



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:

Prof Lorna Dawson (James Hutton Institute), Dr Alastair Ruffell (QUB) & Dr 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.

1230-1300 'Ask the Expert' panel, from the above presenters

Session 2 **Virtual Lunch. Including virtual field trip & educational egame**

1300-1400 Walk-through of virtual forensic geophysics field trip and egame. Organiser: J.K. 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 and 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.), UK.

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.](#)

