



since 2001

**Solutions for sustainable construction in
harmony with nature**



Management and Development Integrated Vision

Since taking over the leadership of Geostud in 2014, at a pivotal moment in the company's evolution, my mission as General Director & CEO has been to strengthen an operational structure capable of meeting both technical and sustainability requirements in a field where professional responsibility is essential.

Geostud integrates applied science with engineering practice, delivering geotechnical and environmental expertise that upholds the integrity and quality of construction projects.

Our mission is clear: advanced technical expertise, strategic adaptability, and continuous investment in competence, people, and technology.

In an industry where the ground and environment dictate both the limits and the potential of construction, our leadership approach is based on precise data, thorough analysis, and well-founded decisions as essential elements at every stage of work.

Petru Nicolae
CEO & General Manager



Excellence in geotechnical and environmental studies

Geostud is a Romanian company established in 2001, specializing in geotechnical engineering and environmental protection. The company is engaged in large-scale national and international infrastructure projects, as well as initiatives focused on environmental safeguarding, applied research, and technological innovation.

Geostud adopts a multidisciplinary approach that combines scientific expertise with advanced technologies to provide partners with integrated solutions – from field investigations and analyses conducted in its own authorized, accredited, and internationally recognized laboratories, to specialized modeling, study development, specialized technical consulting, and expert assessments.

2001 - 2013

- Opening of the Sângerului branch
- Equipping and commissioning of the Laboratory for Construction Analyses and Tests
- Equipping and commissioning of the Environmental Laboratory
- Equipping and commissioning of an independent laboratory for testing geosynthetic materials

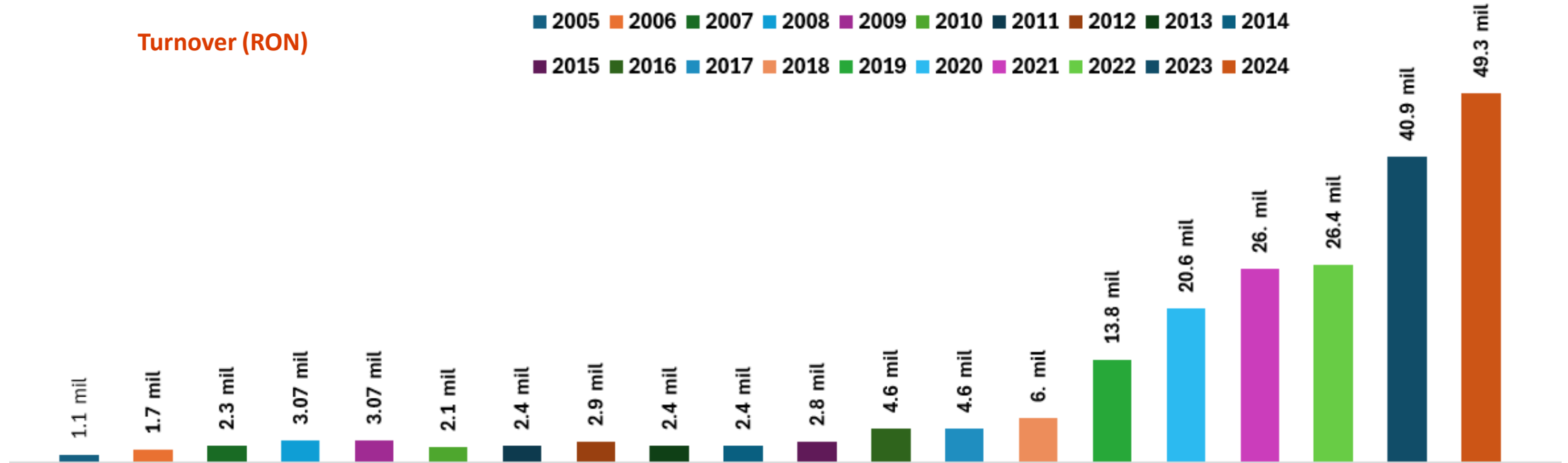
2014 - 2019

- Period of organizational growth that opened the path for future development and diversification of Geostud
- Investment in technical and human resource capabilities, strengthening the company's expertise base
- Recruitment of additional personnel to sustain the company's growth
- Launch of continuous training programs for employees to enhance
- Initiation of the largest project of the period: technical documentation for 614 km of railway infrastructure
- Development of complex evaluation and environmental impact assessment studies for major infrastructure projects
- Consolidation of technical capabilities to support future large-scale projects

2020 - 2025

- 4 European projects
- 42 projects in the geotechnical field
- 79 projects in the field of environmental protection
- Opening of the Guliver branch Opening of the Agnita branch
- Establishment of the Design and Expertise Department
- Establishment of the Automation and Digitalization Department
- Establishment of the Climate Change and Circular Economy Department
- Establishment of the Natural Resources Prospecting Department
- New activity sector – geological analyses for rocks, ores, and natural aggregates
- Vehicle fleet expanded to 56 units, including 9 drilling rigs

Turnover (RON)



