

# Introduction to photogeology and remote sensing

## Intended audience

All geologists and geoscientists involved in geological mapping and site investigations.

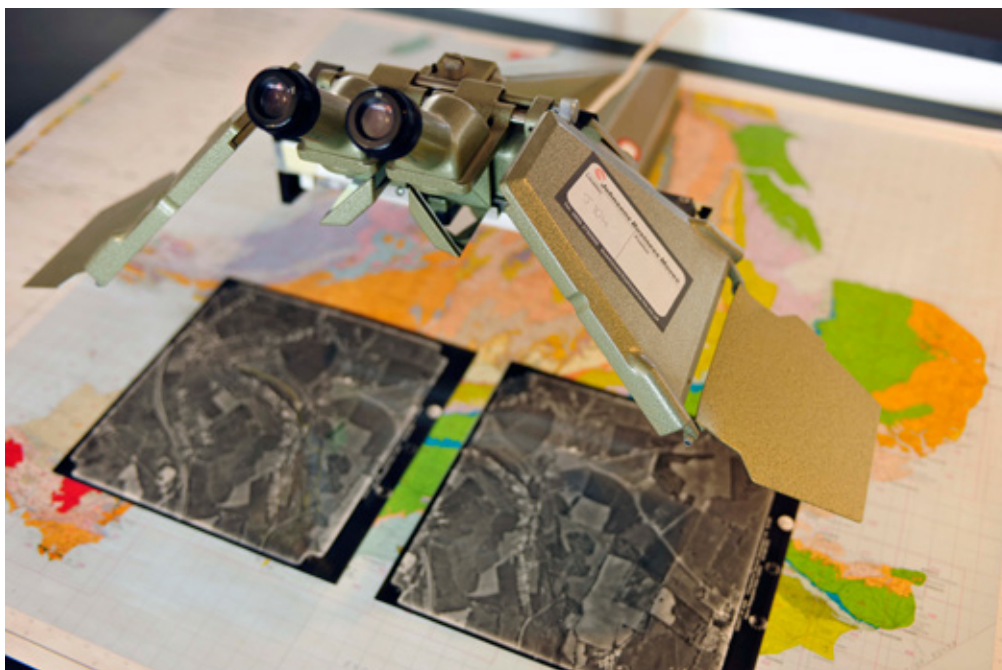
## Course objectives

- To introduce participants to concepts and geological applications in remote sensing with an emphasis on aerial photography although other airborne and satellite imagery are also included.
- To familiarise participants with the fundamentals of both the photogeological interpretation of air-photo stereo pairs and satellite imagery through laboratory practice.
- To encourage the use of large-scale air-photo stereo pairs and satellite imagery in field surveying and site investigations.

## Course description

This course provides a practical introduction to photogeology and geomorphological interpretation using UK and overseas examples. Practical experience will be gained in the interpretation of aerial photography as related to geological field surveying. The course covers:

- Geometry of aerial photographs, stereo pairs and orthophotos.
- Photogeological interpretation and landform recognition.
- Sedimentary-structural landforms.
- Volcanic/intrusive landforms.
- Landslipped ground.
- Glacial landforms.
- Modern fluvial landforms.
- Annotation of interpreted aerial photographs and satellite imagery.
- Transfer of data to base maps.



Examining aerial photograph stereo-pairs using a stereoscope.

## Course duration

5 days

## Delivery mode

Classroom-based course

## Course fee

£1250

Course fee based on delivery at BGS's training centres

## Date(s)

As required

## Location

The course is available at BGS's Nottingham (Keyworth) or Edinburgh training centres, or at customer premises worldwide, by arrangement