

Curriculum Vitae

Simon Löw (Loew) has been full Professor of Engineering Geology at the Institute of Geology of the ETH Zurich since 1 September 1996.

Born in 1956, Simon Löw studied geology at the University of Basel (Switzerland). After completing his dissertation in 1985 on the tectonic and metamorphic history of a crystalline nappe in the Alps, he took up a post as project geologist with Motor Columbus Consulting Engineers (today COLENCO/AF Consult), an international consulting company working in the area of energy and environmental technology. In the late 1980 Simon Löw became project leader of several large interdisciplinary projects related to the final storage of nuclear and toxic wastes, large traffic tunnels (NEAT, AlpTransit) and natural hazards. From 1993 to 1996 he was director of the Profit Center “Groundwater Management and Waste Disposal” in the same company.

Research interests of Simon Löw at ETH concern hydro-mechanical processes in fractured rocks at project relevant scales. Major ongoing research projects of his group are related to rock mass behavior of deep tunnels and repositories for nuclear wastes; permeability structure, heat flow and ground water circulation in fractured rocks (especially EGS systems); and formation mechanisms and prediction of larger rocks slope failures. The Chair of Engineering Geology directed by Simon Löw includes 20-25 researchers from geology, rock mechanics and hydrogeology and geophysics.

Simon Löw is strongly linked to the private industry and public administration sectors. He acts as key note lecturer and international expert in the field of deep tunneling, geological waste disposal and slope instabilities. Currently he is president of the Swiss Commission for Nuclear Waste Disposal KNE/EGT.

At ETH Simon Löw is strongly involved in teaching, responsible for the MSc Program majoring in Engineering Geology and the Continued Education Program in Applied Earth Sciences.