

IESE Ltd has taken over staff and resources/contracts from the former Institute of Earth Sciences and Engineering at the University of Auckland. IESE Ltd has also merged with Metry Ltd, a premier provider of geotechnical monitoring services, forming the new International Earth Sciences IESE Ltd.

IESE Ltd is a premier commercial provider of the following:

**Seismic instrumentation and monitoring services,** including:

- Borehole seismometer manufacture
- Seismometer installations, shallow and deep borehole deployments
- Real-time communication (telemetry) system installations

**Seismic processing and analysis services,** including:

- Standard seismic processing: event detection, location and magnitude determination
- Advanced seismic processing: shear wave splitting analysis for fracture interpretation
- Analysis for seismic source characterization, relative event location for active seismic structure delineation, 3D velocity tomography, and stress field inversion from focal mechanisms
- Real-time seismic monitoring: state of health system alerts and semi-automated processing and reporting
- QC data processing
- Joint interpretation of seismic with other geophysical data



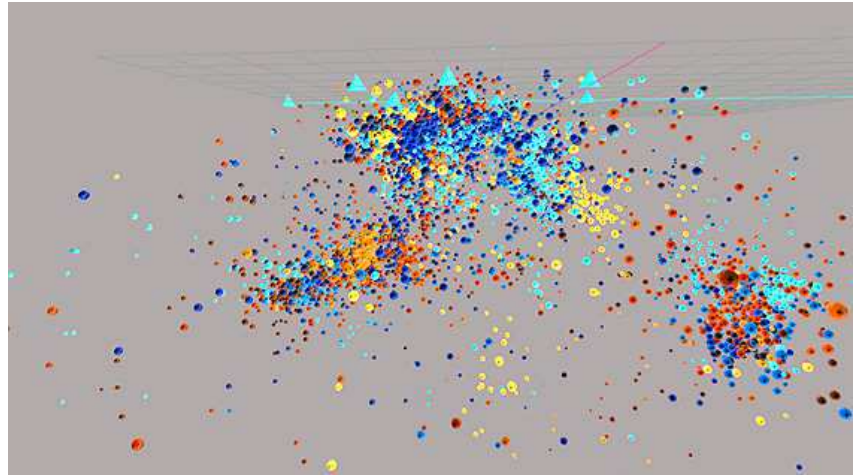
An example of a borehole seismometer manufactured by IESE Ltd



Borehole seismometer installation

### Training services:

- Training in seismometer installation and network operation
- Workshops on microseismic theory and application to geothermal monitoring
- Workshops on processing methods including practical application



### Geotechnical instrumentation and monitoring services and software, including:

- System design and procurement services
- Installation and commissioning of in-ground and above-ground systems
- Telemetry and data management, including hosting on our ring-fenced cloud servers



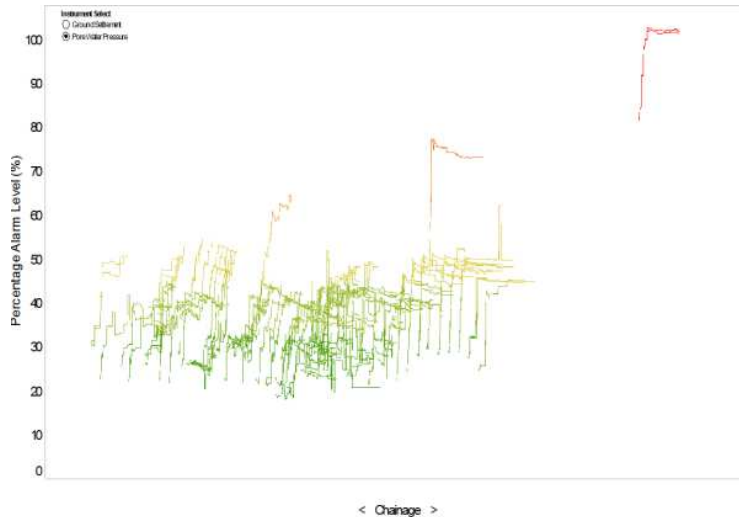
### Sales:

- IESE Borehole Seismometers
- RefTek seismic dataloggers
- Sisgeo geotechnical instrumentation, including piezometers, inclinometer casing, and dataloggers

### Geophysics:

- Magnetotellurics for geothermal exploration
- Engineering geophysics, including MASW, seismic refraction, cross-hole seismics, seismic tomography, resistivity imaging, microgravity, EM and magnetometry





**Software:**

- Our in-house Ambient Software allows you to visualize up to 500 time series on one screen, with drill-down to individual georeferenced data sets
- We have a range of in-house and proprietary software packages for processing, analyzing, interpreting and visualizing seismic, geotechnical and geophysical data

IESE is owned by seasoned entrepreneurs and our staff, and has offices in New Zealand and the USA. Our people include senior international experts in geology, seismology, physics, instrumentation and data analysis technologies.

Currently customers include private and public sector organisations in Germany, USA, New Zealand and Australia, Indonesia, India, Mexico, Japan and various African countries. Sectors in which we operate include geothermal, mining, oil and gas, civil and environmental.

We are very proud of our team and our ability to deliver our services and products worldwide at a competitive cost with exceptional support and service.

We look forward to working together with you and would love to have an opportunity to quote for your next project.



**All the best – wishing you very happy Christmas holidays and a successful New Year.**