

Geological – Geotechnical – Environmental Services

69 Solonos Str. Tel: 210 3614 347  
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Athens Email: [info@geo-lysis.gr](mailto:info@geo-lysis.gr)  
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geoLYSIS

## *Thought Creation Result*



**Geological  
Services**



**Geotechnical  
Investigations**



**Geotechnical  
Design**



**Environmental  
Services**



**Permits**



**Technical Consulting  
Services**



**Renewable Energy  
Services**



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geoLYSIS (meaning "earth solutions" in Greek language) was established in order to provide a range of services covering the design, implementation, interpretation and evaluation of geological, geotechnical and environmental consultancy services.

The company has qualified professional staff with a vast range and depth of experience in Geotechnics, Engineering Geology and Environmental Services who guarantee the ability to provide integrated, appropriate solutions to meet our Clients' needs.

The scientific and technical staff are highly qualified and include civil engineers, geologists, engineering geologists and environmental scientists.

Main aim of our staff is to meet Clients' needs by providing innovative solutions that fully respond corporate requirements in relation to construction industry, supported by the knowledge and experience of our staff.

geoLYSIS holds Certificates from the Greek Ministry of Infrastructure, Transport and Networks, certifying that our organisation is approved and listed on the Greek Register of Qualified Consultancies for the following categories:

- ✓ **Category 20:** Geological, Hydrogeological & Geophysical Surveys & Design
- ✓ **Category 21:** Geotechnical Investigations & Design
- ✓ **Category 27:** Environmental Surveys & Design

The corporate offices of geoLYSIS are located in Athens, on 69 Solonos Street and they provide a suitable fully equipped working office area, covering the needs of our staff and providing a healthy and friendly working environment.



geoLYSIS provides a wide range of services covering the design, implementation, interpretation and evaluation of Geological, Hydrogeological and Geophysical services in relation to:

- ✓ Geological, Engineering Geology & Soil Dynamic Surveys
  - ◆ Highway and Railway Schemes (embankments, excavations, bridges, tunnels etc)
  - ◆ Building Construction Schemes (foundations, soil retaining methods etc)
  - ◆ Water Management Schemes (dams, water reservoirs, water transportation tunnels, water pipes, flood defences etc)
  - ◆ Underground Excavation Schemes (tunnels, foundations, soil retaining methods etc)
  - ◆ Slope Analysis and Landslide Remediation Schemes
- ✓ Geological Surveys for Planning Building Schemes
- ✓ Hydrogeological Surveys for Managing Surface and Ground Water
- ✓ Planning, Supervision and Construction of Hydro Borehole Drilling
- ✓ Geophysical Surveys for determining Underground Soil Models
- ✓ Development of Geographical Information Systems(G.I.S)

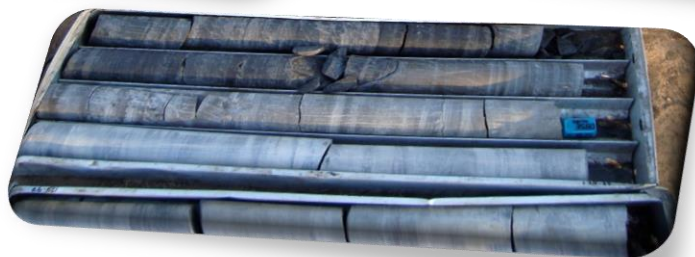




## GEOTECHNICAL INVESTIGATIONS

geoLYSIS provides a wide range of services covering the design, implementation, interpretation and evaluation of Geotechnical Investigations services in relation to:

- ✓ Planning, Design and Supervision of Site Works in Geotechnical Investigations
- ✓ Borehole Drilling (drilling, sampling, in-situ testing etc)
- ✓ Trial Pitting and Cone Penetration Tests (CPTs)
- ✓ In-Situ Soil Testing (SPT, CPT, CBR, shear vane tests etc)
- ✓ Planning and Design Soil Laboratory Testing Schedules
- ✓ Factual Reports of Ground Investigations
- ✓ Planning and Supervision of Ground Movement Monitoring Programs



geoLYSIS provides a wide range of services covering the design, implementation, interpretation and evaluation of Geotechnical Design services regarding:

