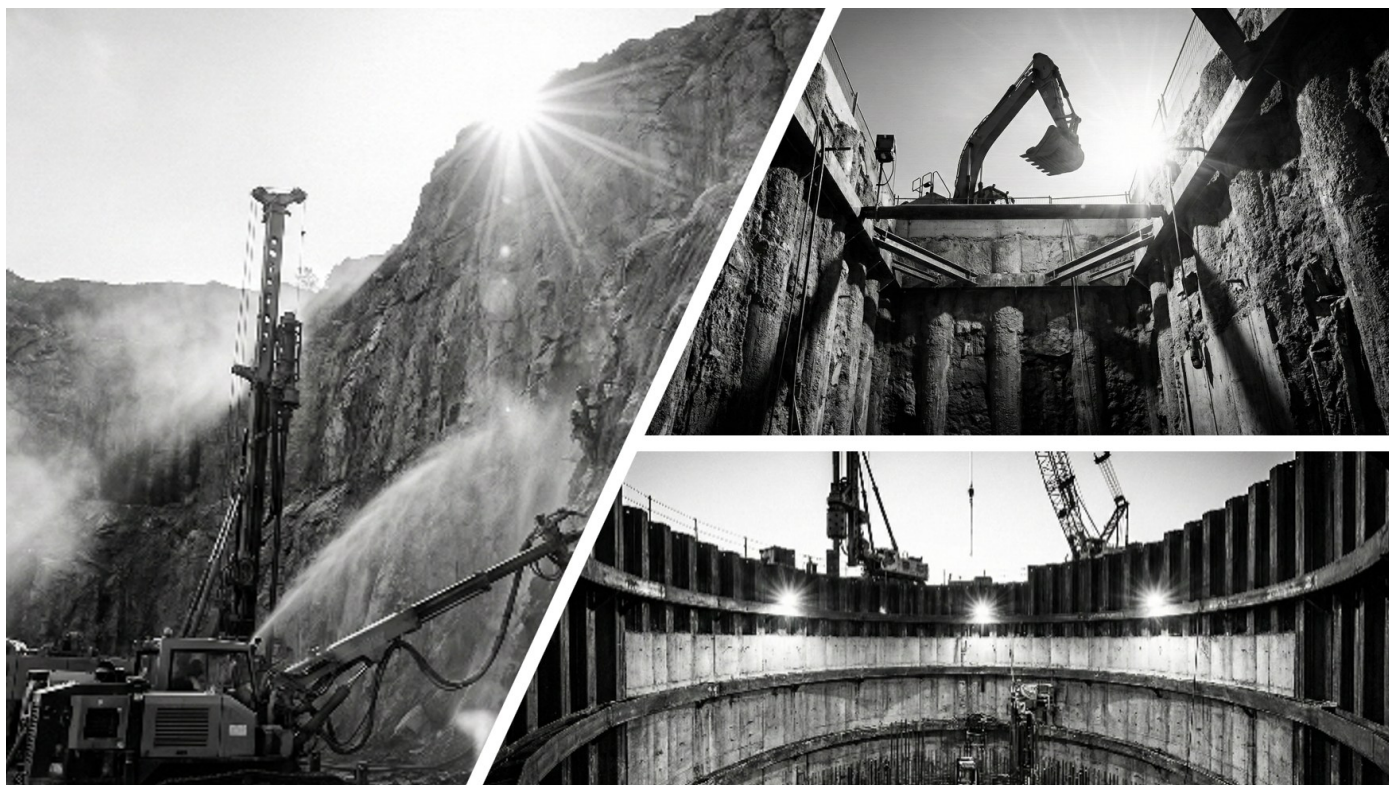




EQUATERRE

GEOTECHNICAL ENGINEERING

Ground is *no longer an obstacle.*

EQUATERRE

INGÉNIERIE GÉOTECHNIQUE

7 areas of expertise

From preliminary study to construction, to secure, optimise and control your building projects.