Geostud - Departmental Development



Employee growth trend



Employee growth trend

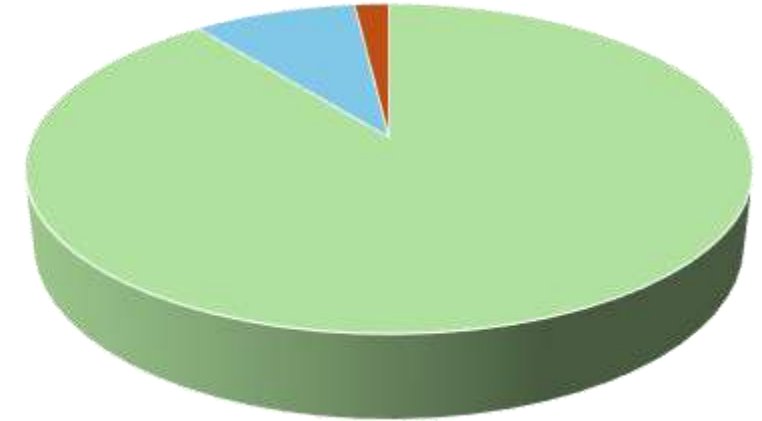


Environmental Department Services

- Environmental Impact Assessment (EIA) Studies
- Environmental Impact Assessment Reports (EIA)
- Baseline Reports/ Baseline Assessments Studies
- Environmental Report (RM)
- Environmental Audit
- Appropriate Assessment Reports
- Environmental Impact Assessment Studies on Surface Water Bodies
- Monitoring and mapping of the distribution of biodiversity components (habitats and wild fauna species), as well as pressures and threats
- Monitoring and laboratory analyses of abiotic factors (air, water, soil, noise)
- Pollutant dispersion modeling
- Noise maps – spatio-temporal modeling of noise levels
- Identification and implementation of optimal remediation methods for contaminated sites
- Climate change studies and circular economy practices



Key Fact in the last 5 years



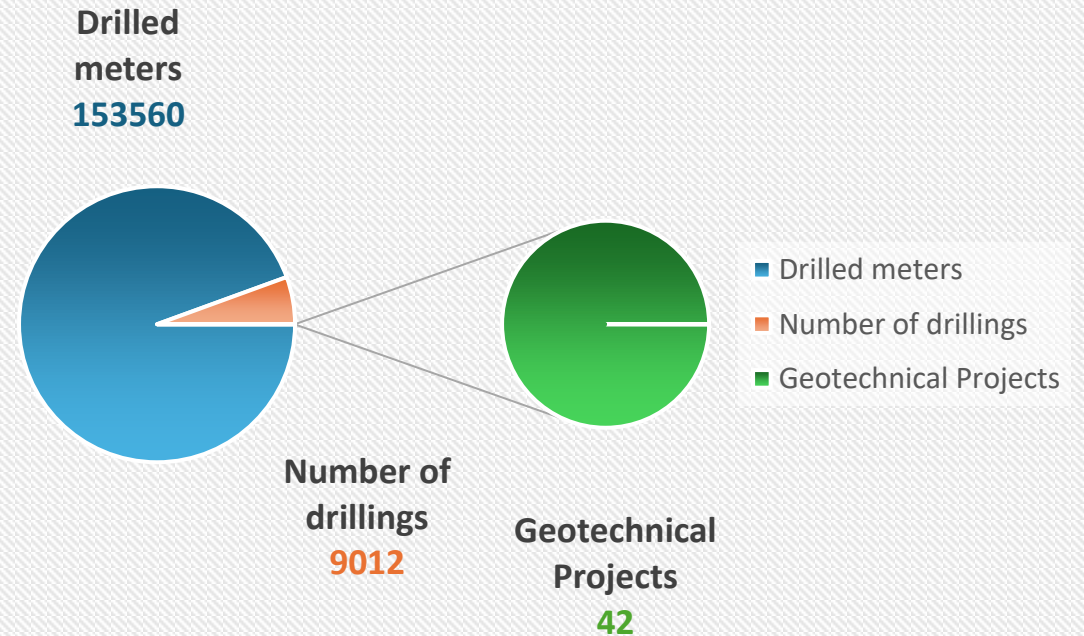
- Environmental factors test reports **11552**
- Environmental factors and biodiversity monitoring reports **1124**
- Environmental studies **238**

Geotechnical Department Services

- Elaboration of geotechnical studies
- Technical expertise
- Project verification
- In situ investigations
- Geotechnical monitoring services
- Technical assistance for project execution
- Ground modeling
- Engineering and topographical works
- Geological mapping projects
- Testing, technical analyses, and laboratory tests (on soils, rocks, and geosynthetic materials)
- GIS modeling
- Thematic maps
- Impact/hazard modeling for landslides
- Settlement analysis of foundation Soils
- Stability analysis of soil/rock masses
- Calculation of Bearing capacity of piles
- Consolidation and settlement calculations of soil masses
- Geotechnical design (piles, retaining walls, special foundations, etc.)