- ✓ Planning, Design and Supervision of Geotechnical Works (ground investigations, foundations, retaining walls, excavations, soil nailing etc)
- ✓ Geotechnical Design of Embankments and Excavations
- ✓ Geotechnical Design of Shallow and Deep Foundations (bearing capacity check, settlement estimation, buried concrete protection etc)
- ✓ Geotechnical Slope Analysis and Design of Landslide Remediation Measures
- ✓ Planning, Design and Supervision of Ground Investigations (boreholes, CPTs, trial pits, window samples, soil laboratory testing etc)
- ✓ Factual Reports of Ground Investigations
- ✓ Geotechnical Interpretative Reports
- ✓ Planning and Supervision of Ground Movement Monitoring Programs
- ✓ Soil Improvement Design
- ✓ Ground Water Problems Treatment Design



## ENVIRONMENTAL SERVICES

geoLYSIS provides a wide range of services covering the design, implementation, interpretation and evaluation of Environmental services in relation to:

- ✓ Environmental Impact Scheme Analysis and Surveys
- ✓ Environmental Risk Analysis
- ✓ Environmental Checks
- ✓ Environmental Remediation Analysis and Design
- ✓ Environmental Waste Management
- ✓ Permits for Collection, Transportation & Temporary Storing of Dangerous Waste
- ✓ Quality Environmental Management Systems ISO 9001:2008 & 14001:2004
- ✓ Geochemical, Hydrochemical and Environmental Surveys (soil, underground soil, surface water, ground water etc)



## PERMITS

geoLYSIS provides a wide range of services covering the design, implementation, interpretation and evaluation of Permitting services regarding:

- ✓ Issue of Water Use Permits from Hydro Boreholes
- ✓ Renew of Issued Water Use Permits from Hydro Boreholes
- ✓ Environmental Working Permits for Industrial Companies, Shops, Stores
- ✓ Issue of Environmental Working Terms
- ✓ Renew of Issued Environmental Working Terms
- ✓ Annual Reports of Waste Production
- ✓ Permits for Collecting, Transporting and Temporary Storing of Dangerous Wastes





## TECHNICAL CONSULTING SERVICES

geoLYSIS provides a wide range of services covering the design, implementation, interpretation and evaluation of Technical Consulting services regarding:

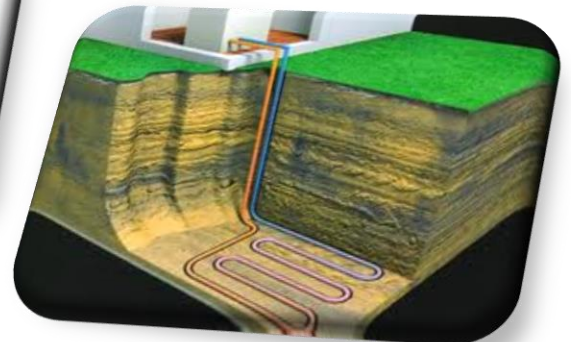
- ✓ Tenders and Procurement for Biddings
- ✓ Project Management
- ✓ Quality Assurance Programs
- ✓ Health and Safety Advisor Services
- ✓ Risk Assessments
- ✓ Health and Safety Plans
- ✓ Court Technical Expertise Services



## RENEWABLE ENERGY SERVICES

geoLYSIS provides a wide range of services covering the design, implementation, interpretation and evaluation of Renewable Energy services:

- ✓ Issue of Renewable Energy Production Permits
- ✓ Technical and Legal Supporting Services
- ✓ Consulting Services regarding Funding Options
- ✓ Quality Assurance Programs



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