



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

2nd 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)**

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