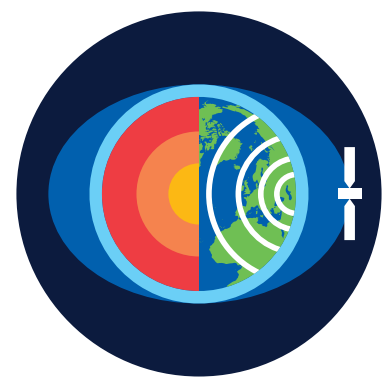
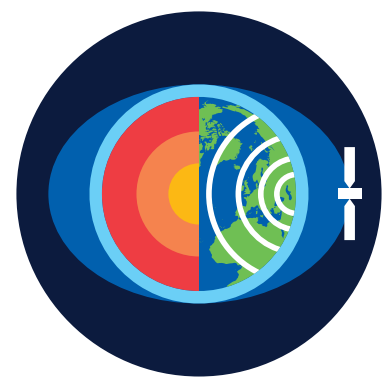




ANNUAL MEETING 2026

Day 1 - Monday 29th June

12.00 - 12.15	<i>Arrive at BGS Keyworth, and meeting registration</i>
12.15 - 13.00	<i>Lunch</i>
13.00 - 13.15	Introduction: Juliet Biggs, COMET Co-Director
13.15 - 14.30	<u>Science Talks 1</u> (Chair: Luke Bateson, COMET Executive)
14.30 - 15.00	<i>Tea/Coffee Break</i>
15.00 - 16.45	<u>Poster Session 1</u> (Chair: Tim Wright, COMET Co-Director)
17.00	<i>Coach to Nottingham from BGS Keyworth</i>
19.00	<i>Dinner: The Embankment</i>



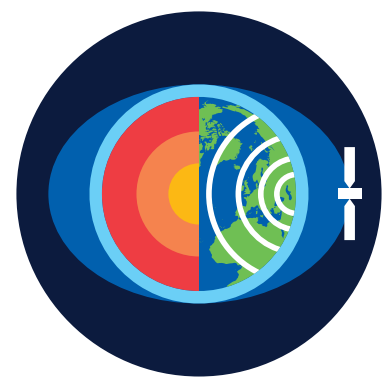
COMET

UK CENTRE FOR THE OBSERVATION AND MODELLING
OF EARTHQUAKES, VOLCANOES AND TECTONICS

ANNUAL MEETING 2026

Day 2 - Tuesday 30th June

08.15	<i>Coach to BGS Keyworth</i>
08.45 - 09.00	<i>Day 2 Arrival - Tea/Coffee</i>
09.00 - 10.30	<u>Science Talks 2</u> (Chair: Juliet Biggs, COMET Co-Director)
10.30 - 11.00	<i>Tea/Coffee Break</i>
11.00 - 12.30	<u>Poster Session 2</u> (Chair: Tim Wright, COMET Co-Director)
12.30 - 13.30	<i>Lunch</i>
13.30 - 15.00	<u>Science Talks 3</u> (Chair: Alex Copley, COMET Deputy Director)
15.00	<i>Event Photograph</i>
15.15 - 15.30	<i>Tea/Coffee Break</i>
15.30 - 17.00	<i>Core store tours, self-guided geological walkway and rounders</i>
17.15	<i>Coach to Nottingham from BGS Keyworth</i>
19.00	<i>Dinner: The Embankment and The COMET Quiz (20.15 quiz start)</i>



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UK CENTRE FOR THE OBSERVATION AND MODELLING
OF EARTHQUAKES, VOLCANOES AND TECTONICS

