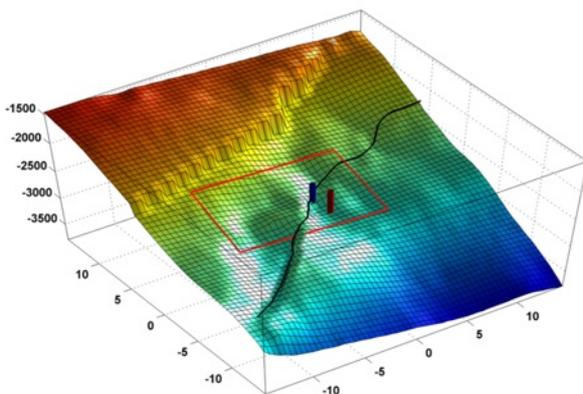




Modelling Studies for hydrothermal projects in the Molasse Basin (Southern Germany)

Q-con was engaged to conduct thermo-hydraulic modelling studies for several hydrothermal projects in the Molasse Basin (South Germany). The studies focussed on the following objectives:

- investigation of the **thermal and hydraulic influence on neighbouring geothermal fields** to clarify mining law issues
- simulation of **the long term performance** of the doublet / triplet plants



The 3-D reservoir models were set up by implementing the geological layers of the Malmkarst aquifer and the surrounding formations as well as the major faults, which were mapped from numerous seismic profiles. The geological models were developed in collaboration with Geotec Consult GbR.

The studies were commissioned by:

- **Stadtwerke München GmbH**
- **Exorka International Ltd**
- **BioEnergie Taufkirchen GmbH**