

# Shake, quake, or fake? Comparing BGS expected intensity modelling, felt reports, Tweets, and public perceptions

- Research question: To what extent, and why, are different types of seismic events in the UK (tectonic and induced by shale gas and other human activities) reported differently?
- Hypothesis: Seismic events with similar intensities will vary in how they are reported and perceived, based on whether they are tectonic, induced by shale gas operations, or induced by other human activities.
- Aim: Advance informed deliberation on novel technologies in the UK's energy landscape – NOT to *change* public opinions.

