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Geologist

EXPLORATION, MINING, MINERALS & METALS
FORENSIC GEOLOGY & POLICE SEARCHES
ENGINEERING GEOLOGY & GEOMORPHOLOGY
GEOHAZARDS & NATURAL HAZARDS

Publications and Presentations

PhD Thesis

1. **Donnelly L. J.** 1994. Predicting the reactivation of geological faults and rock mass discontinuities during mineral exploitation, mining subsidence and geotechnical engineering. Ph.D. Thesis, University of Nottingham.

Books and Book Contributions

2. **Donnelly, L. J.**, Parry, D. N. & Dennehy, J. P. 2019. Review of Mining Methods. 'Parry, D. & Chiverrell, C. (eds) (2019). Abandoned mine workings manual, C758D. CIRIA, London, UK, 99-116.
3. Mason, D. A., Dennehy, J. P., **Donnelly, L. J.**, Parry, D. N. & Chiverrell, C. 2019. Residual Impacts of past mining. In, 'Parry, D. & Chiverrell, C. (eds) (2019). Abandoned mine workings manual, C758D. CIRIA, London, UK, 117-156.
4. **Donnelly, L. J.**, Culshaw, M. G. & Dennehy, J. P. 2019. Fault reactivation and fissures. In, Parry, D. & Chiverrell, C. (eds) (2019). Abandoned mine workings manual, C758D. CIRIA, London, UK, 162-172.
5. **Donnelly, L. J.** 2018. Faults. In: Bobrowsky, P. T. & Marker, B. (eds). Encyclopaedia of Engineering Geology. Springer, Berlin, 329–336.
6. **Donnelly, L. J.** 2018. Coal. In: Bobrowsky, P. T. & Marker, B. (eds). Encyclopaedia of Engineering Geology. Springer, Berlin, 148-149.
7. **Donnelly, L. J.** 2018b Mining. In: Bobrowsky, P. T. & Marker, B. (eds). Encyclopaedia of Engineering Geology. Springer, Berlin, 629-649.
8. **Donnelly, L. J.** 2018. Mining Hazards In: Bobrowsky, P. T. & Marker, B. (eds). Encyclopaedia of Engineering Geology. Springer, Berlin, 649-655.
9. **Donnelly L. J.** 2017. In: DiMaggio, R. M. & Barone, P. M. 2017. Soil Forensic. Geoscientists at Crime Sciences: A Companion to Forensic Geoscience. Preface, v-vi, Springer.
10. Molina, C. M., **Donnelly, L.**, Baena, A. (Eds) 2017. 3rd Iberoamerican Seminar on Forensic Geoscience. The International Union of Geological Sciences, Initiative on Forensic Geology (IFG). Booklet of Abstracts. La Plata, Argentina, 30 November to 1 December 2017, pp29.
11. Ruffell, A. & **Donnelly, L.J.** 2018. Forensic geophysics and the search of building interiors, peat bogs and water. In: Groen, M. & Barone, P-M. (eds) European Meeting of Forensic Archaeologists, Special Volume. Multidisciplinary Approaches to Forensic Archaeology. Springer Chapter 4: DOI 10.1007/978-3-319-94397-8_4.
12. **Donnelly L. J.** 2013. Use of Geology in Forensic Science: Search to Locate Burials. In: Elias S.A. (Ed.) The Encyclopedia of Quaternary Science, Vol. 4 pp. 521-534. Amsterdam: Elsevier.
13. **Donnelly, L. J.** 2013. Mining induced fault reactivation. In Bobrowsky, P. (Ed) 2013. Encyclopedia of Natural Hazards, Springer, 673-687. **Donnelly, L. J.** & Bell F. G. 2010. Geotechnical and environmental problems: coal and spontaneous combustion. In: Stracher, G. B. (ed). The World Atlas of Coal Fires and Combustion Metamorphism. Elsevier
14. **Donnelly, L. J.** 2009. Volcanic deposits of Snowdonia and Montserrat: petrological and engineering characteristics. In: Nichol, D., Basssett, M.G. and Deisler, V. K. (eds). The Urban Geology of Wales 3. National Museum of Wales Geological Series, 26, September 2009, 88-105, Cardiff.
15. **Donnelly, L. J.** 2007. Landslides associated with the Soufriere Hills Volcano, Montserrat, West Indies. In:

- McInnes, R., Jakeways, J., Fairbank J., & Mathie H. (eds). Landslides and Climate Change, Challenges and Solutions. Taylor & Francis Group, London, 311-319.
16. Harrison, M. & **Donnelly, L. J.** 2009. Locating concealed homicide victims; developing the role of Geoforensics. In: Ritz, K., Dawson, L. & Miller, D. (eds). Criminal and Environmental Soil Forensics. Soil Forensics Springer, 197-219.
 17. Donnelly, L. J. 2008 Contributions to: Ruffell, A. R. and McKinley, J. 2008. Geoforensics. Wiley-Blackwell, Chichester, UK.
 18. Donnelly, L. J. Contributions to: Bell, F. G. 2007. Basic Environmental and Engineering Geology. Whittles Publishing, CRC Press, Taylor & Francis Group, 154.
 19. Bell, F. G. & Donnelly, L. J. 2006. Mining and its Impact on the Environment. Taylor/Francis (Spon).
 20. Donnelly, L. J. 2005. Fault reactivation in South Wales and the effects of on ground stability. In: Nichol, D., Bassett, M.G. & Deisler, V. K. (eds) The Urban Geology of Wales 2. National Museum of Wales Geological Series no 24, Cardiff, 99-117.
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 22. Donnelly, L. J. 2000. Book Review: Magmatism and Geodynamics: Terrestrial Magmatism throughout the Earth's History. O. A. Bogatkov (ed). Gordon & Breach, 2000, hardback; xiii + 511pp. ISBN 90-5699-168-X.
 23. Donnelly, L. J., Northmore K. J., & Jermy, C. A. 2000. Fault reactivation in the vicinity of landslides in the South Wales Coalfield. In: Bromhead, E., Dixon, N. & Ibsen, M. L. (eds). Landslides in research, theory and practise. ISSMGE and BGS 8th International Symposium on Landslides, 26-30 June, 2000, 481-486.