Key Facts in the last 5 years



National Projects

- Sibiu - Pitești Motorway, Sections 1, 2, 3 and 5
- Ploiești – Siret Motorway (A7), Sections: Ploiești – Buzău, Buzău – Focșani, and Focșani – Bacău
- Târgu-Neamț - Iași - Ungheni Motorway (A8)
- Lugoj – Deva Motorway (A1)
- Sibiu – Făgăraș Motorway
- Galați-Brăila Regional Airport
- Rehabilitation of the Frontier – Curtici – Simeria Railway Line, Part of the Pan - European Corridor IV, for train operations at speeds up to 160 km/h, Sections 2 and 3
- Rehabilitation of the Craiova – Drobeta Turnu Severin – Caransebeș Railway Line, Part of the Orient/East - Mediterranean Corridor
- Modernisation of the Predeal – Brașov Railway Section
- Rehabilitation of the Bucharest – Constanța Railway Line, Sections: Bucharest North – Bucharest Băneasa and Fetești – Constanța
- Modernisation of the Bucharest North – Jilava – Giurgiu North – Giurgiu North Border Railway Line
- Metropolitan Train Gilău – Florești – Cluj-Napoca – Baciul – Apahida – Jucu – Bonțida – Phase I of the Cluj Metropolitan Rapid Transit System: Metro Line I and Metropolitan Train, including the connection between them and related studies for future investment objectives
- Metro Line 5 (Drumul Taberei – Pantelimon), Eroilor (PS Operă) – Piața Iancului Section
- Connection of the Metro Network to Henri Coandă International Airport (Metro Line 6: 1 Mai – Otopeni)
- Rehabilitation of the Embankment Damaged by Landslide (Natural Calamity) in the Cumpăna Area, Constanța County — Left Bank of the Danube – Black Sea Canal, between km 56+989 (Navigation km 7+421) and km 57+217 (Navigation km 7+193)
- Design and execution of works for the coastal protection system to reduce coastal erosion, Lot 1 – Protection and rehabilitation of the Romanian Black Sea shoreline in the Edighiol and Periboina sluice areas and Lot 4 – Protection and rehabilitation of the shoreline in the Agigea area
- Modernisation of the Apahida – Suceava Railway Line, Subsection 1 (Apahida – Ilva Mică) and Subsection 3 (Pojarâta – Suceava)
- Electrification and Rehabilitation of the Cluj - Napoca – Oradea – Episcopia Bihor Railway Line, Lot 2: Aghireș – Poieni



Expanding Beyond Boundaries

Connect geotechnics and environmental protection expertise with global opportunities, strengthening Geostud European & international position

Collaborate with trusted partners across Europe and beyond through knowledge exchange and best practices

Expand participation in EU and international project and tenders, reinforcing Geostud role as a partner with real impact

Partnership overview

- ✓ **27 countries collaboration**
- ✓ **119 project partners**

Involvement in EU projects and initiatives
– project proposals submitted under:

Horizon Europe

EIT RawMaterial

EIT Water

MSCA

Biodiversa+

LIFE

Interreg Europe



COUNTRIES INVOLVED IN PROJECTS

Romania
Bulgaria
Italy
Switzerland
Croatia
Serbia
Tunisia
Ukraine
France
Moldova
Portugal
Germany
Slovakia
Hungary
Austria
Ireland
Greece
England
Finland
Spain
China
Turkey
Slovenia
Czechia
Montenegro
Bosnia and Herzegovina





Geostud has been recognized by the European Commission as part of the EU Mission 'Restore our Oceans and Waters by 2030'

International projects involvement

1. DAWETREST	2023-2027	46 partners	12 countries	9.10M EUR
2. DANSER	2025-2028	36 partners	8 countries	9.15M EUR
3. SWIM	2025-2029	42 partners	10 countries	8.4M EUR
4. DANUBIUS-RO	2024-2029	30 partners	16 countries	128.6M EUR
5. C-MINETECH	2025-2026	5 partners	3 countries	1.5 M EUR
6. INSTANT	2026-2029	9 partners	5 countries	1.9 M EUR
7. I-TEXGEO	2026-2030	14 partners	7 countries	1.7M EUR





DaWetRest



DaWetRest (Danube Wetlands and Floodplains Restoration through Systemic, Community-Engaged and Sustainable Innovative Actions)

- ✓ Developing and testing innovative solutions to restore and strengthen Danube wetlands, focusing on biodiversity, water quality, climate resilience and socio-economic benefits
- ✓ Applying community-validated interventions and advanced digital tools across three demonstration sites



DANSER



DANSER (DANube SEdiment Restoration: towards the deployment and upscaling of sustainable management of the sediments across the Danube catchment basin

- ✓ Addressing critical sediment management in the Danube through advanced technologies, integrated monitoring, and innovative nature-based solutions to improve biodiversity and water quality
- ✓ Combining pilot validation with large-scale implementation, supported by a digital knowledge platform
- ✓ Engaging transnational stakeholders to restore sediment balance, strengthen climate resilience and foster sustainable local economies





SWIM

Sustainable Water and Integrated Management of fish migration and their habitats in the Danube river basin and NW Black Sea

- ✓ The project aims to restore, protect, and enhance habitats for migratory fish species in the Danube River basin and the north-western region of the Black Sea.
- ✓ The main challenges addressed include habitat connectivity, habitat quality and conservation, the health of aquatic ecosystems, and socio-economic benefits for local communities.
- ✓ Through seven pilot sites and thirteen specific activities, SWIM implements innovative, sustainable, and scalable solutions.





