
Project References 2009-2021

Hydrofrac Stress Testing for Tunneling and Caverns

2021

- Railway Connection Gelnhausen - Fulda (cont.), Germany
 - Twenthe-Rijn Brinefield, Netherlands
 - MTRC Contract No. NEX1079: Ground Investigation for Tung Chung Line Extension, Hong Kong
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2020

- S10 Mühlviertler Highway, Austria
 - Railway Connection Gelnhausen - Fulda, Germany
 - Schweizer Salinen Rütihard, Switzerland
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2019

- SuedLink-Project / Germany
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2016

- Karavanke Tunnel Project, Slovenia
 - DSD Contract No. DC/2015/01: Relocation of Sha Tin Sewage Treatment Works to Cavern, Hong Kong
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2014

- Rosenbergstunnel St. Gallen, Switzerland
 - Agua Negra Tunnel Project, Argentina/Chile
 - Trunk Road T2 and Infrastructure at South Apron, Hong Kong
-

2013

- Neue Axenstrasse, Switzerland
- SBB Bözbergtunnel, Switzerland

2012

- Kerenzerberg Tunnel Project, Switzerland
- Brenner Base Tunnel Project, Italy

2011

- Brenner Base Tunnel Project, Austria

2010

- Divaca - Koper Tunnel Project, Slovenia
- L.A.V. «Y» VASCO Tunnel Construction Project, Spain

2009

- Tunneling Project NEX/2209, Hong Kong
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Hydrofrac Stress Testing for Hydro Power Projects

2021

- Hatta Pumped Storage Hydropower Project (Phase II), UAE
 - Conso-II Hydropower Project, Spain
 - Lesotho Highland Water Project, Polihali Transfer Tunnel, Kingdom of Lesotho
-

2020

- Hatta Pumped Storage Hydropower Project (Phase I), UAE
 - Paldiski Pumped Hydro-Energy Storage Project, Estonia
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2019

- Sahofica Hydro Power Project, Madagascar
 - Untere Tuxbachüberleitung Hydro Power Project, Austria
 - Bakum Capacity Expansion Project, Malaysia
-

2018

- Alto Maipo Hydro Power Project Phase IX-X, Chile
 - Chira Soria Hydro Power Project, Canary Island
 - Upper Tamakoshi Hydroelectric Project Phase III and IV, Nepal
 - Brommat Hydroelectric Project, France
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2017

- Alto Maipo Hydro Power Project Phase VII-VIII, Chile
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2016

- Alto Maipo Hydro Power Project Phase III - VI, Chile
 - Alto Maipo Hydro Power Project - Deep Boreholes Phase I + II, Chile
 - Vallecito Hydro Power Project, Chile
 - Devoll Hydro Power Project Phase II - IV, Albania
 - El Molino Hydro Power Project, Columbia
 - Zentrale Ritom Project, Switzerland
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2015

- Koromkheti Hydro Power Project, Georgia
- Alto Maipo Hydro Power Project Phase I + II, Chile
- Devoll Hydro Power Project Phase I, Albania

- Rapay Hydro Power Project, Peru
 - Xe-Pian - Xe-Namnoy Hydroelectric Power Project, Laos
 - Upper Tamakoshi Hydroelectric Project Phase II, Nepal
 - San Miguel Hydro Power Project, Columbia
 - Shuakhevi Hydro Power Project Phase II, Georgia
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2014

- Quitaracsa-1 Hydro Power Project Phase V, Peru
 - Muchinga Hydro Power Project, Zambia
 - Shuakhevi Hydro Power Project Phase I, Georgia
 - Upper Tamakoshi Hydroelectric Project Phase I, Nepal
 - Hydro Power Project Rhône Phase II, Schweiz
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2013

- Quitaracsa-1 Hydro Power Project Phase IV, Peru
 - Quitaracsa-2 Hydro Power Project, Peru
 - Roudbar Lourestan Pump Storage Project, Iran
 - Kozjak Pump Storage Project, Slovenia
 - Hydropower Project Rhône Phase I, Switzerland
 - El Paso Hydropower Project, Chile
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2012

- Cheves Hydro Power Project Phase II, Peru
 - Quitaracsa-1 Hydro Power Project Phase II and III, Peru
 - Belesaar III - Salas Concha Hydro Power Project, Spain
 - Edrada Dam Hydro Power Project, Spain
 - Lagobianco Hydro Power Project, Switzerland
 - Energiespeicher Riedl Project, Germany
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2011

- Neelum Jehlum Hydro Power Project, Pakistan
 - Xe Pian - Xe Namnoy Hydro Power Project, Laos
 - Cheves Hydro Power Project, Peru.
 - Quitaracsa-1 Hydro Power Project Phase I, Peru
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2010

- Los Condores Hydro Power Project, Chile
- Glendoe Power Tunnel Recovery Project, Scotland
- Ilisu Hydro Power Project, Turkey
- Hydro Power Project Centrales Hidroelectricas Neltume y Choshuenco, Chile

