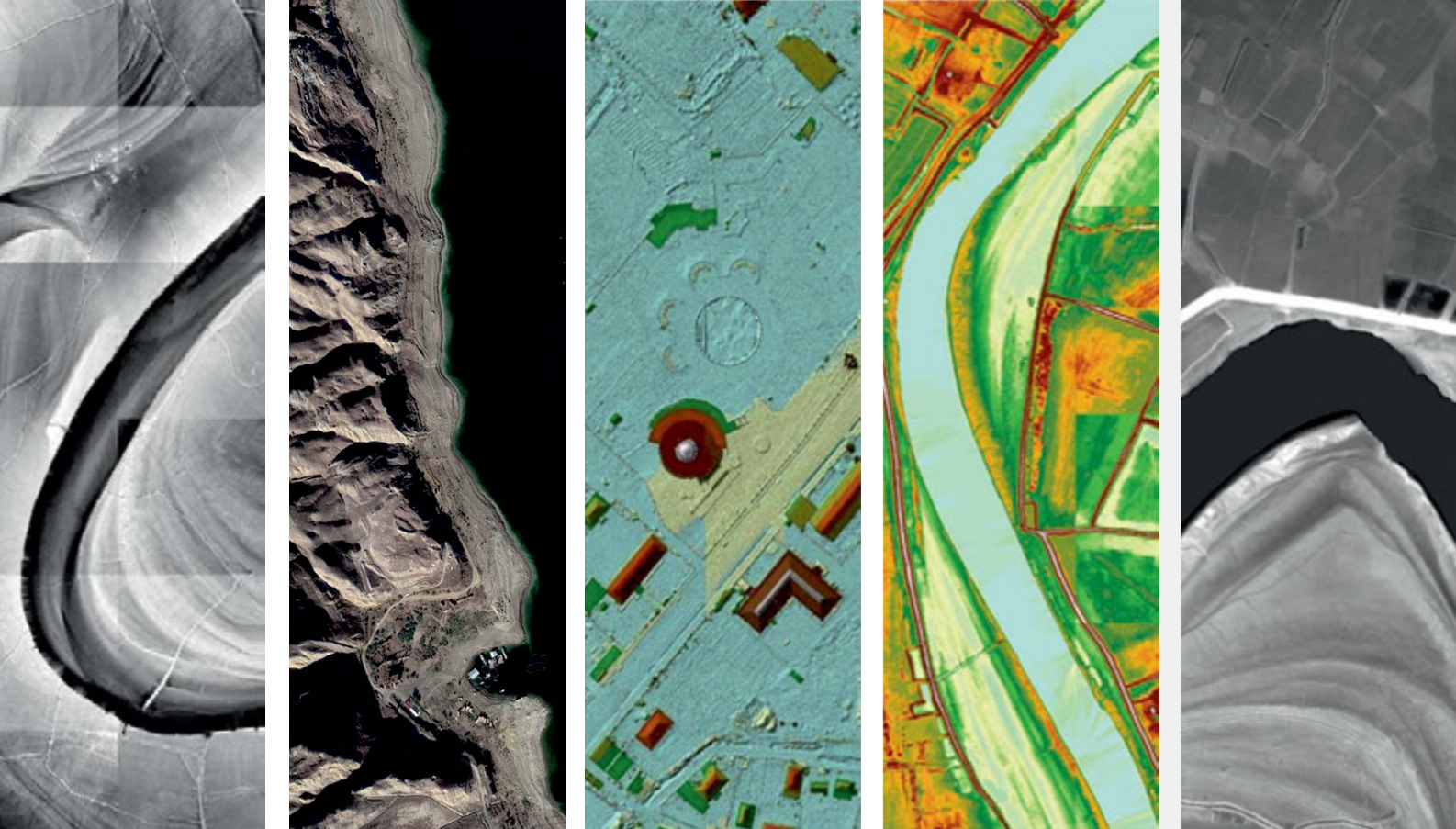
Research Engineering Project Development  
Consulting



- GEOMATICS SERVICES
- GEOLOGY / GEOPHYSICS
- HYDROGEOLOGY
- BATHYMETRIC SURVEYS
- SIDE-SCAN SONAR
- HYDROLOGY
- METOCEAN STUDIES
- SOIL AMELIORATION
- SCADA (AUTOMATION)
- ENVIRONMENT

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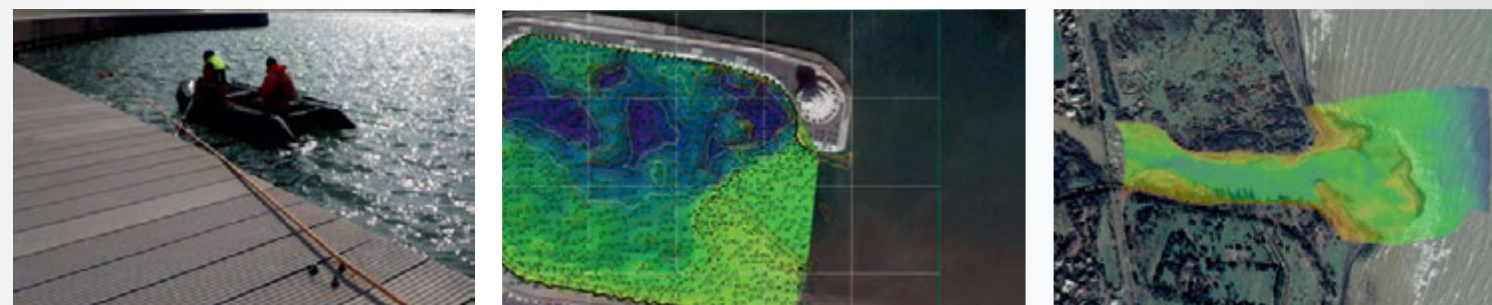