DANUBIUS-RO

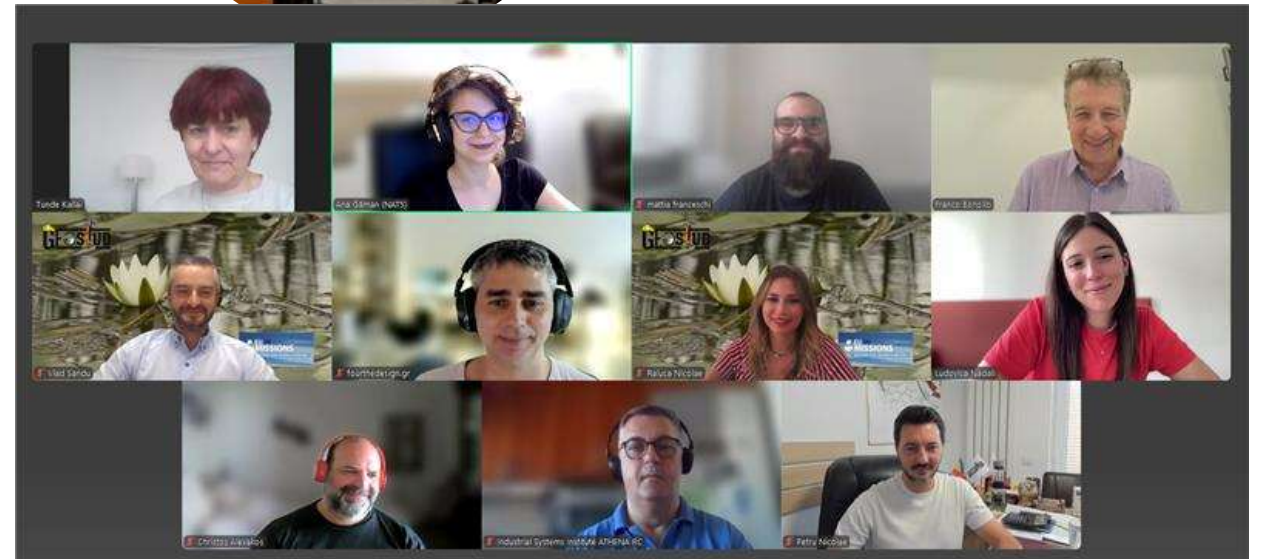
- ✓ Positioning Romania as a leader in the pan-European DANUBIUS-RI through a national hub with 17 advanced laboratories for river–sea ecosystem research and sustainable resource management
- ✓ Leveraging research and innovation in collaboration with center of research and SMEs
- ✓ Transferring solutions into the economy to foster environmental protection and circular economy development





Immersive education for zero Raw Materials waste and CE

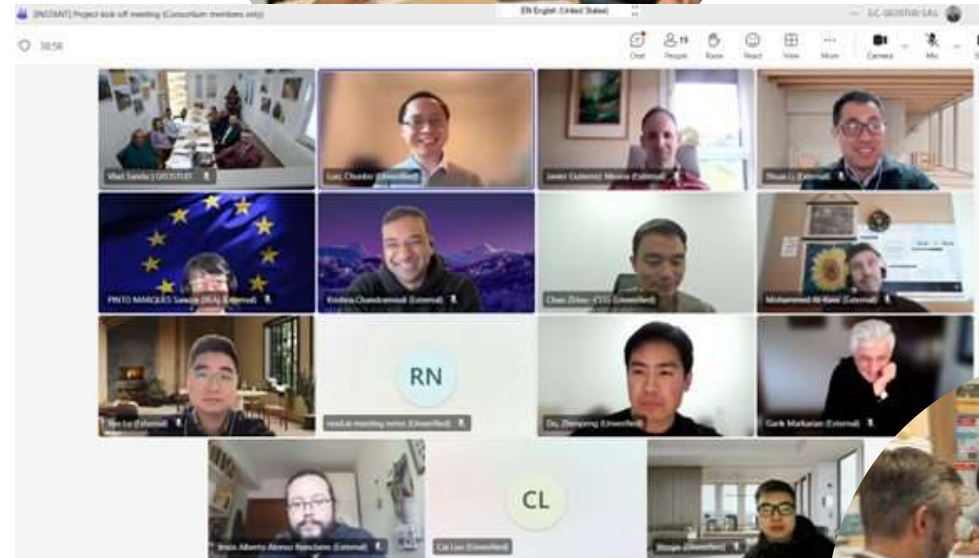
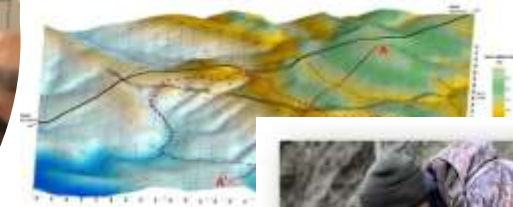
- ✓ Transforming the raw materials sector in Romania, Greece, and Italy through VR and digital twins to enhance recycling, resource efficiency, and sustainability across the value chain
- ✓ Building technical skills and cross-sector synergies via immersive courses, pilot programs, and entrepreneurial training
- ✓ Strengthening the circular economy, with a special focus on the automotive industry



INSTANT

Intelligent and Sustainable IoT networks for Accurate and Real-Time Large-Scale Landslide Monitoring and Prediction

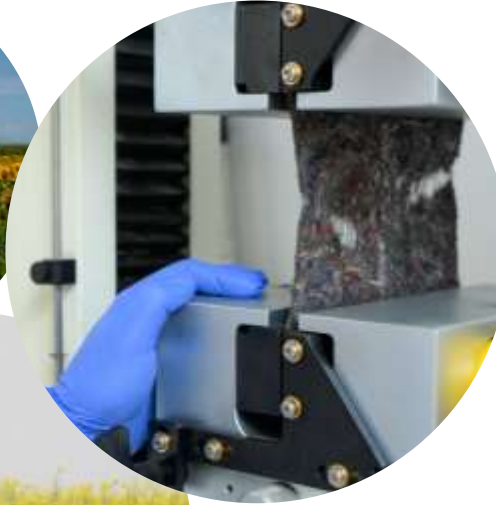
- ✓ Developing an intelligent, sustainable IoT network for real-time monitoring and trustworthy prediction of large-scale landslides, uniting leading partners from six countries
- ✓ Combining advanced technologies such as reconfigurable intelligent surfaces, ultra-low latency networking, explainable AI/ML and integrated sensing systems
- ✓ Advancing European leadership in digital technologies, environmental monitoring, climate adaptation, research and training.