Special Book Publications

24. **Donnelly, L. J.**, Pirrie, D., Harrison, M., Ruffell, A. & Dawson, L. A. 2020. A Guide to Forensic Geology. Geological Society of London and International Union of Geological Sciences, Initiative on Forensic Geology (Pending).
25. **Donnelly, L. J.**, Cassella, J., Pirrie, D., Dawson, L., Blom, G., Davidson, A., Arnold, P., Harrison M., Hope, C. 2020. Analysis of soil following a police-led open area search and the recovery of a cold-case homicide grave. Geological Society, London, Special Publications, 492, 29 October 2019 <https://doi.org/10.1144/SP492-2017-337>
26. **Donnelly, L. J.** & Fitzpatrick 2020 (Eds). Forensic Soil Science and Geology. International Union of Geological Sciences, Initiative on Forensic Geology Geological Society of London, Special Publication (Pending).
27. **Donnelly, L. J.** 2020. In D.P. and Griffiths, J.S. (Eds.). Geological Hazards in the UK: their Occurrence, Monitoring and Mitigation. Mining Subsidence. Geological Society, London, Engineering Special Publication (In Prep).
28. **Donnelly, L. J.** 2020. In D.P. and Griffiths, J.S. (Eds.). Geological Hazards in the UK: their Occurrence, Monitoring and Mitigation. Fault Reactivation. Geological Society, London, Engineering Special Publication (In Prep).
29. **Donnelly, L. J.** 2020. In Griffiths, J. S. & Culshaw (Eds). Engineering Geology of Glaciated and Peri-glaciated Terrains. Engineering Group Working Party Report. Geological Society Engineering Geology Special Publication.
30. Culshaw, M. G., Entwisle, D. C., Giles, D. P., Berry, T., Collings, A., Banks, V. J. & **Donnelly, L. J.** 2017. Material properties and geohazards. In: Griffiths, J. S. & Martin, C. J. (Eds.) Engineering Geology and Geomorphology of Glaciated and Peri-glaciated Terrains. Geological Society, London, Engineering Special Publication.
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33. Giles, D., Culshaw, M., **Donnelly, L.**, Evans, D., De Freitas, M., Griffiths, J., Lukas, S., Martin, C., Morley, A.,

- Murton, J., Norbury, D. & Winter, M. 2014. The Geological Society of London Engineering Group Working Party on periglacial and glacial engineering geology. In Lollino, G., Giordan, D., Thuro, K., Carranza-Torres, C., Wu, F., Marinos, P., Delgado, C. (Eds.) *Engineering Geology for Society and Territory*, Vol. 6. *Applied Geology for Major Engineering Projects*, 31-35. Springer.
34. **Donnelly, L. J.** 2008. Communication in geology: A personal perspective and lessons from volcanic, mining, exploration, geotechnical, police and geoforensic investigations. In: Livermann, D.G.E., Pereira, C.P & marker, B. (eds) *Communicating Environmental Geoscience*. Geological Society, London, Special Publication, 305, 107-121.
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Journal Papers

