

#### EXAMPLE DATASETS

- Laboratory rock deformation and fracturing; monitoring of engineering structures; enhanced geothermal systems and hydraulic fracture.

#### DATA FORMATS

- Common formats include SEGY, SEG2, SEGD, SEISAN, SEED, MiniSEED, GCF, SAC

#### INSITE-EDU FEATURES

- Event detection and triggering from data streams, manual or automatic processing of event data.
- Rotation of waveforms from triaxial or quadraxial instruments into ray coordinate systems, display of particle motions on hodogram plots.
- Ray-tracing algorithms with layered velocity structures to locate seismic events within a 3D volume.
- Display of the event locations in 3D.
- Velocity analysis for 'active' data for velocity and amplitude information.
- Calculation and visualisation of source mechanisms and fault plane solutions.

For more information on any of our products or consulting services please visit our website:

[appliedseismology.co.uk](http://appliedseismology.co.uk)

InSite-Edu™ is a new teaching tool aimed at both undergraduate and graduate level, that includes the key components and functionality of InSite Seismic processing software and is available to full licence users at accredited degree-granting educational institutes worldwide. InSite-Edu is not available for any commercial or revenue- generating purposes, including consulting.

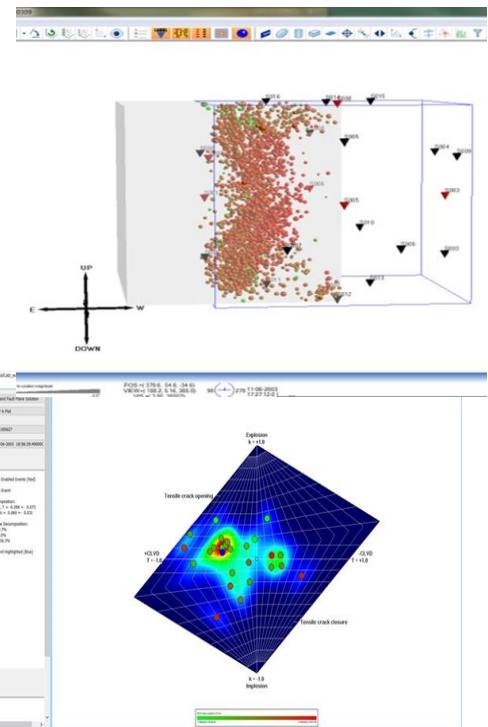
InSite-Edu™ is developed in a version-controlled environment within a quality management system. InSite™ has been available as a commercial product for two decades and has been used by leading companies, academic and research institutes worldwide for the processing, visualisation and advanced analysis of seismic, microseismic, acoustic emission and ultrasonic data.

## What is InSite-Edu?

InSite-Edu is a practical software tool for teaching the processing and analysis of seismic data.

It covers all the essential steps in the processing, visualisation and analysis of seismic, microseismic and acoustic emission and ultrasonic data.

Students can use InSite-Edu for their own projects .



## What is included?

Teaching material is provided with InSite-Edu and includes example datasets and tutorials guiding students through all the stages of processing seismic data. This includes access to examples from a wide range of applications detailing the processing of data from a range of scales e.g. microseismic data in the field and acoustic emission (AE) monitoring in the laboratory.

InSite-Edu is compatible with multiple industry-standard data formats, so it can be used to process publicly available seismic datasets and student's projects for example.

Technical support (provided via a ticketing system) is provided to assist with technical queries and includes program updates, fixes, and critical patch updates.

## How InSite-Edu licensing works.

InSite-Edu is managed through a digital network licence, enabling multiple students to concurrently and conveniently access the InSite-Edu software either remotely or on site (e.g. on the university campus).

The network floating licence includes a number of licence seats (minimum of five (5) seats and multiples of five (5) seats thereafter) which are shared by multiple users on a first come, first served basis.

The network licence and accompanying technical support (provided via ticketing system) is valid for a period of twelve (12) months from the date of receipt of the InSite-Edu software, after which time both the InSite-Edu licence and support will expire.

The InSite-Edu licence can be renewed (annually) by completing the InSite-Edu application form.

### INSITE™ SOFTWARE FAMILY

- InSite-HF
- InSite-Geo
- InSite-Lab
- InSite-Edu
- InSite-Lite

### AE MONITORING SYSTEMS

- ASC supply a range of hardware and data acquisition systems.
- Example applications include, acoustic emission (AE) and ultrasonic testing and monitoring, vibration monitoring, materials testing.

### TRAINING

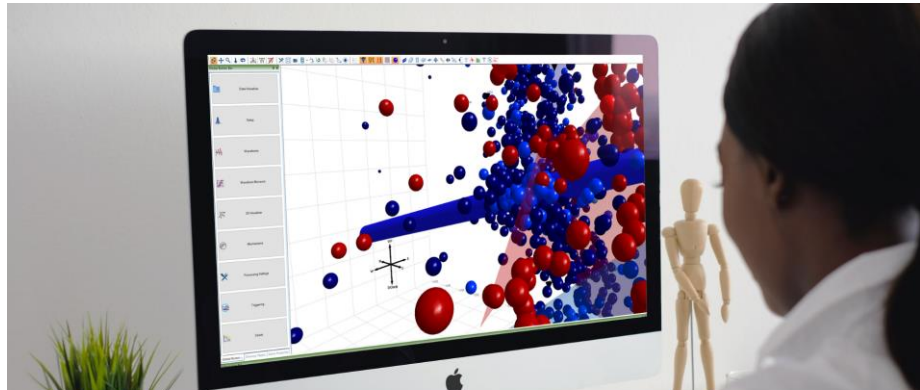
- ASC provide a wide range of training courses (both online and onsite) ranging from seismology and data processing to the use of ASC's InSite software.
- ASC can also provide custom and bespoke training courses. Please contact us to discuss your training requirements.

### CUSTOM SOLUTIONS

- ASC can provide custom and bespoke hardware and software solutions to meet your data monitoring and processing requirements.
- ASC also provide a range of consultancy services, from data processing to geophysical and subsurface imaging and seismic hazard site investigation.

### QUALITY ASSURANCE

- The InSite software has been available as a commercial product for over 20 years. Documented algorithms. Benchmarked and tested against synthetic seismicity.



## How to apply for an InSite-Edu licence.

To apply for an InSite-Edu licence, please complete the InSite-Edu application form, which is available on the ASC website, and send via email to [asc-info@appliedseismology.co.uk](mailto:asc-info@appliedseismology.co.uk)

Please contact us if you have any enquiries or require some additional information on any of our products and services which we offer..