I-TEXGEO

IoT Supported Electronic Geotextiles for Sustainable and Smart Precision Agriculture

- ✓ Developing an innovative IoT-enabled geotextile sensor network to monitor soil parameters (moisture, temperature, nutrients, pH) and optimize precision agriculture, soil health, and sustainable crop growth
- ✓ Combining biodegradable geotextile structures with advanced sensing and real-world testing across Europe, Tunisia, and Turkey
- ✓ Fostering interdisciplinary collaboration to deliver sustainable smart farming solutions for farmers, scientists, policymakers and society.



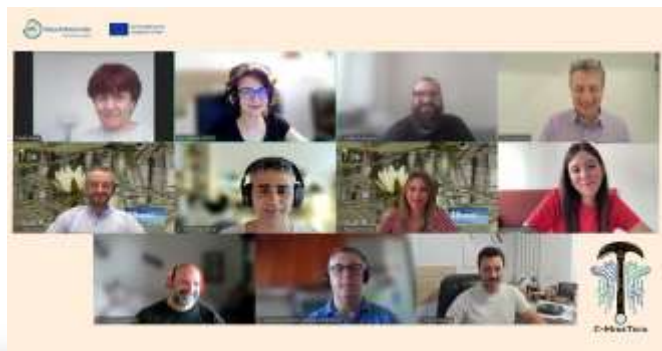
THE 3D INITIATIVE DECARBONIZING DANUBE DELTA





Objectives:

- ✓ Biodiversity monitoring and conservation
- ✓ Environmental education
- ✓ Wildlife Rehabilitation Center
- ✓ Natura5 Academy



International cooperation, strategic partnerships

DANSER	2025-2028	36 partners	8 countries	9.15 M EUR
SWIM	2025-2029	42 partners	10 countries	8.4 M EUR
C-MineTech	2025-2026	5 partners	3 countries	1.5 M EUR
I-TEXGEO	2026-2030	14 partners	7 countries	1.7M EUR





Geotechnical innovation and excellence association

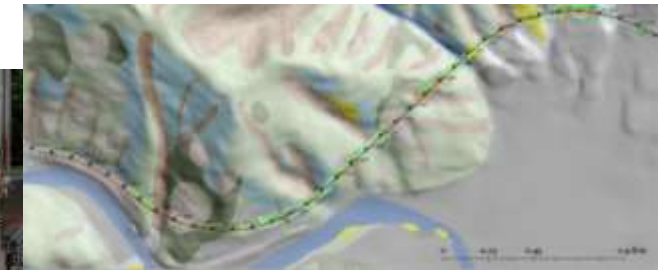
Objectives:

- ✓ Shaping and developing professionals in geotechnical field
- ✓ Promoting scientific and educational programs
- ✓ Fostering national and international knowledge exchange through strategic partnerships



Upcoming projects:

- ✓ Geoethics: knowledge and practical application
- ✓ AIEG Academy



National and global recognition



AUTHORIZATIONS, CERTIFICATIONS AND ACCREDITATIONS

- Certificate of Attestation as certified expert - main level for the elaboration of the following environmental studies: RIM-3, RIM-11a, RIM-11b, RA-7, RA-11a, RA-11b, RM-11a, RM-13b, BM-11a, BM-5, EA, EGCA, EGZA, EGSC, MB, issued by the Environmental Association 1998 - ARM 1998
- Environmental Laboratory Accreditation Certificate, issued by the Romanian Accreditation Association RENAR
- AFER Authorization for Testing Laboratory Grade II - issued by the Romanian Railway Authority - AFER
- Authorization for Grade II Laboratory of Analysis and Testing in Constructions, issued by the State Inspectorate for Constructions
- RENAR Accreditation Certificate - for Grade II Laboratory of Analysis and Testing in Constructions
- Certificate on the implementation of the quality management system SR EN ISO 9001:2015, issued by the Romanian Society for Quality Assurance (SRAC)
- Certificate on the implementation of the occupational health and safety management system SR EN ISO 45001:2015, issued by the Romanian Society for Quality Assurance (SRAC)
- Certificate regarding the implementation and maintenance of an anti-bribery management system in accordance with the requirements of SR ISO 37001:2017
- Railway Supplier Authorization for design, consultancy and technical expertise; impact studies and monitoring of environmental factors; geotechnical, hydrogeological and geophysical studies in the railway and metro infrastructure field, issued by the Romanian Railway Authority – AFER
- Technical Approval as a Railway Supplier for the design of environmental protection works related to the construction and strengthening of earthworks and engineering structures
- Railway Technical Agency for design, consultancy and technical expertise in the railway and metro infrastructure field, Romanian Railway Authority - AFER
- Technical Railway Agreement for developing impact studies and environmental factor monitoring studies in the railway and metro infrastructure field, issued by the Romanian Railway Authority – AFER
- Technical Railway Agreement for developing geotechnical, hydrogeological, and geophysical studies in the railway and metro infrastructure field, issued by the Romanian Railway Authority – AFER

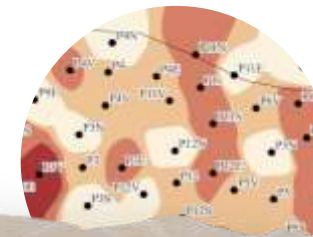
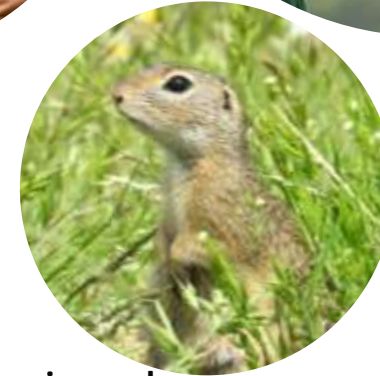
A woman with blonde hair, wearing a dark grey knit beanie with a small white logo, a brown jacket, and dark green gloves, is holding a large telephoto lens with a camouflage pattern. She is looking through the lens in a snowy, outdoor setting. The background is a soft-focus snow-covered landscape. The bottom of the image features a green, textured graphic element resembling a leaf or a map.

