



## Erich Saurer

**MSc., Dr. sc. ETH Zurich**

**Nationality:** Swiss

**Date of birth:** 30.08.1981

**Languages:** German (native), English (advanced level), French (intermediate level), Spanish (intermediate level)

### EDUCATION

- 2014 Court certified expert in soil mechanics, geotechnical engineering and tunneling, Austria
- 2013 Chartered Engineers Certificate for Austria, Chamber of Architects and Engineers of Austria
- 2009 Dr. sc. ETH Zurich. PhD thesis at the Institute for Geotechnical Engineering at ETH Zurich, Switzerland
- 2006 Dipl. Bau-Ing. ETH (equivalent to MSc ETH), Studies in civil engineering at ETH Zurich focus: structural and geotechnical engineering, Zurich, Switzerland

### SUMMARY OF EXPERIENCE

Dr Erich Saurer is Managing Partner of SKAVA consulting ZT GmbH. He graduated in civil engineering in 2006 from ETH Zurich and worked as a research and teaching assistant at ETH Zurich, where he obtained his PhD in geotechnical engineering in 2009. Since then, he has been involved in many small to large sized geotechnical, tunnel and hydropower projects, such as the Warsaw Metro Line II in Poland, Gotthard and Ceneri Base Tunnels in Switzerland, the Brenner Base Tunnel between Austria and Italy as well as large hydropower projects in Europe and South America. His expertise includes soil and rock mechanics, design of geotechnical structures, including anchored retaining walls, deep excavations, foundations, dams, tunnel, shafts and caverns. He provided specialist advice on design of underground structures and the effects of ground movements using sophisticated numerical methods as well as analytical solutions.

Dr. Erich Saurer is Court Appointed Expert for Geotechnical Engineering, Soil Mechanics, Tunneling and Underground Engineering.

Countries of Experience: Algeria, Austria, Canada, Chile, England, Germany, Italy, Pakistan, Peru, Poland, Switzerland, Slovakia, USA, Uganda.

### WORK EXPERIENCE

- Since 07/2017 Partner at Skava consulting ZT GmbH, Head of branch office Salzburg, Austria
- Since 05/2014 Chartered Civil Engineer, Salzburg, Austria
- 2010 – 2014 Team Lead and Senior Geotechnical Engineer at  
ILF Consulting Engineers ZT GmbH in Rum/Innsbruck, Austria
- 2006 – 2009 Researcher and Teaching Assistant at ETH Zurich, Switzerland

### MEMBERSHIP IN PROFESSIONAL BODIES

- International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)
- Austrian Association of Engineers and Architects (ÖIAV)
- Austrian Society for Geomechanics (ÖGG)
- Swiss geotechnical society (GS)