36. **Donnelly, L. J.** and Harrison, M. 2020. The Geoforensic Search Strategy: A High Assurance Search Method to Assist Law Enforcement Locate Graves and Contraband Associated with Homicide, Counter Terrorism and Serious and Organised Crime. *The Journal of the Geological Society of Japan*, Vol 126, No. 8, 443-458.
37. **Donnelly, L. J.** 2017. Special Guest Editor. *Forensic Geology Themed Issued*. Episodes. *Journal of the International Union of Geological Sciences*, June 2017.
38. **Donnelly, L. J.** 2017. Introduction: The Episodes Themed Issue on Forensic Geology and the IUGS Initiative on Forensic Geology. In; Donnelly 2017 (Guest Editor). *Forensic Geology Themed Issued*. Episodes. *Journal of the International Union of Geological Sciences*, June 2017, 96-105.
39. **Donnelly, L. J.** and Ruffell, A. 2017. The Geological Society of London (GSL), Forensic Geoscience Group (FGG): The First Decade, 2006-2016. *Geoscientist*. Volume 26, Number 11, December 2016/January 2017, 10-15. <https://www.geolsoc.org.uk/Geoscientist/DecemberJanuary-2016-17/Forensic-Geoscience-Group-the-first-decade>
40. **Donnelly, L. J.** and Harrison, M. 2017. Ground Searches for Graves and Buried Targets Related to Homicide, Terrorism and Organised Crime. In; **Donnelly, L. J.** (Guest Editor) 2017. *Forensic Geology Themed Issued*. Episodes. *Journal of the International Union of Geological Sciences*, June 2017, 106-117.
41. Di Maggio, R. M., **Donnelly, L.J.**, Al Naimi, K. S., g, P. M., Salvador, F. A. D. S., Dawson, L., Dixon, R., Fitzpatrick, R., Gradusova, O., Nesterina, E., Peleneva, M., Ushacova, O., Galego, C. M. M., Pirrie, D., Ruffell, A., McKinley, J., Schneck, B., Sagripanti, D., Villalba, D., Sugita, R., Wach, G., Silva, R. & Forbes, S. 2017. Global Developments in Forensic Geology. In; Donnelly, L. J. (Guest Editor) 2017. *Forensic Geology Themed Issued*. Episodes. *Journal of the International Union of Geological Sciences*, June 2017, 40 120-131.
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43. Pirrie, D., **Donnelly, L. J.**, Rollinson, G. K., Butcher, A. R., Dawson, L. A., Pirrie, D. 2013. Forensic geology at the International School Science Fair 2013. *Geology Today*. Blackwell Publishing Ltd, The Geologists' Association & The Geological Society of London, *Geology Today*, Vol. 29, No. 6, November–December 2013, p 224-230.
44. **Donnelly, L. J.** & Di Maggio, R. M. 2012. Launch of the International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), in Rome, Italy. *Geoscientist*, The Magazine of the Geological Society of London.
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48. **Donnelly, L. J.** & Harrison M. 2010. Development of Geoforensic Strategy & methodology to Search the Ground for an Unmarked Burial or Concealed Object. Emergency Global Barclay media Limited, July 2010, 30-35.
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54. **Donnelly, L. J.** 2009. A review of international cases of fault reactivation during mining subsidence and fluid abstraction. *Quarterly Journal of Engineering Geology & Hydrogeology*, 42. 73-94.
55. **Donnelly, L. J.** 2009. Operation Colombia. Article on UK & USA geoforensic specialist visit to Bogota, Colombia, April 2009. *Geoscientist*. A. DeWind (reporter), 19(9), September 2009, 6-7
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57. **Donnelly, L. J.** 2008. Contributions to: National Policing Improvement Agency 2009. Body Recovery Briefing Paper. Policing Issues, Scene and Forensic Specialist Considerations. NPIA, Bedfordshire.
58. **Donnelly, L. J.** 2008. Featured in: Earth Scientists, Police & Popular Crime Writers. *Earth Science Ireland*. Magazine of the ES2k Group, Issue 3, Spring 2008, 33.
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66. Bell F. G., **Donnelly, L. J.,** Genske, D. D. & Ojeda, J 2005. Unusual cases of mining subsidence from Great Britain, Germany and Colombia. *Environmental Geology*, 47(5), April, 2005, 620-631.
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 84. **Donnelly, L. J.** & McCann, D. 1997. The Space Beneath Your Feet. Earthwise, Geology for the Community, British Geological Survey, 10, July 1997, 22.
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 90. Naefe, K., Blackmore, C., **Donnelly, L. J.** 2013. Stumbling Rocks. Gold Mines and Gravestones. African Mining, Marc-April 2013, 34-36.

Industry Guidance and Working Reports

91. **Donnelly, L. J.** 2017. Geological Society of London, Geohazards Working Party Report, Fault Reactivation. http://www.ukgeohazards.info/pages/eng_geol/fault_reactivation/eng_geol_fault_reactivation_index.htm
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95. **Donnelly, L. J.** Contribution to British Standard, BS5930 2015: Code of practice for ground investigations. BSI Standards Publication. 4th Edition July 2015. Classification and investigation of Voids 281-284.
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Conference Publications

107. Molina, M. C., **Donnelly, L. J.**, Baena, A. & Salvador, F. 2018. (Eds). 3rd Iberoamerican Seminar on Forensic Geoscience. November 30 and December 1st 2017. La Plata, Argentina.
108. **Donnelly, L. J.** 2018. Welcome & Introduction. In: Molina, M. C., **Donnelly, L. J.**, Baena, A. & Salvador, F. 2018. (Eds). 3rd Iberoamerican Seminar on Forensic Geoscience. November 30 and December 1st 2017. La Plata, Argentina, 1-2.
109. Dawson, L. A., Sampson, A., McConochie., Harrison, K., Mackinnon, G., Jefferies, I., **Donnelly, L. J.** 2015. Soil in search and evidence in the case of a missing person Pamela Jackson. Proceedings of the 3rd International Conference on Engineering Geophysics, Session on Forensic Geosciences, Al Ain, UAE, FG05, 270-273.
110. Somma, R., Silvestro M., Cascio, M., Dawson, L., **Donnelly, L. J.**, Harrison, M., McKinley, J. and Ruffell, A. 2016. The use of a GIS Red-Amber-Green (RAG) system to define search priorities for burials. Geophysical Research Abstracts, Vol. 18, EGU2016-16379, 2016, EGU General Assembly 2016.
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221. **Donnelly, L. J.** & Hardy, D. V. 1998. Thermal, magnetic and electromagnetic geophysics for the detection of abandoned mine workings. British Geological Survey, WN/98/3.
222. **Donnelly, L. J.** 1997. Landslide risk assessment in urban zones in Colombia: BGS & INGEOMINAS Collaboration. British Geological Survey, WN/97/34C.
223. **Donnelly, L. J.** 1997. Catastrophic landslides in Colombia with emphasis on Medellin and Sante fe de Bogota. British Geological Survey, WN/97/35C.
224. **Donnelly, L. J.** 1997. The rationalisation of the Colombian mining industry. Report on visit to Medellin and Santa fe de Bogota, Colombia, September, 1997. British Geological Survey, WN/97/36C.
225. **Donnelly, L. J.** 1997. Nevado del Ruiz volcano, Galeras volcano and the Manzales Volcanological & Seismological Observatory, Colombia, South America. British Geological Survey, WN/97/38C.
226. **Donnelly, L. J.** 1997. Current state of the Colombian mining industry in Antioquia and an underground investigation at Nechi Mine, Sinifana Coal Basin, Colombia, South America. British Geological Survey, WN/97/39C.