Environmental Department Services

ENVIRONMENTAL DEPARTMENT

ENVIRONMENTAL STUDIES

- Environmental Impact Assessment Reports (EIA)
- Adequate Evaluation Studies
- Environmental Impact Assessment Studies on Surface Water Bodies
- Baseline Reports
- Baseline Assessments Studies
- Environmental Audit
- Strategic Environmental Assessment (SEA)
- Noise maps – modeling of noise levels
- Planning and implementation of soil and groundwater remediation projects
- Identification of air and soil pollutants and spatial modeling of their distribution
- Identification and implementation of optimal remediation methods for contaminated sites
- Remote Sensing Techniques (Multispectral Analysis, LiDAR, etc.)
- Development of Environmental Management Plans and related databases
- Development and implementation of measures for maintaining and improving the conservation status of species and habitats, with a focus on species of conservation interest
- Identification and assessment of pressures and threats
- Identification and mapping of the distribution of habitats, flora and fauna species, and of pressures and threats
- Permeability analyses and modeling ecological corridors for fauna species
- Analysis and evaluation of Specific Conservation Objectives
- Environmental Baseline and Clouseout Study



ENVIRONMENTAL DEPARTMENT

ENVIRONMENTAL ANALYSIS LABORATORY

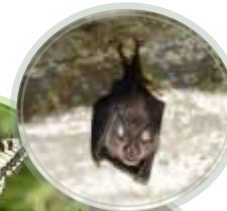
- Water quality monitoring (Surface water, Groundwater, Wastewater)
- Air quality monitoring (Emissions, Immissions, VOCs)
- Soil quality monitoring
- Noise level monitoring
- Microbiological analysis for water and soil
- Determination of pollutant concentrations in sediments and biota
- Measurement of light penetration in aquatic environments (Photosynthetically Active Radiation – PAR)
- Measurement of marine current dynamics



ENVIRONMENTAL DEPARTMENT

ENVIRONMENTAL REPORTS

- Monitoring reports on biodiversity components
- Monitoring reports on the quality of abiotic environmental factors (water, air, soil, and noise)
- Monitoring and assessment of the conservation status of biodiversity components (Plants/ Habitats, Invertebrates, Ichthyofauna, Herpetofauna, Avifauna, Mammals, Chiropterans)
- Inventory and mapping of habitat and species distribution, including invasive species
- Remote sensing techniques (Multispectral analysis, LiDAR, etc.)
- Assessment of the dynamics and evolution of species and habitats



ENVIRONMENTAL DEPARTMENT

CLIMATE CHANGE AND CIRCULAR ECONOMY

- Climate change studies
- Climate change vulnerability and risk assessment
- Climate change resilience and adaptation measures
- Project evaluation for compliance with the “Do No Significant Harm” (DNSH) principle
- Development and implementation of decarbonization strategies
- Analysis of Land Use, Land-Use Change, and Forestry (LULUCF) effects
- Greenhouse Gas (GHG) emissions analysis
- Evaluation and promotion of circular economy practices



ENVIRONMENTAL DEPARTMENT - Major National Projects

- Târgu-Neamț - Iași - Ungheni Motorway (A8)
- Sibiu - Pitești Motorway, Sections 2, 3 and 5
- Metropolitan Train Gilău – Florești – Cluj-Napoca – Baciú – Apahida – Jucu – Bonțida – Phase I of the Cluj Metropolitan Rapid Transit System: Metro Line I and Metropolitan Train, including the connection between them and related studies for future investment objectives
- Rehabilitation of the Craiova – Drobeta Turnu Severin – Caransebeș Railway Line, Part of the Orient/East - Mediterranean Corridor
- Rehabilitation of the Frontier – Curtici – Simeria Railway Line, Part of the Pan - European Corridor IV, for train operations at speeds up to 160 km/h, Sections 2 and 3
- Design and execution of works for the coastal protection system to reduce coastal erosion, Lot 1 – Protection and rehabilitation of the Romanian Black Sea shoreline in the Edighiol and Periboina sluice areas and Lot 4 – Protection and rehabilitation of the shoreline in the Agigea area
- Modernisation of the Apahida – Suceava Railway Line, Subsection 1 (Apahida – Ilva Mică) and Subsection 3 (Pojorâta – Suceava)
- Electrification and Rehabilitation of the Cluj - Napoca – Oradea – Episcopia Bihor Railway Line, Lot 2: Aghireș – Poieni
- Lugoj – Deva Motorway (A1)
- Ploiești – Siret Motorway (A7), Sections: Ploiești – Buzău, Buzău – Focșani, and Focșani – Bacău
- Galați-Brăila Regional Airport
- Metro Line 5 (Drumul Taberei – Pantelimon), Eroilor (PS Operă) – Piața Iancului Section
- Connection of the Metro Network to Henri Coandă International Airport (Metro Line 6: 1 Mai – Otopeni)
- Satu Mare Municipality Bypass
- Noise Level Measurements at the 45 MW Wind Farm in Dorobanțu, Constanța County
- Increasing Energy Efficiency through the Rehabilitation, Consolidation, and Equipment of the Strehaia Town Hall Building
- Mobility Project for the Municipality of Caracal, Ilt County
- Supporting Investments in the Development of Energy Storage Capacities (Batteries)
- Modernisation of the Predeal – Brașov Railway Section



