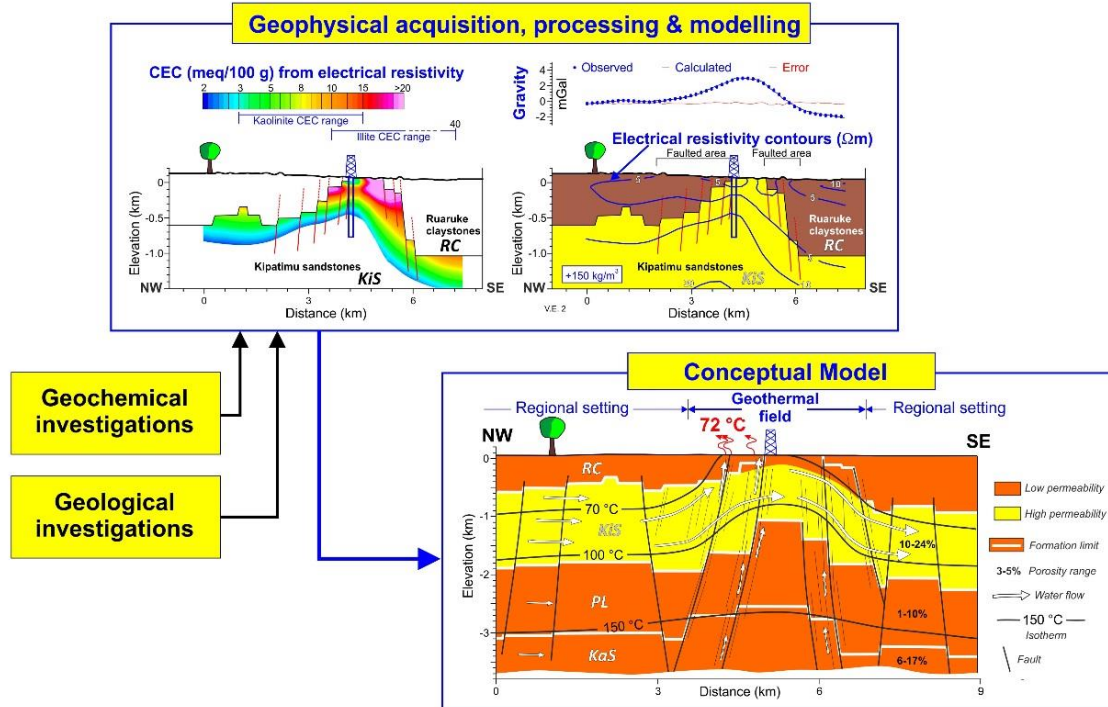


# Applied Geophysics

## Geophysical exploration by passive and active methods

Applications to mineral and energy applications, hydrogeology, regional geology and geodynamics



Main research areas:

- Acquisition and processing of geophysical signals.
- Inversion of gravimetric, magnetic and magnetotelluric data.
- Shallow geophysical exploration by active and passive methods for geothermal, mineral, and engineering applications.
- Deep geophysical exploration by active and passive methods for geological and geodynamics applications.

Key words: exploration, signal analysis, forward and inverse modelling

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