## S E R V I C E S

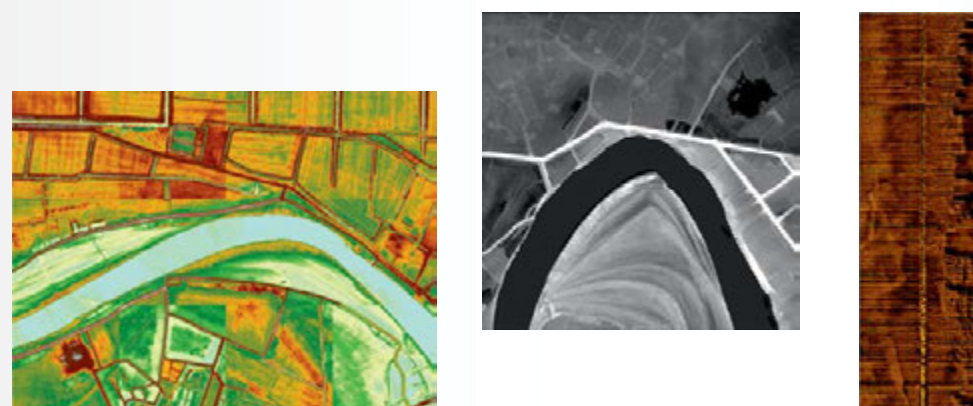
### GEODESY / TOPOGRAPHY / REMOTE SENSING / PHOTOGRAMMETRY

- Topographic and Photogrammetric surveying
- DRONE surveys, Aerial photography and processing
- Marine Geodesy
- Topographic stakeout
- Volume Calculations
- Leveling / Consulting
- Making and updating topographical maps
- Observation (Control of measurements), Geodetic control
- Geodetic monitoring systems
- Satellite imagery interpretation and classification
- Ortho-rectification of satellite imagery (control points)
- DEM/DTM generation
- Change detection / classification mapping



### HYDROGRAPHIC SURVEY SERVICES

- Bathymetry survey (Single-beam / Multibeam)
- SONAR survey (Side-Scan Sonar) / Sediments classification
- Bathymetry mapping / Modelling / Compare analyse
- Detection of hazardous areas and underwater objects for the safe movement of ships
- Classification and inventory of underwater objects, mapping
- High-resolution acoustic imaging



### CARTOGRAPHY SERVICES

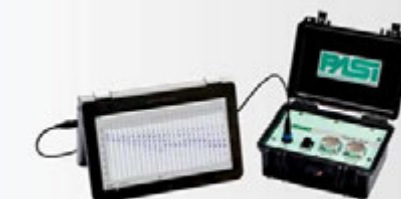
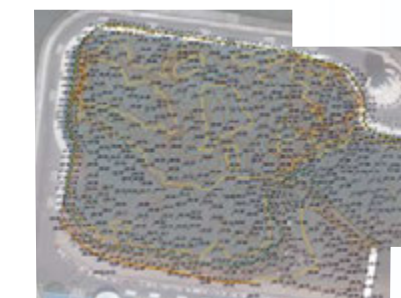
- Thematic mapping
- Environmental mapping
- Atlas mapping and designing
- Web mapping services
- Topographical mapping
- Cartographic design services

### GIS SERVICES

- Geospatial database
- Spatial data management
- Geodatabase structural design
- Spatial analysis and modeling
- Geoinformation analysis

## GEOLOGICAL AND GEOPHYSICAL SERVICES

- Engineering-geological investigations
- Geophysical surveys
- Drilling exploratory boreholes
- Geological assurance in construction
- Geological mapping and GIS
- Hydrogeology
- Soil laboratory
- Geotechnical investigation (Standard Penetration Test / Pressuremeter test / Inclinator etc.)
- Providing placement of stationary foundations at sea and geological exploration



### ENVIRONMENTAL SERVICES

- Environmental Impact Assessments (EIA)
- Ecosystem and Aerospace Monitoring System
- Geographical Information Systems
- Ecological monitoring of environment
- Rehabilitation
- Field investigation
- Vulnerability and Risks Assessments (flood risks etc.)
- Environmental mapping

### HYDROLOGY INVESTIGATIONS

### HYDROGEOLOGICAL SURVEYS

### METOCEAN STUDIES

### SOIL AMELIORATION

### BATHYMETRIC SURVEYS

### SCADA (AUTOMATION)

### WASTEWATER TREATMENT PLANTS

### SYSTEM INTEGRATION

## ABOUT US

CASPIAN GEOMATICS LLC company provides comprehensive research and engineering services in the fields of alternative energy, waste management, irrigation and drainage systems, water supply, oil and gas, agriculture, forestry, ecosystems, natural resources, infrastructure, tourism, environment, urban planning, design, mining.

International certificates and licenses:

- Engineering-Prospecting Works of buildings & facilities permitted for construction
- Formation of information recourses of personal data and information systems development, serve them
- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018

CASPIAN GEOMATICS LLC participates in the implementation of projects of ADB, WB, EBRD and other international organizations. At the same time, we cooperates with international companies, state and private organizations.

We have approaches to project management, HSE, quality control, emergency, planning. The staff has international HSE & IMO certificates.

## OUR STRENGTHS

PROFESSIONAL STAFF / OPERATIVENESS / INTERNATIONAL EXPERIENCE