227. **Donnelly, L. J.** 1997. Summary of visit to Colombia, South America, September 1997. British Geological Survey, PN/97/13C.
228. **Donnelly, L. J.** 1997. The application of British mining subsidence prediction techniques in a region of tectonic and mining instability. Venecia-Bolombolo, Colombia, South America. British Geological Survey, WN/97/30C.
229. **Donnelly, L. J.** 1997. Field observations and prediction of mining subsidence and tectonic ground deformation in the Amaga-Angelopolis coal basin, Colombia, South America. British Geological Survey, WN/97/29C.
230. **Donnelly, L. J.** 1997. Doing business with Colombia, El Dorado: the land of opportunities. British Geological Survey, PN/97/12.
231. **Donnelly, L. J.** & Jackson, P. D. 1997. Investigations to determine the suitability of geophysics for the delineation of geological faults and ground fissures. Glen Douglas landslide, Loch Long, Scotland. British Geological Survey, WN/97/65C.
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239. **Donnelly, L. J.** 1997. Geophysical techniques in site investigation. British Geological Survey, PN/97/04.
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241. **Donnelly, L. J.** 1997. Rock falls and pyroclastic flows on andesitic domes: observations on the Soufriere Hills Volcano, Montserrat, West Indies. British Geological Survey, WN/97/8R.
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251. **Donnelly, L. J.**, Flint, R. C., Greenwood, P. G., Gunn, D. A., Hallam, J. R., Hobbs, P. R. N., Jones, L., D., Meldrum, P. I., Ogilvy, R. D., Raines, M. G. & Shedlock, S. L. 1996. Technological Foresight & Capability Development. Development of Geotechnical Capability, Project 77BH 1995 to 1996. British Geological Survey, PN/96/9C.
252. **Donnelly, L. J.** 1996. Opportunities for the British Geological Survey in Colombia, Trinidad & Tobago and Venezuela. Report on the visit to Colombia and Trinidad & Tobago, June 1996. British Geological Survey,

- PN/96/15.
253. **Donnelly, L. J.** 1996. Coal mining and oil exploration in Colombia: The Potential Role of the British Geological Survey. British Geological Survey, PN/96/16.
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255. **Donnelly, L. J.** 1996. Contributions to: Report of the Director of the British Geological Survey to the Overseas Development Administration (ODA), 1995/96.
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258. **Donnelly, L. J.** 1996. A rapid mineral exploration reconnaissance survey for a rock aggregate resource, Montserrat, West Indies: A pre-feasibility study in conjunction with the British Task Force. British Geological Survey, WN/96/27.
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260. **Donnelly, L. J.** 1996. Non-contact temperature measurements of the Soufriere Hills volcanic dome, Montserrat, West Indies, using portable infra-red thermometers. British Geological Survey, WN/96/25.
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264. **Donnelly L. J.** 1996. Fault reactivation and mining subsidence ground deformation investigations in the Leicestershire Coalfield on behalf of G.A.B. Robins loss adjusters and Sun Alliance Insurance. British Geological Survey, WN/96/2C.
265. **Donnelly, L. J.** 1996. UK national fault reactivation register: a proposal. British Geological Survey, PN/96/2C.
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International Union of Geological Sciences Reports and Publications

267. **Donnelly, L. J.** 2019. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2019.
268. **Donnelly, L. J.** 2019. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2017.
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270. **Donnelly, L. J.** 2017. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2016.
271. **Donnelly, L. J.** 2016. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Newsletter, Issue June 2017.
272. **Donnelly, L. J.** 2016. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2015.
273. **Donnelly, L. J.** 2016. International Union of Geological Sciences (IUGS). Report of the Initiative on Forensic Geology (IFG). 4th Ordinary Session of the IUGS-IGC Council. CTICC, Auditorium 2, Cape Town, Wednesday 31st August 2016.
274. **Donnelly, L. J.** 2016. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Newsletter, Issue June 2016.
275. **Donnelly, L. J.** 2015. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2014.
276. **Donnelly, L. J.** 2015. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Newsletter, Issue June 2015.
277. **Donnelly, L. J.** 2014. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2013. IUGS-IFG, Manchester, UK, page 18.
278. **Donnelly, L. J.** 2014. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Newsletter, Issue June 2014.

279. **Donnelly, L. J.** 2013. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2012.
280. **Donnelly, L. J.** 2012. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2011.
281. **Donnelly, L. J.** 2011. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Chair Annual Report for 2010.
282. **Donnelly, L. J.** 2011. International Union of Geological Sciences (IUGS), Commission on Geosciences for Environmental Management (GEM), Report on Working Group on Forensic Geology (WGFG) and Establishment of the IUGS Initiative on Forensic Geology. Submitted to 62nd Executive Committee of the IUGS. UNESCO Headquarters, Paris, France, Tuesday 22nd February 2011.
283. **Donnelly, L. J.** 2009. International Union of Geological Sciences (IUGS), Commission on Geoscience for Environmental Management (GEM), Geoforensics: A Global Perspective. GEM Newsletter, December 2009, 2-7.
284. **Donnelly, L. J.** 2008. Considerations for a Working Group Forensic Geology. Submitted to the International Union of Geological Sciences, Commission for Geoenvironmental Management, 5th Annual Business Meeting of IUGS-GEM Oslo, Norway, 8th and 9th August 2008.

