

RESEARCH AREAS



Citizen Science

Engaging the public
in participatory
monitoring and research

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Geothermal Hydrochemistry

Understanding brine
chemistry and flow
paths for sustainable
multi-use of reservoirs

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Geothermal Energy and Reservoir Technology
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<https://geothermics.agw.kit.edu/english/index.php>

<https://geolab.helmholtz.de/projekt/>



GEOENERGY RESEARCH THAT TRANSFORMS

**Geothermal Energy &
Reservoir Technology**
Institute of Applied Geosciences

INFRASTRUCTURES

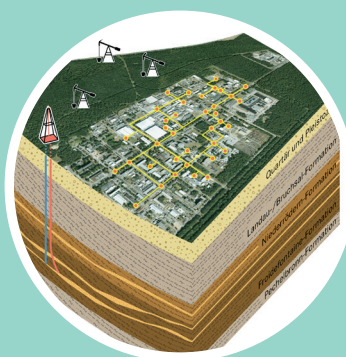


GeoLaB

Unlocking the untapped potential of deep geothermal energy in crystalline rock

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DeepStor

Advancing the energy transition through high-temperature geothermal storage

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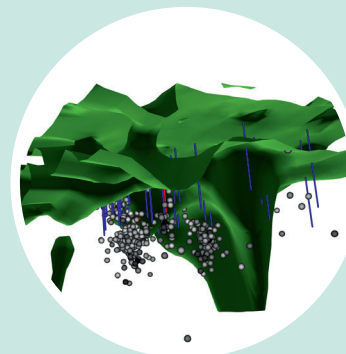


BRIDGE

Harnessing the potential of critical raw material extraction from brines in Germany and Chile

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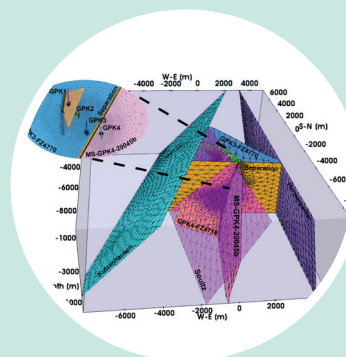


Induced Seismicity

Reducing seismic risks in geothermal energy deployment

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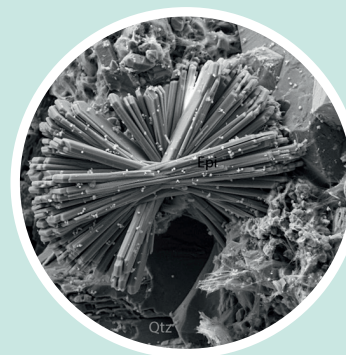
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Reservoir Modeling

Decoding complex processes through numerical simulation

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Reservoir Characterization

Exploring the subsurface to develop sustainable geothermal utilization strategies

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