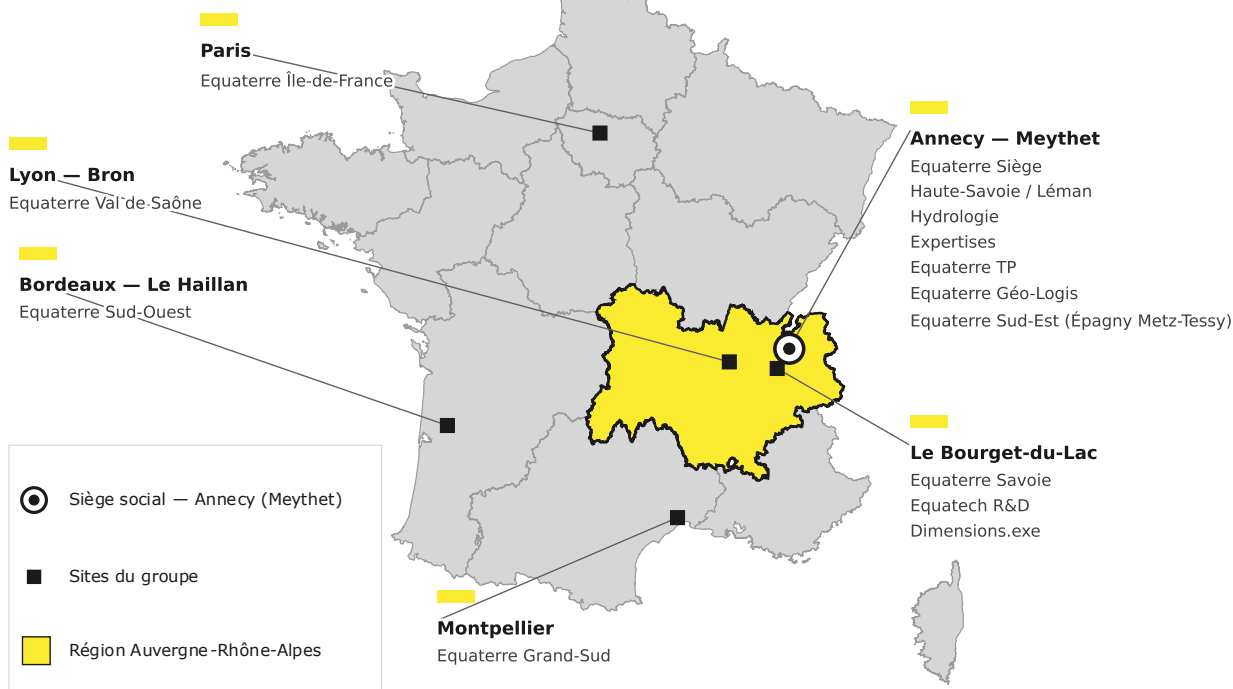
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Our Group

GEOTECHNICAL ENGINEERING ROOTED IN ITS REGION

NOS IMPLANTATIONS

Les sociétés du groupe Equaterre, site par site



Equaterre supports project owners, developers, contractors and local authorities throughout the entire project lifecycle: from feasibility study to construction monitoring, including site investigations, testing and expert assessment.

Historically based in the Alpine arc, the group works on complex projects in difficult ground conditions: compressible soils, unstable slopes, fills, seismic zones and constrained sites.

This field experience is backed by a subsidiary dedicated to research and development, **Equatech.R&D**, which designs its own investigation tools, protected by international patents, and works with French academic laboratories.

This combination of design office, in-house investigation resources and applied research is the group's signature.

30 years

of accumulated field experience

120

employees

14

Branches

€12M

Revenue

Our Values

SCIENTIFIC RIGOUR, PROXIMITY AND INNOVATION

Scientific rigour

Every geotechnical opinion is based on measured data, appropriate tests and well-mastered interpretation methods. Our conclusions are reasoned, reproducible and fully owned.

Field control

Our investigation resources and drilling teams are in-house. We control data quality from site investigation through to the report, with no break in the information chain.

Continuous innovation

We develop our own testing tools and interpretation methods with research laboratories, to address cases that standard practice does not yet cover.

Long-term commitment

We build relationships of trust with our clients and partners, remaining available beyond delivery of the report, right through to completion of the structure.

Understanding the ground before building: the prerequisite for a project controlled in cost, schedule and safety.

Our Services

SEVEN COMPLEMENTARY AREAS OF EXPERTISE

Geotechnical studies

G1 to G5 missions under standard NF P 94-500: feasibility, design, construction, supervision and diagnosis. Design of foundations, earthworks and retaining structures.

Geotechnical project management (A2G)

Design and supervision of geotechnical works: underpinning, stabilisation, retaining walls, drainage. Client assistance through to handover.

Laboratory testing

Identification, mechanical and behaviour tests on undisturbed or remoulded samples, directly supporting field campaigns.

