

Geophysics

Expertise Microseismic and acoustic emission (AE) monitoring, applied seismology, induced seismicity, ISO 9001:2000 quality management systems

Education BSc. (Geophysical Sciences with a Year in North America, 1st Class Honours), 2003, University of East Anglia, Norwich, UK

Affiliations Fellow, Geological Society of London (FGS)

Professional Experience

2008 - Present *Applied Seismology Consultants, Shrewsbury, UK*
Geophysicist, Systems Engineer
2003-2008 *Geophysicist*

Project Experience

Microseismics: Microseismic and acoustic emission (AE) monitoring, principally for the Petroleum, Geothermal, Mining, Radioactive Waste and Laboratory Testing Markets, working at the leading edge of the application of techniques in passive seismology applied to induced seismicity.

Data Processing: Experienced user of *InSite Seismic Processor*, a leading commercial microseismic acquisition, processing and visualization software system. Processed and interpreted seismic data at all scales, specializing in the application of microseismic and acoustic emission techniques to laboratory studies, underground excavations and hydrofracture stimulations. Field work worldwide including real-time processing of petroleum-field data. Provider of training and support to InSite users worldwide.

Systems Management: Quality Engineer of ASC's ISO 9001:2000 certified quality management system. Facilitator of the successful operation and development of ASC's office in Shrewsbury, UK.