ANNUAL MEETING 2026

Day 3 - Wednesday 1st July

08.15	<i>Coach to BGS Keyworth</i>
08.45 - 09.00	<i>Day 3 Arrival - Tea/Coffee</i>
09.00 - 10.00	<u>Science Talks 4</u> (Chair: Susan Loughlin, COMET Executive)
10.00 - 10.15	COMET EDI and Organisational Update: Charlotte Royle (COMET Manager)
10.15 - 10.45	<i>Tea/Coffee Break</i>
10.45 - 11.30	Breakout Session: Thematic Science Discussions
11.30 - 12.30	Parallel Meetings • <u>COMET Advisory Board Meeting</u> • <u>COMET Member Meeting</u> • <u>Workshop - Careers</u> (fellowships, non-academic careers)
12.30 - 13.00	Feedback and Close

ANNUAL MEETING 2026

Presentations

Science Talks 1 - Monday 29th June 13.15 – 14.30 (Chair: Luke Bateson, COMET Executive)

Tim Wright University of Leeds	High-resolution geodetic velocities reveal role of weak faults in deformation of Tibetan Plateau
Edna Dualeh University of Bristol	Satellite detection of methane outburst from an East African volcano
Sami Samiei Esfahany and Milan Lazecky University of Leeds	LiCS System: Recent Progress and Developments
Ed Rhodes University of Sheffield	OSL Dating, Geomorphology and Fault Physics: Unifying Three Elements
Andy Hooper University of Leeds	What drives volcano uplift/subsidence

Science Talks 2 - Tuesday 30th June 09.00 – 10.30 (Chair: Juliet Biggs, COMET Co-Director)

COMET Advisory Board: Freysteinn Sigmundsson University of Iceland	Shape optimization for finding sources of volcano deformation and magma domains: The Svartsengi test case
Alex Copley University of Cambridge	The tectonic controls on critical mineral distributions
Weiyu Zheng University of Bristol	Offset-Supported Unwrapping of CSK Data for Dyke Intrusion Monitoring
Sue Loughlin British Geological Survey	Update on BGS/COMET and the FCDO 'Science for Emergencies Centre' (SEC)
Jin Fang University of Leeds	Long-Lived Postseismic Deformation Following the 2001 Mw 7.8 Kokoxili (Tibet) Earthquake from GNSS and Multi-Mission InSAR
Alice Hopkins University of Leeds	We're going on a submarine eruption hunt!

ANNUAL MEETING 2026

Presentations

Science Talks 3 - Tuesday 30th June 13.30 – 15.00 (Chair: Alex Copley, COMET Deputy Director)

COMET Advisory Board:

Eleonora Rivalta GFZ Helmholtz Centre for Geosciences	A three-dimensional model for stress-driven magma migration and trapping in the lithosphere
Jess Hawthorne University of Oxford	Simplifying rupture models for physics-based earthquake forecasting
Jurgen (Locko) Neuberg University of Leeds	Very-long period seismic signals: filling the gap between seismology and deformation on volcanoes
Eliot Eaton University of Leeds	Understanding Ground Deformation Close to Growing Lava Domes
Antonin Knizek University of Oxford	The Scattering Reference Forward Model
Ekbal Hussain British Geological Survey	Rapid age and gender disaggregated exposure assessment for earthquake emergencies

Science Talks 4 - Wednesday 1st July 09.00 – 10.00 (Chair: Susan Loughlin, COMET Executive)

Ben Esse University of Manchester	Quantifying Global Volcanic SO ₂ Emissions Daily from Space
Anna Hicks British Geological Survey (<i>Online presentation</i>)	The use of landslide hazard data in community-driven action on Tristan da Cunha
John Condon University of Leeds	InSAR signatures associated with underground nuclear testing
Maximillian Van Wyk de Vries University of Cambridge	Giant waves and multihazard cascades
Alessandro Novellino British Geological Survey	Assessment of moving slopes across Great Britain

ANNUAL MEETING 2026

Posters

Poster Session 1 - Monday 29th June 15.00 – 16.45 (Chair: Tim Wright, COMET Co-Director)