Geological Society of London Reports and Publications

285. **Donnelly, L. J.** 2017. Contribution to Pringle, J. Geological Society of London (GSL), Forensic Geosciences Group (FGG) Annual Report for 2016, 10th May 2016.
286. **Donnelly, L. J.** 2011. Geological Society of London (GSL), Forensic Geosciences Group (FGG). Chair Annual Report for 2010.
287. **Donnelly, L. J.** 2011. Report by the Chair on the Establishment of the Geological Society's Forensic Geosciences Group and a Summary of the first five years. LJD/GSL-FGG/001, 31st December 2011.
288. **Donnelly, L. J.** 2010. Geological Society of London (GSL), Forensic Geosciences Group (FGG). Chair Annual Report for 2009.
289. **Donnelly, L. J.** 2009. Geological Society of London (GSL), Forensic Geosciences Group (FGG). Chair Annual Report for 2008.
290. **Donnelly, L. J.** 2008. Geological Society of London (GSL), Forensic Geosciences Group (FGG). Chair Annual Report for 2007.
291. **Donnelly, L. J.** 2007. Geological Society of London (GSL), Forensic Geosciences Group (FGG). Chair Annual Report for 2006.
292. **Donnelly, L. J.** 2006. Geological Society of London (GSL), Forensic Geosciences Group (FGG). Chair Annual Report for 2005.
293. **Donnelly, L. J.** 2006. First inaugural meeting of the Geological Society of London, Forensic Geoscience Group. Geoscientists at Crime Scenes. Forensic Geoscience Group Meeting, Geological Society of London, Burlington House, 20 December 2006.
294. **Donnelly, L. J.** 2005. Considerations for a Geological Society of London Forensic Geology Specialist Group. The Geological Society, London. Submitted to the Geological Society of London, Executive Secretary and Science Council, December 2005.
295. **Donnelly, L. J.** 2002. Finding the silent witness. The Geological Society of London, Geoscientist, 12(5), May 2002, 16-17. (How forensic geology helps solve crime. All-Party Parliamentary Group for Earth Science. Westminster Palace, House of Commons, 12 March 2002.)
296. **Donnelly, L. J.** 2002. How forensic geology helps solve crime. All-Party Parliamentary Group for Earth Science. Westminster Palace, House of Commons, 12 March 2002.

Presentations, Invited Guest Lecturers, and Keynote Lectures

1. **Donnelly, L. J.** 2020. The applications of forensic geology in minerals, mining and metals. MSc, Advanced Applied Field Science, University of South Wales, University of South Wales, Treforest, Pontypridd, South Wales, Tuesday 12 January 2020, 10:00-12:00, guest lecture.
2. **Donnelly, L. J.** 2020. International Union of Geological Sciences (IUGS): Initiative on Forensic Geology (IFG) Annual Report for 2019. 74th IUGS Executive Committee Meeting, Ibis Ambassador Busan Haeundae Hotel Busan, South Korea, Wednesday 15 January 2020, 16:15-1630.
3. **Donnelly, L. J.** 2019. Forensic Geology: Searches Related to Missing Persons, Homicide Graves, Counter Terrorism and Serious and Organised Crime. Rossendale & Pendle Mountain Rescue Team. Units 6,7,8, Farrington Court, Farrington Industrial Estate, Burnley, Thursday 5 December 2019, 2000-2100.
4. **Donnelly, L. J.** 2019. Minerals, Rock and Ore. Training for AHK, Pegasus House, Meeting Room 6, Thursday 28

