

Gamze Gül MUNGAN

GIS Specialist | Spatial Analysis & 3D GIS

Turning data into decision-ready insight

📍 İzmir, Türkiye | 🌐 Remote (Global)

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SKILLS

Decision-Support Mapping & Visualization	Web GIS & Map Services	Environmental GIS
3D GIS & Terrain-Based Analysis	Open Data Sourcing & Data Creation	Utility, Infrastructure
Geospatial Data Preparation & Integration	Technical Documentation	Spatial Analysis & GIS Workflows

• **Technical Skills;** ArcGIS Pro (3.5) | QGIS | Remote Sensing & Raster Processing

PROFESSIONAL SUMMARY

GIS Specialist with over 10 years of experience supporting spatial analysis, 3D GIS, and data-driven decision-making across infrastructure, energy, environmental, and urban projects. I work with GIS as a problem-solving and spatial thinking framework — helping individuals and organizations turn raw data into meaningful analysis, maps, and insights. My work spans data preparation, spatial and 3D analysis, visualization, and web-based GIS workflows, adapting to existing tools and licenses.

Open to international, project-based, and consulting collaborations.

GIS SPECIALIST / CONSULTANT

International & Project-Based Engagements

2014 – Present

- Supported spatial analysis and GIS workflows for infrastructure, energy, environmental, and urban-related projects.
- Conducted spatial and 3D analysis to support planning, assessment, and decision-making processes.
- Prepared, structured, and integrated multi-source geospatial datasets.
- Developed map outputs and visualizations tailored to technical and non-technical stakeholders.
- Worked across different GIS platforms, adapting to client-specific tools and licenses.

Municipality GIS Projects (Urban & Infrastructure)

Selected Projects

- Supported municipal GIS workflows related to urban planning, infrastructure mapping, and spatial data management.
- Conducted spatial analysis to support land-use, environmental, and service-related assessments.
- Assisted in geodatabase design and data standardization.

Energy & Environmental GIS Projects

Selected Projects

- GIS support for energy-related spatial analysis, including renewable energy and environmental assessment contexts.
- Hydrology-related GIS analysis and terrain-based evaluation.
- Integration of spatial data to support environmental impact understanding.

EDUCATION

Bachelor's Degree, Dokuz Eylul University, Geological Engineering, 2003 – 2008

LANGUAGES

Turkish – Native

English – B2 (Upper-Intermediate), Fluent in technical and project communication

COLLABORATION & WORK MODEL

- Project-based GIS consulting
- Short- and medium-term engagements
- Remote and hybrid collaboration
- Client-owned licenses and infrastructure

PUBLICATIONS*

- AI/ML-Driven Prediction Framework of Hidden Water Networks in Antarctica
- Contributions to GIS-based environmental and geospatial research projects
- Conference papers and academic publications related to spatial analysis and GIS applications

**(Full publication list available upon request)*