Technical advice

Upstream project support: site selection, optimisation of foundation solutions, technical and economic trade-offs.

Natural hazards (RNAC)

Assessment of landslide, rockfall, clay shrink-swell and seismic hazards. LiDAR mapping, quantification and design of mitigation measures.

Site investigations & in-situ testing

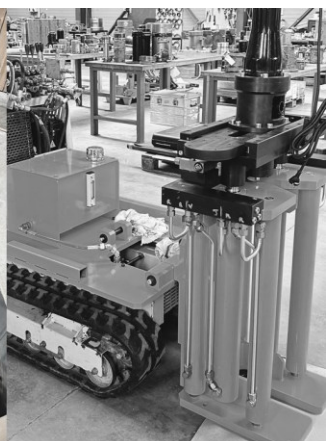
Cored and destructive boreholes, geophysical surveys, static and dynamic penetrometer tests, pressuremeter tests, piezometry and monitoring instrumentation.

Expert assessment & diagnosis

Analysis of defects, damage claims and structural pathologies. Root-cause investigation, technical opinion and design of repair solutions.

A complete chain

Investigations, laboratory, calculations and applied research brought together in one organisation: a single point of contact, continuous data.



Our Resources

WELL-MASTERED EQUIPMENT, FROM DRILLING RIG TO LABORATORY



Soil investigation, testing and measurement.

Cored and destructive drilling, undisturbed sampling, borehole testing and piezometer installation. Drilling teams and design engineers work hand in hand on every campaign.

Static cone penetrometer (CPT/CPTU), dynamic penetrometer, pressuremeter test (PMT), plate load tests and site instrumentation. Pore pressure measurement makes it possible to address fine-grained soils and saturated ground.

Equipment we also design

Through Equatech.R&D, Equaterre develops its own testing devices — notably Stato-Dynamic Penetrometers — to access parameters that conventional tests do not provide: cyclic behaviour, dynamic response, soil liquefaction.

Research & Innovation

RESEARCH SERVING GEOTECHNICAL ENGINEERING

Geotechnics advances when measurement advances. This is the founding principle of **Equatech.R&D**, the group's research and development subsidiary: turning questions raised on construction sites into research programmes, and then into usable tools and methods.

Our work focuses on in-situ test instrumentation, interpretation of penetration signals, cyclic soil behaviour and numerical modelling.



Our vision

Bringing engineering practice and academic research closer together, to remove uncertainties rather than cover them with safety factors.

Research projects

Collaborative programmes and funded PhDs on soil characterisation through penetrometer measurements.

Tools & methods

Development of interpretation methods and digital tools tailored to our field data.

Publications & theses

Dissemination of results at conferences and in journals of the discipline, co-authored with our partners.

Academic partnerships

Structured collaborations with French university laboratories and research institutes.

Testing equipment

Design and industrialisation of proprietary testing instruments, from prototype to routine use.

What we learn through research feeds directly back into our studies: better-measured parameters, more accurate designs, better-understood risks.

Our Partners

A SCIENTIFIC NETWORK AVAILABLE AT EVERY STAGE

Our research programmes are conducted with renowned laboratories, each providing experimental resources that engineering alone cannot bring to bear.

3SR Laboratory — Grenoble

Calibration chamber, CPT testing under controlled conditions and numerical modelling. Main partner, with our researchers present on site.

Université Gustave Eiffel — Nantes

Centrifuge testing: reproducing real stress conditions on reduced-scale models to validate observed mechanisms.

INRAE — Aix-en-Provence

Behaviour of granular soils, internal erosion and embankment structures.



Hosting and training

Every year Equaterre hosts PhD students and internships and takes part in supervising research work. This openness drives the renewal of the group's skills.

Our clients

THEY TRUST US

Private developers

Residential programmes and commercial developments, from land acquisition to delivery.

Public project owners

Local authorities, schools, sports facilities and infrastructure.

Industrial clients

Production sites, logistics platforms, extensions and refurbishment of operating facilities.

Contractors

Support during construction, optimisation of solutions and management of unforeseen conditions.

Major construction groups

Complex projects in consortium, in both design and construction.

Private individuals

Single-family homes, extensions and diagnosis of defects.



