

Earth Science Teachers' Association
Annual Course and Conference – 'Geology comes to town'
28th - 30th September 2018
The Geological Society of London



Earth Science Teachers' Association
www.esta-uk.net
 Registered Charity No. 1005331



The Geological Society

-serving science, profession & society

Friday 28th September						
1.00 onwards	Registration - tea and coffee					
2.00	Tour of GSL and the William Smith and Greenough maps – Sarah Day, <i>GSL</i>					
3.00-5.30		EduQAS and OCR CPD Feedback on first AS examinations and practical endorsement monitoring		Building stones walk around Piccadilly <i>Dr Ruth Siddall, University College London</i>		
6.00 – 6.10	Welcome by Professor Nick Rogers, <i>GSL President</i>					
6.10 - 7.00	Drinks reception and Buffet Supper					
7.00 – 7.45	Keynote presentation: 'Geology of Crossrail and the Thames Tideway' <i>Dr Jackie Skipper, Geotechnical Consulting Group</i>					
Saturday 29th September						
8.15 – 9.00	Registration - tea and coffee					
9.00 – 12.30	Options					
9.00 – 09:45	1	Supervolcanoes;- stress and the city <i>Dr Marc Reichow University of Leicester</i>	2	'Triumph and Disaster - the effective use of case-studies in ground engineering' <i>David Shilston Atkins Fellow and Technical Director – Engineering Geology</i>	3	Field Studies Council - Getting the most out of A-level fieldwork <i>James Margeson Tutor, Field Studies Council</i>
09:45 – 10:30	4	The hydrogeological highs and lows of London's water supply <i>Dr Mike Jones Thames Water Utilities Ltd</i>	5	Lego seismometer Make it and take it home <i>Dr Paul Denton, BGS</i>	6	Teaching Bowen's Reaction Series <i>Dr Ruth Richards Nottingham Trent University</i>
10.30 – 11.00	Tea and coffee					
11.00 – 11.45	7	The real value of microfossils <i>Dr Haydon Bailey Network Stratigraphic</i>	8	Lego seismometer Make it and take it home <i>Dr Paul Denton, BGS</i>	9	Maths in A-level geology <i>Dan Boatright, ESTA Chair</i>
11:45 – 12:30	10	Geology, geomaterials and Heritage Buildings <i>Dr Ian Sims and Dr Jennifer Murgatroyd, RSK</i>	11	Microfossil workshop <i>Mike McKnight, University of Birmingham</i>	12	Exploration game <i>Pete Loader, Past ESTA Chair and Earth Science Educator</i>
12.30 – 1.30	Lunch					
1.30 – 2.15	Keynote lecture: Lagerstatten: exceptionally preserved fossils – windows on the evolution of life. <i>Professor David Siveter, Emeritus Professor of Palaeontology, University of Leicester</i>					
2.15 – 2.35	ESTA EGM and AGM					
2.35 – 2.50	Tea and coffee					
2.50 – 5.30	Bring and Share <i>Chris King, Emeritus Professor of Earth Science Education, Keele University</i>					
7:00 – 10:30	Conference Dinner at Caffé Concerto, Whitehall (15 minutes' walk) Arrival from 6.30pm					
	Owing to the central London location this year transport is not being provided during the conference, therefore it will be your responsibility to arrange and use your own/public transport .					

Sunday 30th September
Field visits

**We are mindful that most people will have bags to carry,
and are investigating places to store them near each venue.**

1	<p>The Crystal Palace Dinosaurs</p> <p><i>Leader: Naomi Stevenson, Natural England</i></p> <p>Afternoon suggestion: <i>Short train ride to Forest Hill. Lunch at The Big Breakfast then a visit to the Horniman Museum.</i></p>
2	<p>The Geology of the area around the Natural History Museum</p> <p><i>Leader: Mike Howgate, Geologist and London Blue Badge Guide</i></p> <p>Afternoon suggestion: <i>Lunch at one of the many eateries in the area then a self-guided, queue-free visit to the Natural History Museum.</i></p>
3	<p>London Geodiversity Partnership</p> <p><i>Leader: Dr Jackie Skipper</i></p> <p>A visit to look down a hole if there is a suitable one at the time!...or Gilbert's Pit SSSI, Charlton, Greenwich.</p>
4	<p>A London Walk - The Lost Waters of Islington: From Farringdon Station (Crossrail) to Sadlers Wells.</p> <p><i>Leader: Diana Clements, author of the GA Guide to London.</i></p> <p>Afternoon suggestion: <i>Local lunch, then a self-guided look at two new buildings at Angel.</i> <i>Urban geology in London No 3</i> http://www.ucl.ac.uk/~ucfbrxs/Homepage/walks/Angel.pdf</p>

**Owing to the central London location this year,
transport is not being provided for the field visits, therefore it will be your responsibility to
arrange and use and your own/public transport to get to the field visit starting location.

Conference Website page for further information and updates
<http://www.esta-uk.net/conference.htm>