1.1	Pedro Espin Bedon University of Leeds	Real-Time Global Volcano Monitoring with InSAR: Coherence-Guided Interferogram Networks, Optimized Sentinel-1 Time Series, and Dynamic Updates (2014–2025)
1.2	Julian Pahl University of Cambridge	Southwest Rift Zone eruptions of Mauna Loa, Island of Hawai'i: lessons from the crystal cargo
1.3	Sawitree Luachapichatikul University of Leeds	Measuring Land Subsidence using Sentinel-1 Time-Series Techniques in Bangkok Metropolitan Region, Thailand
1.4	Chee Jian Hao Denny Nanyang Technological University	Pre-eruptive Deformation at Mount Agung Detected 7 Months Before the 2017 November Eruption Using Variational Bayesian ICA of InSAR
1.5	Hasan Efendi University of Edinburgh	Mapping multiple subduction in Sulawesi, Indonesia with relocated earthquake
1.6	Rebecca Tichford University of Oxford	Volcanic Plume Rise: Combining Models and Observations
1.7	Donny Rio Wahyudi University of Edinburgh	The current result of ALOS-2 InSAR timeseries over the Palu-Koro and Matano faults system
1.8	Alexander Harris University of Bristol	Measuring the Global Variability in Afterslip
1.9	Constantijn Vleugels University of Leeds	Rapid earthquake damage assessment from SAR, optical and engineering perspectives
1.10	Alexander Riddell University of Manchester	SO ₂ flux measurements from ground, air and space before, during and after a lava fountain on Mt Etna
1.11	Yijia Song University of Bristol	An InSAR Phase Unwrapping Framework for Large-Scale and Complex Events
1.12	Jie Li University of Leeds	Orbit-specific tropospheric effects on Sentinel-1A/B InSAR observations
1.13	Muhammet Nergizci University of Leeds	Open-Access Along-Track Deformation Measurements from Sentinel-1 Burst Overlap Interferometry via COMET-LICS System
1.14	Julia Johnson University of Oxford	Probing the Mechanics of Slow Slip with Low-Frequency Earthquakes

ANNUAL MEETING 2026

Posters

Poster Session 2 - Tuesday 30th June 11.00 – 12.30 (Chair: Tim Wright, COMET Co-Director)

2.1	Ayman Alhawamdeh University of Nottingham	Spatiotemporal Patterns of Multiple Hazards Following the 2023 Türkiye Earthquakes
2.2	Benjamin Kettleborough University of Leeds	Rapid Uplift and Thermal Anomalies at Bolivian Pliocene Caldera Pastos Grandes
2.3	Cariad Morgan University of Manchester	Joint analysis of volcanic degassing and deformation time series to understand transitions in unrest
2.4	Tianyuan Zhu University of Bristol	Monitoring Volcanic Deformation using InSAR: Time series at Seasonally Snow-covered Volcanoes
2.5	Eliot Eaton University of Leeds	Understanding Volcanic Processes with High-Resolution SAR and InSAR: Insights from CEOS Geohazard Supersites
2.6	Lin Way University of Bristol	Using volume changes to infer reservoir architecture during a dike cycle at Fentale volcano
2.7	Fengnian Chang University of Leeds	The Kinematics, Dynamics, and Seismic Potential of the Tianshan from Sentinel-1 InSAR & GNSS
2.8	Robert Popescu University of Bristol	Learning-Based Atmospheric Correction of Unwrapped InSAR Interferograms
2.9	Yuhao Xu University of Leeds	Co- and early post-seismic InSAR observations reveal complex rupture of the 2023 Herat earthquake sequence, NW Afghanistan
2.10	Jack Sidgwick University of Leeds	Who's at fault? Disentangling the igneous-tectonic fracture network around the Kerguelen Islands
2.11	Ben Ireland University of Bristol	Towards improved characterisation of global volcano deformation patterns
2.12	Richard Harvey University of Leeds	Resolving complex landslide kinematics with high-resolution InSAR and DEMs across New Zealand
2.13	Siyuan Zhao University of Leeds	The interactions between the 2018 Lombok earthquake sequence, Indonesia, and the unrest Rinjani-Samalas volcanic complex