- November 2019, 1400-1500.
5. Donnelly, L. J. 2019. Mining Methods Training for AHK, Pegasus House, Meeting Room 6, Thursday 25 September 2019, 1400-1500.
 6. **Donnelly, L. J.** 2019. Introduction to Coal. Knight Energy Services, Unit 1 Palmermount Industrial Estate, Bypass Rd, Dundonald, Kilmarnock, Scotland, 23 January 2019. 09:00-10:00.
 7. Donnelly, L. J. 2019. Coal Exploration, Resources, Mining and Geohazards. Knight Energy Services, Unit 1 Palmermount Industrial Estate, Bypass Rd, Dundonald, Kilmarnock, Scotland, 23 January 2019. 10:30-11:30.
 8. **Donnelly, L. J.** 2019. Coal Uses and Analysis. Knight Energy Services, Unit 1 Palmermount Industrial Estate, Bypass Rd, Dundonald, Kilmarnock, Scotland, 23 January 2019. 13:00-14:00.
 9. **Donnelly, L. J.** 2019. The Applications of Geology to Police and Law Enforcement. The Sherlock Homes Society of London. 2019 Richard Lancelyn Green Lecture, National Liberal Club, 1 Whiteall Place, London, Thursday 17 October 2019, 18:00-20:30.
 10. **Donnelly, L. J.** 2019. International Union of Geological Sciences (IUGS): Initiative on Forensic Geology (IFG) Annual Report for 2019. International Union of Geological Sciences, 73rd Executive Committee Meeting Fragrant Hill Hotel, Beijing, China, Wednesday 27 February 2019, 16:00-16:15.
 11. **Donnelly, L. J.** 2019. The Applications of Geology to Police and Law Enforcement. Nottingham Trent University
 12. Department of Chemistry and Forensic Science, the MSc course on Forensic Science, Clifton Campus, Clifton Lane, Nottingham, Wednesday 9 September 2019, 13:00-15:00.
 13. **Donnelly, L. J.** 2019. Overview of AHK Operations in mineral, mining and metals. Ministry of Natural Resources, Kyrgyzstan Government, Bishkek, Kyrgyzstan, Monday 14 January 2019, 13:00-14:00.
 14. **Donnelly, L. J.** 2019. The role of forensic geology in the investigation and mitigation of fraud, fakery and theft, in the mining, minerals & metals industry. AHK Africa, Lubumbashi, Democratic Republic of Congo, Tuesday 19 November 2019, 15:00-16:00.
 15. **Donnelly, L. J.** 2019. The role of forensic geology in the investigation and mitigation of fraud, fakery and theft, in the mining, minerals & metals industry. AHK South America, Hotel Plaza El Bosque Erbo, Ebro 2828, Las Condes, Santiago, Región Metropolitana, Santiago, Chile, 2 April 2019, 09:30-10:00.
 16. **Donnelly, L. J.** 2019. The role of forensic geology in the investigation and mitigation of fraud, fakery and theft, in the mining, minerals & metals industry. AHK China, Tianjin Downtown office, Thursday 28 November 2019, 14:00-16:00.
 17. **Donnelly, L. J.** 2019. Countering Fraud and Corruption in Minerals and Mining. PKF Accountants and Business Advisers, Thursday 4 July 2019, AHK Pegasus House, Meeting Room 6, 12:00-13:00.
 18. **Donnelly, L. J.** 2019. Introduction to the Geology of Precious Metals and Platinum Group Metals. Thursday 21 February 2019, AHK Pegasus House, Meeting Room 6, 13:00-14:00.
 19. **Donnelly, L. J.,** Pirrie, D & Ruffell, A. 2019. The role of forensic geology in the investigation and mitigation of fraud, fakery and theft, in the mining, minerals & metals industry. Environmental & Criminal Forensics, Session 3: Trace Evidence, Wednesday 5 December 2018, Geological Society of London, Burlington House Piccadilly, London, 15:20-15:35.
 20. **Donnelly, L. J.,** Harrison, M & Grime, M. 2019. Geological, Geomorphological & Hydrogeological Influences on Victim Recovery Dog (VRD) Responses During the Search for a Homicide Grave in Peat. Environmental & Criminal Forensics, Session 3: Trace Evidence, Wednesday 5 December 2018, Geological Society of London, Burlington House, Piccadilly, London, 12:45-13:00.
 21. **Donnelly, L. J.** 2018. Tribute to Raymond Murray, Forensic Geologist. Environmental & Criminal Forensics, Geological Society of London, Burlington House, Piccadilly, London, Wednesday 5 December 2018, 09:00-09:30.
 22. **Donnelly, L. J.** 2018. The role of forensic geology in the investigation and mitigation of fraud, fakery and theft, in the mining, minerals & metals industry. AHK UK, Crown Plaza Hotel, St Nicholas Place, Princes Dock, Pier Head, Liverpool, Tuesday 26 March 2019, 09:30-10:30.
 23. **Donnelly, L. J.** 2018. The role of forensic geology in the investigation and mitigation of fraud, fakery and theft, in the mining, minerals & metals industry. AHK Mexico, Manzanillo, Thursday 9 August 2018, 10:00-11:00.
 24. **Donnelly, L. J.** 2018. The Geoforensic Search Strategy: A Ground Search Method for Burials Associated with Homicide Graves, Counter Terrorism and Organised Crime. Federal Bureau of Investigation, (FBI), Laboratory, Quantico, Virginia, USA, Thursday 13 December 2018, 10:00-14:00.
 25. **Donnelly, L. J.** 2018. International Union of Geological Sciences (IUGS): Initiative on Forensic Geology (IFG), Annual Report for 2017. International Union of Geological Sciences, 72nd Executive Committee Meeting Deutsches GeoforschungsZentrum (GFZ), Potsdam, Germany, 23 January 2018, 16:00-16:15.
 26. **Donnelly, L. J.** 2018. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Initiation of Forensic Geology in India, Planning for Forensic Geology Session, 36th International Geological Congress, Delhi India, March 2020. Hotel Bright, New Delhi, India, 11 November 2018.
 27. **Donnelly, L. J.** 2018. Introduction to Forensic Geology and the Initiation of Forensic Geology in India, Hotel Bright, New Delhi, India, 10 November 2018.

