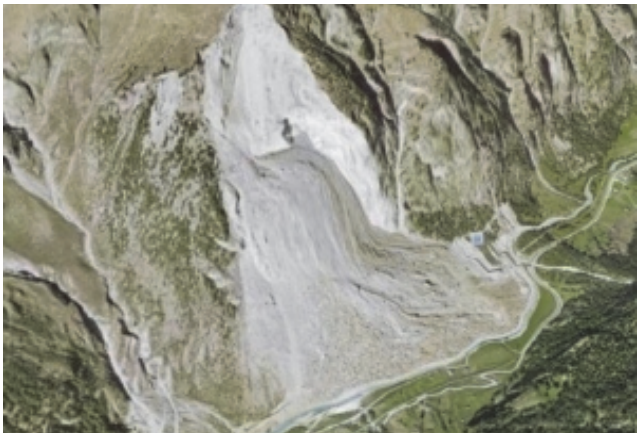
TELEMAC

Geotechnical References



GEOTECHNICAL INSTRUMENTATION & SAFETY MONITORING

References

- · Amsterdam train station - Netherland , 2019
- Bedano - Switzerland , 1997
- · Brammenterminal Rotterdam - Netherlands , 2009
- · Brittanniehaven quay wall - Netherlands , 2010
- · Burj-Al-Arab tower foundations - UAE , 2006
- · Carrire de Lepuix-Gy - France
- · Cerentino Rockslide - Switzerland , 2017
- Chao Hsi landslide - Taiwan , 2004
- · Crissier MMM - Switzerland , 1998
- · Eiblschrofn rock-wall - Austria , 1999
- · EMO Kade quay wall - Netherlands , 2011
- · EPFL MT Building - Switzerland , 1998
- · Eurogate - Switzerland , 2000
- · Euromax terminal pier - Netherlands , 2008
- · Expo 98 anchor monitoring - Portugal , 2003
- · Falaise du Pas de la Reyssole - France
- · Flash mudslide monitoring - Switzerland , 2009
- · Field-scale test of an energy pile - Netherlands , 2018
- Geosciences - Micro model testing - Netherlands, 2016
- Geotextile for soil movements - Australia , 2013
- Harbour of Nazaré - Portugal , 2019
- · I-40 Land Sliding - USA, 2010
- · INTRO, Intelligent Roads - Switzerland , 2007
- · Land slide Val Cavanna monitoring - Switzerland , 2001
- · Landslide La Frasse - Switzerland , 2005
- · Landslide Melide - Switzerland , 2001
- · LAVOC Test - Switzerland , 1997
- · Lugano, via Motta - Switzerland , 1998
- · Monitoring pile testing - Togo , 1997
- · Nordtangente - Switzerland , 2000
- · Oregon weight in motion - USA, 2000
- · Pile testing - Switzerland , 2010
- · Pile testing - Switzerland , 2011
- · Quay wall monitoring HBR Rotterdam - Netherlands , 2009
- · Rotterdam Harbour - Netherlands , 2006
- · Rotterdam harbour deformation monitoring - Netherlands , 2009
- · SBB retaining wall - Switzerland , 1998
- · Sinkhole detection and localizaiton - USA, 2009
- · Sinkhole Monitoring project - USA, 2009
- · Slope retaining wall - Switzerland , 1998
- · St-Laurence Seaway - Canada , 2012
- · Tübingen University MicroPZ - Germany, 2017
- Val Rovana - Switzerland , 1994
- · Wave breaker monitoring, Genova harbor - Italy , 2002
- · Wegerhaus - Switzerland , 1999
- · Wharf in Vanino, Siberia - Russian Federation , 2011

Geotechnical References

GEOTECHNICAL INSTRUMENTATION & SAFETY MONITORING

Case Studies

Rock Anchor Performance Monitoring in Turkey - Turkey , 2016
Randa rockslide - Switzerland , 2008
ITM/SOIL Piles Dynamic testing - UK , 2007
Gradenbach Landslide - Austria , 2007
N12 Motorway, retaining wall - Switzerland , 2007
Infraspeed Slab Movements - Netherlands , 2007
Etiopia pier in Genoa - Italy , 2007
Colombo pier - Italy , 2003
Trento Landslide - Italy , 2003
Rails monitoring - Switzerland , 2002
CKS airport pavement - Taiwan , 2002
Tainan Semiconductor Fab - Taiwan , 2000
San Giorgio Pier - Italy , 2000
UCLA / Caltrans - USA, 1999
Lugano, lake shores - Switzerland , 1998
Horw - Switzerland , 1998

Selected Publications

The PROBEX : Over 25 years of Experience in Measurement of In-Situ Deformability of Rock, Marcil, Green, Baures, 18th International Conference on Soil Mechanics and Geotechnical Engineering, Paris - 2013

SHMLive Web-based Data Management Software, Daniele Inaudi, Geotechnical Instrumentaiton News - -June - 2011

Salt Cavern Monitoring System for Early Warning of Sinkhole Formation, B. Shefchik, R. Tomes, R. Belli, Geotechnical Instrumentation News - -December 2011, pp. 30-33 - 2011

Miniature Fiber-Optic MOMS Piezometer, Carlos Rodrigues, Daniele Inaudi, François Juneau, Eric Pinet , Geotechnical Instrumentation News - -September 2010, page 10-13 - 2010

Distributed Sensors for Underground Deformation Monitoring. Belli and Inaudi, SMAR 2017 conference, Zurich

Distributed Fiber Optic Sensors for Sinkhole Monitoring and Other Geotechnical Applications. Inaudi, Mitteilungen der Geotechnik Schweiz 174, 2017, Olten

Distributed Sensors for Underground Deformation Monitoring. Belli and Inaudi, SMAR 2017 conference, Zurich

Distributed Fiber Optic Sensors for Sinkhole Monitoring and Other Geotechnical Applications. Inaudi, Mitteilungen der Geotechnik Schweiz 174, 2017, Olten

Available in Application Note

- Bridge Instrumentation and Structural Health Monitoring
- Building Instrumentation and Structural Health Monitoring
- Cryogenic Instrumentation & Safety Monitoring
- Dam & Dikes Instrumentation and Safety Monitoring
- FO Leak Detection System for Dams and Dikes
- FO Leak Detection in Process & Chemical Plants
- FO Leak Detection for Pipelines in Foundations
- FO Mining Instrumentation & Site Safety Monitoring
- FO LNG Pipeline Monitoring
- FO LNG Tank Monitoring
- Geothermal Monitoring
- Geotechnical & Structural Instrumentation
- Mining Instrumentation & Site Safety
- Nuclear Power Plants Instrumentation & Safety Monitoring
- Penstocks Instrumentation & Structural Health Monitoring
- Research Structural Health Assesment Systems
- Tunnel Instrumentation & Structural Health Monitoring
- Tailing Dams Monitoring

Telemac SAS
10, avenue Eiffel
77220 Gretz-Armainvilliers,
France

Phone +33 1 64 06 40 80
Fax. +33 1 64 06 40 26

Email info@telemac.fr
Web www.telemac.fr

NOVA METRIX

TELEMAC SAS reserves the right to make any changes in the specifications without prior notice