



**One day meeting: Forensic Geophysics & Forensic Geoscience**  
**[Near-Surface Geophysics](#) and [Forensic Geoscience](#) Speciality**  
**Sub-Groups of the [Geological Society of London](#)**

2<sup>nd</sup> December 2020



**Co-organisers:** [Lorna Dawson](#) (James Hutton Institute), [Alastair Ruffell](#) (QUB) & [Jamie Pringle](#) (Keele University)

**Programme**

- 0900-0915      **Virtual Coffee (BYO) & Setup**
- 0915-0920      **Virtual Introduction (co-organisers)**
- 0920-0930      *Use of forensic geoscience in UK Policing.* Insp. Murray Haynes, [NCA](#) National Search Advisor
- Session 1      Forensic Geophysics** (Organiser: J.K. Pringle (NSGG & FGG))
- 0930-1000      *Terrestrial Forensic Geophysics.* [J.K. Pringle](#) & co-authors, Keele University, UK.
- 1000-1030      *Aquatic Forensic Geophysics.* [A. Ruffell](#), Queens University Belfast, UK.
- 1030-1100      *Italian Forensic Geophysics.* [M. Barone](#) & co-authors, American University of Rome, Italy.
- 1100-1130      *The search for Spanish Civil War mass graves.* [José Paulino Fernández](#), Oviedo University, Spain.
- 1130-1200      *The Detection of Forensic Graves with GPR in North America: Variables Affecting Detection.* [J. Schultz](#) & co-authors, Central Florida University, USA.
- 1200-1230      *South American Forensic Geophysics.* [C. Gallego](#) & co-authors, Antonio Narino University, Colombia.
- 1230-1245      'Ask the Expert' panel, from the above presenters
- Session 2      Virtual Lunch. Including virtual field trip & educational egame**
- 1315-1330      [Forensic Soil evidence.](#) Jodi Webb, Geologist & Forensic Examiner, FBI labs.
- 1330-1340      Walk-through of virtual forensic geophysics field trip. J. Pringle (NSGG & FGG)
- 1340-1400      Introduction to virtual forensic educational egame. J. Pringle (NSGG & FGG)
- Session 3      Forensic Geology** (Organisers: L. Dawson & A. Ruffell (FGG))
- 1400-1445      *The IUGS-IFG A Guide to Forensic Geology. Introduction, Ground Search for Burials, Crime Scene Examination & Geological Trace Evidence.* [L. Donnelly](#), M. Harrison, [A. Ruffell](#), D. Pirrie & [L. Dawson](#), IUGS-IFG and FGG.
- 1445-1500      *The IUGS IFG Special Project.* [D. Pirrie](#) & L. Donnelly. IUGS-IFG.
- 1500-1530      *A White paper on Ethics in Forensic Geology.* L. Dawson, [R. Di Maggio](#), J McKinley, G. Capua, [S. Peppoloni](#) & J. Pringle. FGG and IUGS-IFG.
- 1530-1600      *Progress towards a UK Human Taphonomy Facility.* [J. Cassella](#) (Staffs Uni.) & [A. Williams](#), (Huds Uni.),
- 1600-1630      'Ask the Expert' panel, from the above presenters
- 1630-1645      **Concluding and Next steps Remarks (co-organisers)**

**With thanks to our kind sponsors:**

[Allied Associates Ltd.](#) [Geomatrix Earth Science Ltd.](#)

[Sensors & Software Ltd.](#)