28. **Donnelly, L. J.** 2019. The Applications of Geology to Police and Law Enforcement. Nottingham Trent University Department of Chemistry and Forensic Science, the MSc course on Forensic Science, Clifton Campus, Clifton Lane, Nottingham, Wednesday 17 September 2019, 13:00-15:00.
29. **Donnelly, L. J.** 2018. The Applications of Geology to Police and Law Enforcement. Ove Arup & Partners 6th Floor, 3 Piccadilly Place, Manchester, Thursday 1st February 2018, 12:00-13:00 & 13:00-14:00.
30. **Donnelly, L. J.** 2018. Development of Search Strategy to Locate Burials Home Office, Centre for Applied Science & Technology (CAST) START, Sandridge, St Albans, Herts, AL4 9HQ, LHS Conference Room, 12th January 2018, 12:00-17:00
31. **Donnelly, L. J.** 2017. Forensic Geology: The Applications of Geology to Police and Law Enforcement. Geological Society of America, Annual Meeting, Lunchtime Enlightenment, Feed Your Brain, Washington Convention Centre, Ballroom 6A, Seattle, USA, Wednesday 25th October 2017, 12:15 - 13:15.
32. **Donnelly, L. J.,** Boddy, J. 2017. An Overview of Landslides in the United Kingdom, and the Investigation and Remediation of the Chipping Campden Landslide. Current Trends in Landslide Monitoring: New Techniques, Methods, Successes, Failures and Case Studies, Session No. 59, Conference Centre, Skagit 5, Sunday 22 October 2017, 16:30-16:45
33. **Donnelly, L. J.** 2017. Sharing an Uncertain World: Lessons in Managing Risk Communicating Geoscience Risk. The Geological Society, Burlington House, London, Thursday 13 July 2017, 13:30-14:30.
34. **Donnelly, L. J.** 2017. Forensic Geology Front Line Operational Services for Police and Law Enforcement Investigations and the Evaluation of Associated Risks. The Geological Society, Burlington House, London, Thursday 13 July 2017, 11:00-11:20
35. **Donnelly, L. J.** 2017. Contribution to; Harrison, L. 2018. Missing Persons Conference, Sydney, Australia, December 2017.
36. **Donnelly, L. J.** 2017. Provision of vibration Monitoring Services for Onshore Wells. Shale Gas Operator. London, 5 October 2017, 10:00-11:00 (confidential).
37. **Donnelly, L. J.,** Fitzpatrick, R. 2017. International Union of Geological Sciences, Initiative on Forensic Geology. Health Sciences Authority (HSA), Forensic Chemistry and Physics Laboratory, Singapore, 10th September 2017. Presented by R. Fitzpatrick.
38. **Donnelly, L. J.,** Fitzpatrick, R. 2017. International Union of Geological Sciences, Initiative on Forensic Geology. Institute of Forensic Science, Ministry of Public Health, Division of Trace Evidence Analysis, China. 23 September 2017. Presented by R. Fitzpatrick.
39. **Donnelly, L. J.** 2017. Contribution to; Pirrie, D. Ground search for burials. University of South Wales, 28 February 2017.
40. **Donnelly, L. J.** 2017. The Applications of Geology to the Police and Law Enforcement. East Anglia Region group, Geological Society of London, University of East Anglia Room 2.03, Zicer Building, Thursday 4 May 2017, 19:00-20:00.
41. **Donnelly, L. J.** 2017. Geological applications to ground investigation. Greater Manchester Police, Tactical Aid Unit, Claytonbrook, Manchester, Friday 13 January 2017, 11:00-12:30.
42. **Donnelly, L. J.** 2017. University Careers Event. Liverpool John Moores University, Lower James Parson Lecture Theatre, Thursday 9 March 2017, Liverpool.
43. **Donnelly, L. J.** 2017. The Applications of Geology to the Police and Law Enforcement to Investigate Crimes. T Queens University Belfast, Department of Natural and Built Environment, Belfast, Northern Ireland, Monday 27 January 2017, 13:05-13:50.
44. **Donnelly, L. J.** 2017. Contribution to; Dawson, L. 2017. The Applications of Geology to the Police and Law Enforcement. Scottish Historical Society, January 2017.
45. **Donnelly, L. J.** 2017. Contribution to; Dawson, L. 2017. The Applications of Geology to the Police and Law Enforcement. Royal Institution, London, 30th November 2017.
46. **Donnelly, L. J.** 2016. Geology and the Geological Profession. The Princess Trust, Arup, Manchester, 21 November 2016.
47. **Donnelly, L. J.** 2016. The Applications of Geology to the Police and Law Enforcement. Geological Society of London, East Midlands Regional Group. British Geological Survey, De La Beche Conference Suite. Keyworth, Nottingham, Tuesday 14 June 2016, 19:00-20:30.
48. **Donnelly, L. J.,** Calvo, J. 2016. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). 69th Executive Committee Meeting, Kunming, China, 22 January 2016.
49. **Donnelly, L. J.** 2016. Forensic Archaeology Case Study & CPD Workshop on RAG Mapping for Forensic Search. Forensic Geology Ground Searches for Burials: Assessment of Diggability and the RAG Prioritisation System. University of Bradford, Department of Archaeology, Saturday 22 October, 14:15-14:45.
50. **Donnelly, L. J.** 2016 and Di Maggio, R. M. 2016. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). An Overview. Brazilian Federal Police, Brazil, December 2016.
51. **Donnelly, L. J.** 2015. A presentation was delivered on forensic geology to St Christopher's High School, in Lancashire, England, years 7 to 13 pupils as part of the 'Aspirations Programme', 1 December 2015, 15:00-16:00.
52. **Donnelly, L. J.** 2015. A Collaborative Methodology for Ground Searches: Detecting Evidence Related to