2009

- La Confluencia Hydro Power Project, Chile
 - Hydro Power Project Centrales Hidroelectricas Neltume y Choshuenco, Chile
 - Hydro Power Project Oberhasli Switzerland, Switzerland
 - Hydro Power Project Innertkirchen, Switzerland
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Hydraulic fracturing and further investigations for the development of deep geothermal systems

2015

Hydrofrac Stress Testing in the 2 km Deep Exploration Borehole OTN-1 at Espoo / Helsinki, Finland

2011

Hydrofrac Stress Testing to 1400 m Depth in the Schlattingen-1 Borehole, Switzerland

2008

Hydrofrac Stress Testing in the 2 km Deep Exploration Borehole Blanche I at Olympic Dam Site, Australia

2006 – 2008

Enhanced Geothermal Innovative Network for Europe (ENGINE), France

Hydraulic and Hydrofrac Testing for Mining and Gas Exploitation

2021

- Boulby Mine, UK
-

2020

- Stjernoy Mine, Norway
 - Donskoy (DNK) Ore Mine, Kazakhstan
-

2019

- Tagebau Großsteinberg, Germany
 - Pustynnoe Open-Pit Mine, Kazakhstan
 - Akbakay Underground Mine, Kazakhstan
-

2018

- North Yorkshire Polyhalite Project Phase II and III, UK
-

2017

- North Yorkshire Polyhalite Project (Phase I), UK
-

2016

- Voskhod Oriol Mine, Kazakhstan
-

2013 / 2014

- Salar de Atacama Salt Mine, Chile
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2012

- Salar de Atacama Salt Mine, Chile
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2011

- El Teniente Mine Extension, Chile
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2010

- Suria Salt Mine Extension, Spain
 - Deep Freezing Shaft Project Berezniki - Ust, Russia
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2009

- Saar Coal Mine, Germany
- Sukinda Tata Chromite Mine, India
- Shantikhani Coal Mine, India
- Rampura Agucha Mine, India

Nuclear Energy and Waste

2021

Asse Salt Mine, Germany

- Hydrofrac Stress Testing in Borehole Remlingen-10 (cont.), Remlingen-11, Remlingen-15S1
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2020

Asse Salt Mine, Germany

- Hydrofrac Stress Testing in Borehole Remlingen-10
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2015

Schacht Konrad, Germany

- Hydrofrac Stress and Dilatometer Testing in 2 Boreholes
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2013 – 2014

Asse Salt Mine Shaft 5, Germany

- Hydrofrac Stress Testing in Borehole Remlingen-15
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2011 – 2012

German Nuclear Waste Repository Morsleben, Germany

- Hydrofrac Stress and Permeability Testing in 72 Boreholes
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2011

International Nuclear Waste Disposal Project, Switzerland

- Hydrofrac Stress Testing in Borehole BDS-5 to 200 m Depth
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2010

Hinkley Point Nuclear Power Station Project, UK

- Hydraulic / Hydrofrac Testing in 3 Boreholes to 160 m Depth, UK
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2009

International Nuclear Waste Disposal Project, Switzerland

- Stress and Permeability Testing for the Mont Terri Nuclear Waste Storage Project, Switzerland
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Hydraulic and Hydrofrac Testing for Oil and Gas Storage

2019

- Mandous - Project Fujairah (phase II), UAE
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2017

- Underground Gas Storage Field Bierwang, Germany
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2016

- Mandous - Project Fujairah (phase I), UAE
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2013

- Hontomin Onshore CO₂ Storage Pilot Project, Spain
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2009

- Storage Cavern Project Long Son, Vietnam

Collaboration in scientific projects

2021

- STIMTEC-Project (cont.): In-situ tests for hydraulic characterization, hydraulic stimulation and periodic interference tests in the Reiche Zeche Mine, Freiberg / Germany.
- DAMAST-Project (Dams and Induced Seismicity): In-situ hydraulic fracturing tests at Enguri Dam, Georgia

2020

- GEothermie2020-Project, Switzerland: Hydrofrac-Stress-Testing in Borehole GEO-2

2019

- STIMTEC-Project (cont.): In-situ tests for hydraulic characterization, hydraulic stimulation and periodic interference tests in the Reiche Zeche Mine, Freiberg / Germany.
- In-situ Hydraulic-Fracturing Stress Measurements in the Bedretto Underground Laboratory, Switzerland (cont.)

2018

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- PERMIA Research Project of Geozentrum Nord-Bayern, Germany
- In-situ Hydraulic-Fracturing Stress Measurements in the Bedretto Underground Laboratory, Switzerland

2017

- In-Situ Stimulation and Circulation Project in the Grimsel Underground Laboratory (Phase II), Switzerland
- International Scientific Drilling Program (ICDP) - Koyana Drilling Project, India: Hydraulic Fracturing Stress Measurements in Borehole KFD1 to 2.4 km Depth

2015

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- Fatigue Hydraulic Fracturing (FHF) In-situ Experiment in the Äspö Hard Rock Laboratory, Sweden