

 **Geos**

A subsidiary of

 **INGÉROP**  
*Inventons demain*



# CIVIL ENGINEERING AND STRUCTURES

- Tunnels and Galleries
- Cut-and-cover Tunnels and Underground Works
- Buildings and Complex Structures
- Public Utilities Infrastructures
- Earthquake Engineering
- Bridges and Transportation Structures



■ Lötschberg railway tunnel  
Ferden access tunnel (Switzerland)  
Design and project management

■ Usses Viaduct on  
A41N highway (France)  
Advisory services  
to client



■ Chouilly sewage  
transfer tunnel,  
St Genis-Pouilly (France)  
Design and project  
management

■ Mont Sion tunnel on  
A41N highway (France)  
Advisory services  
to client



■ MAGESI  
Malley Renens  
(Switzerland)  
Design and project  
management

■ Allondon bridge  
rehabilitation  
(Switzerland)  
Design and project  
management



■ CFF railway carriage  
washing center  
(Switzerland)  
Design and project  
management

■ TEMTRADE  
Chambésy  
(Switzerland)  
Design and project  
management



■ Works for an offshore  
pipeline landing  
(Switzerland)  
Design and project  
management



■ Lötschberg railway tunnel (Switzerland)  
Design and project management





# ENVIRONMENTAL ENGINEERING

- Environmental Audits
- Assessment and Remediation of Contaminated Sites
- Environmental Waste Management
- Environment Impact Studies
- Geological and Hydrogeological Studies
- Environmental and Health Hazard Studies

■ Transjurane highway (Switzerland)  
Geotechnical studies

■ Anchored walls at Troinex on the A41N highway (France)  
Advisory services to client



■ Noiret cut-and-cover tunnel on A41N highway (France)  
Advisory services to client

■ «Pont de l'Eglise» Tunnel in Reyvroz (France)  
Detailed design and construction drawings



■ Tuileries water treatment facility (Switzerland)  
Geotechnical studies  
Design and project management

■ Great Man Made River Project (Libya)  
Geotechnical studies



■ Bored piles with a hollow auger

■ GEOSTAB Software developed by GEOS for analysis and design of slopes



■ Coynelle section of the A51 highway, Col du Fau (France)  
Detailed design and construction drawings



■ Montessuit underground parking Annemasse (France)  
Preliminary design



# GEOTECHNICAL ENGINEERING

- Geotechnics for Transportation Infrastructures
- Foundations and Retaining Structures
- Underground Structures
- Natural Hazards
- Geoenvironmental Engineering
- Software Development



# HYDRAULIC ENGINEERING

- River Engineering
- Hydropower Schemes
- Urban Water Systems
- River Renaturation
- Dams and River Dikes
- Hydraulic Expertise



■ Intermunicipal wastewater and stormwater master plan  
Lancy (Switzerland)

■ Fish ladder on the  
Allondon River  
(Switzerland)  
Design and project  
management



■ Fish ladder at  
Verbois dam  
(Switzerland)  
Design and project  
management

■ Offshore water intake  
in lake Geneva  
(Switzerland)  
Design and project  
management



■ Vessy dam on  
the Arve River  
(Switzerland)  
Design and project  
management



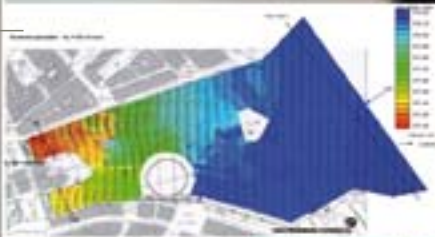
■ Dam on  
the Sure River  
(Luxembourg)  
Diagnostic and  
safety study



■ Vessy hydropower  
plant (Switzerland)  
Design and project  
management



■ Flow field  
modeling of  
Rhône River



■ Grevenmacher  
navigation lock  
on the Moselle River  
(Luxembourg)  
Safety studies



■ Turbo-generator set  
of Vessy hydro-  
power plant  
(Switzerland)  
Design and project  
management



■ Offshore pipeline  
in lake Geneva  
(Switzerland)  
Design and project  
management



■ Arc River bank protection works  
in Montricher (France)  
Expert advice and project management

GEOS, a company founded in 1976, is a member of the INGÉROP Group, a well established private and independent French consulting engineering firm.

GEOS is a consulting engineering firm specialised in Civil Engineering Services, Underground Works, Structures, Geotechnics, Hydraulics and Environmental Engineering.

### Human resources

GEOS brings together about forty professionals in four offices.

GEOS has the professional capacity to study and design structures whose behaviour depends on both soil and water.

### Services

- Diagnostics
- Audits, Expert Advice
- Feasibility Studies
- Advisory Services to Client

### Technical resources

GEOS has the necessary technical capabilities to provide quality engineering services.

GEOS has developed its activities by combining the specific professional capacities of the various offices with a fully integrated and networked ability to share them within the firm.

GEOS develops and commercializes its own geotechnical engineering software.

- Project Management
- Design
- Detailed Design & Construction Drawings
- Construction Supervision



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