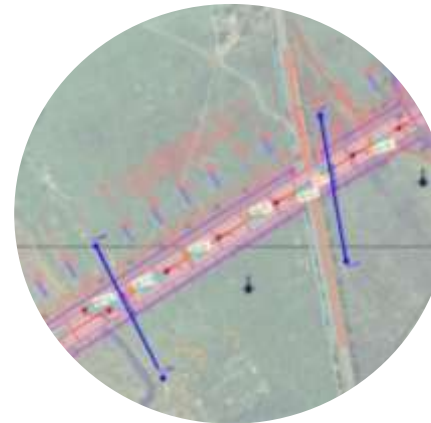


Geotechnical Department

GEOTECHNICAL DEPARTMENT

GEOTECHNICAL STUDIES

- **Geotechnical studies for:**
 - Civil and industrial construction projects
 - Roads
 - Bridges
 - Railways
 - Airports
 - Wind farms
 - Navigable canals
 - Tunnels
 - Hydrotechnical constructions
 - Earth mass stability
- **Hydrogeological studies**
- **Geophysical studies (electrometrical and seismical)**
- **Geological studies**
- **Studies on quality control of construction works on site**
- **GIS modeling**
- **Thematic maps**
- **Impact/hazard modeling for landslides**
- **Settlement analysis of foundation soils**
- **Stability analysis of soil/rock masses**
- **Calculation of Bearing capacity of piles**
- **Consolidation and settlement calculations of soil masses**
- **Geotechnical design (piles, retaining walls, special foundations, etc.)**



GEOTECHNICAL DEPARTMENT

IN SITU INVESTIGATIONS

- Static Cone Penetration Testing with Pore Water Pressure Measurement (CPTu) and Seismic Cone Penetration Test (SCPTu)
- Dynamic Cone Penetration Tests (DPL, DPM, DPH, DPSH-A, DPSH-B)
- Determination of the Bearing Capacity of the Embankment Using the Static Plate Load Test (Lukas)
- MASW seismic measurements (Multichannel Analysis of Surface Waves)
- Crosshole Sonic Logging seismic measurements
- Downhole seismic measurements
- California Bearing Ratio (CBR) determination
- Electrical Resistivity Imaging (ERI) and Induced Polarization (IP-Induced Polarization) geoelectric measurements
- Piezometric measurements
- Physical methods for monitoring soil mass deformations (Inclinometric Method)
- Light dynamic deflectometer (LWD)
- Vane test
- Pocket penetrometer test
- Deflectometric determination of Bearing capacity of roads for flexible and semi-rigid road structures using the Benkelman beam deflectometer
- Dilatometer testing
- Determination of the linear deformation modulus by in situ tests with the plate



GEOTECHNICAL DEPARTMENT

LABORATORY FOR TESTING AND ANALYSIS IN CONSTRUCTION

SOILS TESTS

- Triaxial compression tests – Consolidated Drained (CD) and Consolidated Undrained (CU)
- Direct shear tests
- Unconfined compression tests
- Standard/Modified Proctor test
- Determination of the physical and mechanical properties of expansive and shrinkable soils
- Determination of swelling pressure
- Determination of water content
- Determination of bulk density – Mould sampling method and Immersion in fluid method
- Determination of particle density – Pycnometer method
- Determination of particle size distribution
 - Sieve analysis method
 - Combined method (sieving and sedimentation) for soils with wide grain size limits (e.g., clayey sand, silty sand, etc.)
 - Sedimentation method for soils with grains smaller than 0.063 mm
- In-situ bulk density determination – Volume determination using water and plastic foil method
- Determination of Atterberg limits:
- Determination of liquid limits – Fall Cone Method, Casagrande Method, and Single Point Method
- Plastic limit determination – Soil thread rolling method and absorbent paper method
- Tests for evaluating the thermal and weathering properties of aggregates



GEOTECHNICAL DEPARTMENT

LABORATORY FOR TESTING AND ANALYSIS IN CONSTRUCTION

ROCK TESTS

- Determination of rock strength
- Triaxial compression test
- Determination of apparent density and bulk density
- Determination of total and open porosity
- Uniaxial compressive strength test
- Tensile strength determination – Brazilian test
- Rock description and classification – petrographic and mineralogical description

GEOSYNTHETIC TESTING

CONFORMITY TESTS – determination of the physical and mechanical properties of geosynthetic materials and comparison of the results with the manufacturer's technical data sheets

TESTS FOR ALL CATEGORIES OF GEOSYNTHETIC MATERIALS

- Determination of Static Puncture Resistance (CBR Test)
- Tensile test for joints/seams by wide-width strip method
- Determination of frictional characteristics (direct shear test)
- Test method for evaluating mechanical damage under repeated loads (damage caused by granular materials)