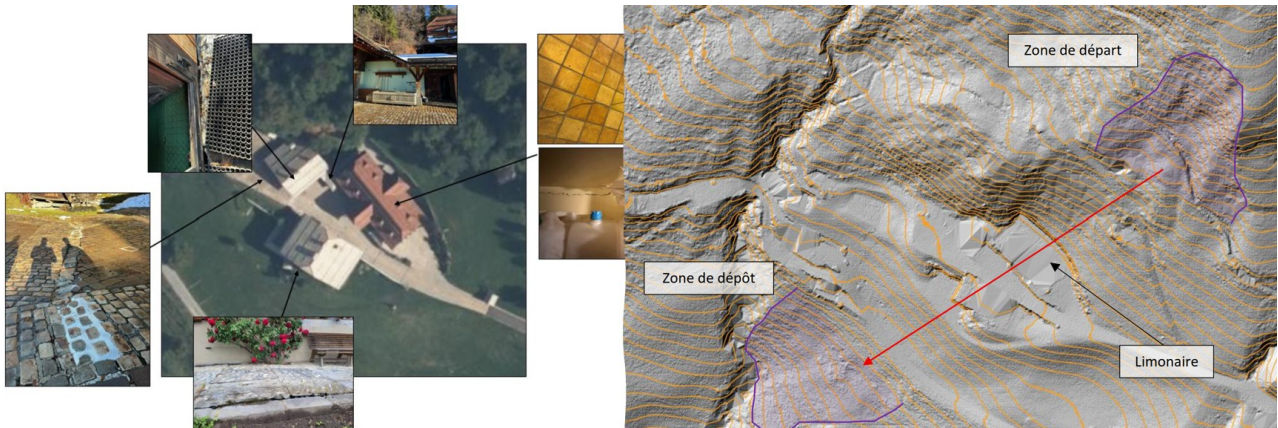
Our References

PROJECTS CARRIED OUT IN DEMANDING GROUND CONDITIONS

Natural Hazards (RNAC)

Samoëns (74)

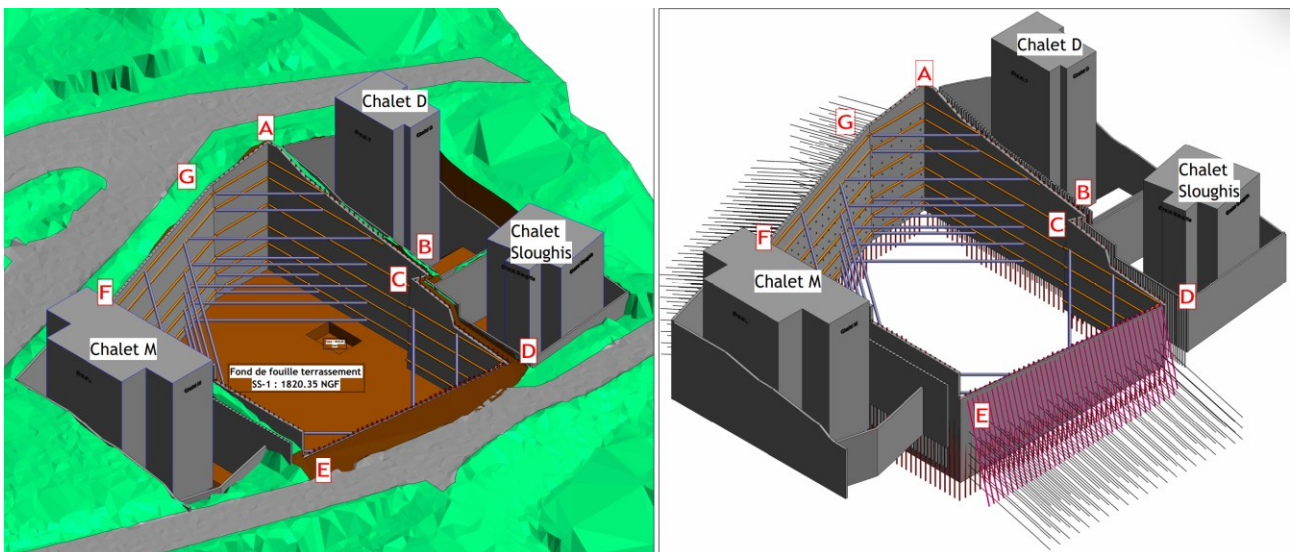
Detection of a historical scarp zone from LiDAR imagery.



Geotechnical project management (A2G)

Courchevel (73)

Design and supervision of geotechnical works, and management of Geotechnical Influence Zones.



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EQUATERRE

INGÉNIERIE GÉOTECHNIQUE

**Geotechnical engineering
serving your ambitions**