

Panel Session 1 - Chair Nicholas Solman
Environmental and Social Science

Rebecca Chambers / Stuart Gilfillan	Geochemical fingerprinting of UK Carboniferous Coal Measures and coal mine workings at the Glasgow UKGEOS site'
Alex Dickinson	Developing Deep Science Laboratories from the Shale Gas Legacy
Katie Edwards	Impact of subsurface energy extraction on subsurface microbiology
Andrew Fraser-Harris	Integrated Spatio-Temporal Atmospheric-Hydro-Geological Risk Assessment Framework (INSTAGRAF)
Joanna Holmgren	Raspberry Shake instruments provide initial ground motion assessment of the induced seismicity at the United Downs Deep Geothermal Power Plant in Cornwall
Conor John / Steve Westlake	How public perceptions of fracking spill over to other novel energy technologies
Owen King	Shale Fail?: Fracking and the Temporal Politics of the Net Zero Transition in the UK
Linda Stalker	GISERA - 10 years on
Fred Worrall	Establishing effective sentinels - setting the baseline for the use of the deep sub-surface

Recordings - available on the poster page

Jacob Shaw	Machine-learning approaches for efficient detection of novel and episodic atmospheric emission sources
Danny Reible	Texas Produced Water Research Consortium

Panel Session 2 - Chair Rachel Brown
Seismicity and Resources



Michael Allen	The relationship between earthquake size distributions and laboratory measured frictional stability parameters from induced seismicity on faults during fluid injection
Tom Charlton	Micromechanical characterisation of shale in the Horn River Basin through nanoindentation
Tom Kettlety	Triggering mechanisms during PNR-2 fault activation
Adam Klinger	Re-evaluating the stability and rupture physics on a reactivated fault using slip tendency 2 and stress drops from induced microseismicity in the Horn River basin.
Cindy Lim	Searching for hydraulic-fracturing induced seismicity at Preston New Road using deep learning
Rioko Moscardini	Beyond shale gas: Using UKUH data and methodologies to evaluate the Lower Carboniferous of the Cheshire Basin as a potential site for Carbon Capture Utilisation and Storage (CCUS)
Germán Rodríguez-Pradilla	3D-Seismic Interpretation and Fault Slip Potential Analysis from Hydraulic Fracturing in the Bowland Shale, UK
Michael Sims	Biomarkers of the Lower Carboniferous, and the implications for the palaeoenvironment and resource potential interpretation.
Robin Thomas	Numerical geomechanics study of the influence of injection scenarios to quantify seismic hazard at Preston New Road