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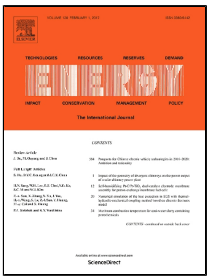

Methodology for Estimating the Ground Heat Absorption Rate of Ground Heat Exchangers

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Highlights

- A methodology for measuring the thermal properties of an area of interest
- Geological sampling has been carried out and thermal properties have been measured
- With the use of Geographical Information System the Thermal Maps have been compiled
- A simulation tool was designed for estimating the geothermal performance of GHEs
- A Load Estimation Map of GHEs was compiled using simulation data