Research outputs:

**Modelling of multi-lateral well geometries for geothermal applications**  
Research output: Research - peer-review › Journal article – Annual report year: 2018

**A Numerical Study of Fractured Reservoirs’ Productivity Behavior through Coupled Hydromechanical Model**  
Research output: Research - peer-review › Paper – Annual report year: 2018

**A three-dimensional coupled thermo-hydro-mechanical model for deformable fractured geothermal systems**  
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Heat Recovery from Multiple-Fracture Enhanced Geothermal Systems: The Effect of Thermoelastic Fracture Interactions**  
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Investigation on the Productivity Behaviour in Deformable Heterogeneous Fractured Reservoirs**  
Research output: Research - peer-review › Paper – Annual report year: 2018

**Thermoporoelastic effects during heat extraction from low-permeability reservoirs**  
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Effect of Poroelasticity on Hydraulic Fracture Interactions**  
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

**Finite element simulations of interactions between multiple hydraulic fractures in a poroelastic rock**  
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Three-Dimensional poroelastic effects during hydraulic fracturing in permeable rocks**  
Research output: Research - peer-review › Journal article – Annual report year: 2017

**A Fully Coupled XFEM Model for Flow and Deformation in Fractured Porous Media with Explicit Fracture Flow**  
Research output: Research - peer-review › Journal article – Annual report year: 2015

**A Three-Dimensional Numerical Model for Double Porosity Media with Two Miscible Fluids including Geomechanical Response**  
Research output: Research - peer-review › Journal article – Annual report year: 2015

**A three-phase XFEM model for hydraulic fracturing with cohesive crack propagation**  
Research output: Research - peer-review › Journal article – Annual report year: 2015

**Consolidation of unsaturated lumpy clays**  
Research output: Research - peer-review › Journal article – Annual report year: 2014

Projects:

**Numerical modelling of near wellbore flow**  
Project: PhD
Production performance of radial water-jet drilled wells: a modelling and laboratory study
Project: PhD