GEOTECHNICAL DEPARTMENT

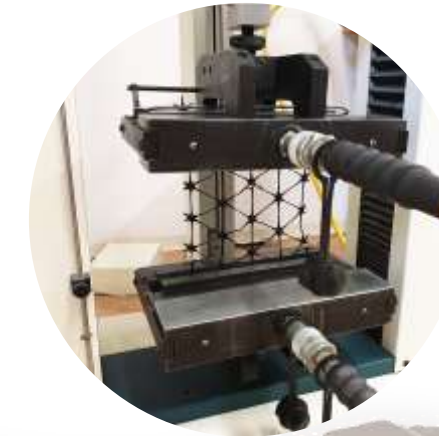
LABORATORY FOR TESTING AND ANALYSIS IN CONSTRUCTION

GEOTEXTILE AND GEOTEXTILE - RELATED PRODUCTS

- Test method for the determination of mass per unit area of geotextiles and geotextile-related products
- Determination of thickness at specified pressures
- Determination of water permeability characteristics normal to the plane, without load
- Test method for determining the (In-plane) water flow rate per unit width and hydraulic transmissivity of a geosynthetic using a constant head
- Standard test method for determining filtering efficiency and flow rate of a geotextile
- Dynamic perforation test (Cone drop test)
- Standard test method for determining the tensile properties of geogrids by the single or multi-rib tensile method
- Evaluation of mechanical damage under repeated tests. Damage caused by granular materials – wear and aging
- Test method for determining the resistance to oxidation
- Performance tests for geosynthetic materials under anticipated site conditions

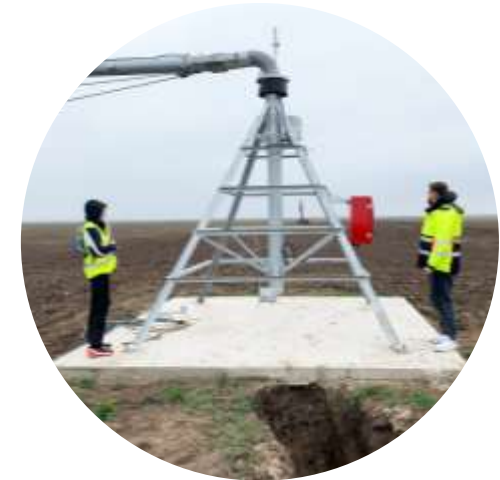
TESTS ON GEOMEMBRANES

- Peel test for the integrity of nonreinforced geomembrane seams made by thermo-fusion
- Direct shear test for the integrity of nonreinforced geomembrane seams made by thermo-fusion
- Wide-width tensile test



GEOTECHNICAL DEPARTMENT - Major National Projects

- Sibiu – Pitești Motorway, Sections 1, 2, 3, and 5
- Ploiești – Siret Motorway (A7), Sections: Ploiești – Buzău, Buzău – Focșani, and Focșani – Bacău
- Târgu Neamț – Iași – Ungheni (A8) Motorway, Sections 1, 2, 3, and 4
- Sibiu – Făgăraș Motorway
- Services for the Rehabilitation of the Curtici – Simeria Railway Line, Part of the Pan-European Corridor IV for Trains Operating at Speeds of up to 160 km/h
- Rehabilitation of the Bucharest – Constanța Railway Line, Sections: Bucharest North – Bucharest Băneasa and Fetești – Constanța
- Cluj-Napoca Metro Line and Metropolitan Train from Gilău – Florești – Cluj-Napoca – Baci – Apahida – Jucu – Bonțida, Including the Connection Between Them
- Metro Line 5 (Drumul Taberei – Pantelimon), Eroilor (PS Operă) – Piața Iancului Section
- Rehabilitation of the Embankment Damaged by Landslide (Natural Calamity) in the Cumpăna Area, Constanța County — Left Bank of the Danube – Black Sea Canal, between km 56+989 (Navigation km 7+421) and km 57+217 (Navigation km 7+193)
- Widening to Four Lanes of the Southern Section of the Bucharest Ring Road between A2 km 23+600 and A1 km 55+520 – Lot I: Development of the CB–DN4 (Oltenița) Road Interchange
- Modernisation of the Bucharest North – Jilava – Giurgiu North – Giurgiu North Border Railway Line
- Rehabilitation of the Craiova – Drobeta Turnu Severin – Caransebeș Railway Line, Part of the Orient/East – Mediterranean Corridor
- Electrification and Rehabilitation of the Cluj – Oradea – Episcopia Bihor Railway Line
- National Road DN66: Filiași – Târgu Jiu – Petroșani
- Târgu Jiu Bypass, Gorj County



EDUCATION AND TRAINING PROGRAMS

Value through action, future through vision

We integrated social responsibility principles across all our activities, fostering education, environmental protection, and sustainable community development.



internship and
traineeship programs

summer schools
for students

practical training stages
for students

employment
opportunities in
sustainable industries



Value Management

We strictly comply with government regulations on safety and health and carry out management activities in a fair and transparent manner.



Compliance and Ethical Management

We comply with all laws and regulations and uphold the principles of business ethics

- ✓ We promote fair and transparent management
- ✓ We ensure a healthy organizational culture and strengthen customer trust
- ✓ We protect individual rights and equally respect the rights of others



Quality Management

We maintain a high level of quality to increase the company's value and customer satisfaction

- ✓ We provide the best services to ensure customer satisfaction
- ✓ We adopt new technologies and attract well-trained employees in their fields of expertise
- ✓ We constantly improve the quality management system



Environmental Management

We shape a long-term vision focused on environmental protection and the responsible management of natural resources

- ✓ We provide the best services to ensure customer satisfaction
- ✓ We adopt new technologies and attract well-trained employees in their fields of expertise
- ✓ We constantly improve the quality management system



Occupational Health and Safety Management

We create a safe and healthy work environment

- ✓ We reduce health and safety risks
- ✓ We establish in advance an occupational health and safety management system
- ✓ We train staff and comply with occupational health and safety legislation



Thank you!
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