

# **Fluid circulation in the geothermal field of Tianjin (northeastern China)**

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# Geothermal settings

- Two well system: One deep well (2500m) for thermal heating during winter, one shallow well for cooling during summer
- Air inflow during utilization of the geothermal resource

# Scaling and plugging

- Calcite and carbonate mineral deposition
- Quartz deposition
- Iron Oxydes and Hydroxydes formation and deposition