- Homicide, Terrorism and Organised Crime. An Garda Siochana Headquarters. The Independent Commission for the Identification of Victims Remains, Dublin, Ireland. Thursday 2nd June 2017, 14:00-15:00.
53. **Donnelly, L. J., Ruffell, A., Knuffer, G.** 2016. Geological Changes at Homicide Graves and the Influence on Search Strategies. 5th European Meeting on Forensic Archaeology, Dublin Castle, Dublin, Ireland, 11 August 2016, 14:40-15:05.
 54. **Donnelly, L. J.** 2016. Forensic Geology: The Applications of Geology to the Police and Law Enforcement. Institute of Geologists of Northern Ireland, Geological Survey of Northern Ireland. Thursday 2 June 2017, 19:10-20:00.
 55. **Donnelly, L. J.** 2016. The Applications of Geology to the Police and Law Enforcement Investigations. Geological Society of London, Yorkshire Regional Group. The Aldephi Hotel, Leeds, Wednesday 3 February 2106, 19:00-20:00.
 56. **Donnelly, L. J.** 2015. The Applications of Geology to the Police and Law Enforcement. The Institution of Civil Engineers Wales, Sefydliad y Peirianwyr Sifil Cymru, CIWEM & The Geological Society Southern Wales Branch, Trevithick Lecture Theatre, Cardiff School of Engineering, Thursday 5 February 2015, Cardiff, 18:00-19:00hrs
 57. **Donnelly, L. J.** 2015. The Applications of Geology to the Police and Law Enforcement. Hertfordshire Geological Society, Verulamium Museum, St Michael's St, St Albans, Hertfordshire, Thursday 1 October 2015, 19:30-20:30.
 58. **Donnelly, L. J., Harrison, M.** 2015. A Collaborative Methodology for Ground Searches by a Forensic Geologist and Law Enforcement (Police) Officer: Detecting Evidence Related to Homicide, Terrorism and Organized Crime. Conference on Engineering Geophysics. Monday 16th November 2015, Session 1: Near Surface Geophysics for Forensic Applications, Al Ain, UAE, 11:20am to 11:40am .
 59. **Donnelly, L. J.** 2015. Contribution to Dawson, L. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Presentation to Lord Advocate, Scotland, November 2015.
 60. **Donnelly, L. J.** 2015. Evaluation of geohazards and mining hazards. Presentation for Advisian. The New Elligton Gin Garden and Bar, Leeds, 23 February 2015, 13:40-14:15.
 61. **Donnelly, L. J.** 2015. The Applications of Geology to the Police and Law Enforcement. Geologists' Association, Festival of Geology, University College London, Gower Street, London, Saturday 1 November 2014, 15:00-15:45.
 62. **Donnelly, L. J.** 2015. An introduction to Geology. What to Geologists do? St. Christopher's Church of England High School, Accrington, Lancashire, Monday 1 December 2015, 15:45-17:00.
 63. **Donnelly, L. J.** 2015. A Collaborative Methodology for Ground Searches: Detecting Evidence Related to Homicide, Terrorism and Organised Crime. Police National Search Centre, College of Policing, Ryston-on-Dunmore, Coventry, Friday 18 December 2015.
 64. **Donnelly, L. J., Wach, G.** 2015. International Union of Geological sciences (IUGS), Initiative on Forensic Geology: An Overview of IUGS-IFG & 2014 Summary. IUGS 68th Executive Committee Meeting, Vancouver, Canada, 27 January 2015, 14:15-15:00.
 65. **Donnelly, L. J.** 2015. History and Background of Searches for Burials and Police Applications. Università Degli Studi Di Messina, Dipartimento di Scienze dell'Ambiente, della Sicurezza, del Territorio, degli Alimenti e della Salute, (S.A.S.T.A.S.) "Carmelo Abbate", Wednesday 10 June 2015, 11:15-11:45.
 66. **Donnelly, L. J.** 2015. **Design of a Search Strategy, Methodology and Management.** Università Degli Studi Di Messina, Dipartimento di Scienze dell'Ambiente, della Sicurezza, del Territorio, degli Alimenti e della Salute, (S.A.S.T.A.S.) "Carmelo Abbate", Wednesday 10 June 2015, 14:45-15:15.
 67. **Donnelly, L. J., Peffers, G.** 2015. Specialist Scientific Support to Search. Leicestershire Police Headquarters. St John's, Enderby, Leicestershire, Thursday 27 March 2015.
 68. **Donnelly, L. J.** 2015. Contribution to; Forbes, S. Forensic Geology, Ground Searches for Burials. Victoria Police, Australia, October 2015.
 69. **Donnelly, L. J., Vass, A., Harrison, M., Grime, M.** 2015. Geological Controls on Victim Recovery Dog (VRD) Responses During the Search for Homicide Graves. Cambridgeshire Police Headquarters, Hinchingsbrooke Park, Huntingdon, Cambridgeshire, Monday 12 May 2014, 13:25-14:20.
 70. **Donnelly, L. J.** 2015. A Geological Methodology for Ground Searches: Detecting Buried Evidence Related to Homicide, Terrorism and Organized Crime. West Yorkshire Police, Scientific Support Services HQ
 71. Calder Park, Business Park, Wakefield, West Yorkshire, May 2015.
 72. **Donnelly, L. J., Bobrowsky, P.** 2014. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Summary of Events and Activities during 2013. 67 Executive Committee Meeting, Goa, India, 8th-10th February 2014.
 73. **Donnelly, L. J.** 2014. The Applications of Geology to the Police and Law Enforcement. The Geological Society, South East Regional Group, Mott MacDonald House, Croydon, London, Tuesday 18 February 2014, 17:30-18:30.
 74. **Donnelly, L. J., Peffers, G.** 2014. The Last Remaining Moors Murders Victim Search of Saddleworth Moor for Keith Bennett. Greater Manchester Police, Nexus House, Manchester, Friday 28 February 2014, c08:00-09:00.
 75. **Donnelly, L. J.** 2014. The Geological Society of London, Northwest Regional Group, Careers Afternoon.

- University of Manchester, Schuster Building, Brunswick Street, Wednesday 5 March 2014, c13:30-13:42.
76. **Donnelly, L. J.** 2014. Evaluation of mining hazards and geohazards. Network Rail, Wyvern House, Railway Terrace, Derby, Wednesday 12 February 2013, 11:00-12:00.
 77. **Donnelly, L. J.** 2014. Operation Ben: Overview of Potential Geochemical Soil Sampling. South Yorkshire Police Specialist Crime Services, Sheffield, Friday 14 February 2014, 10:00-12:00.
 78. **Donnelly, L. J.** 2014. The Applications of Geology to the Police and Law Enforcement. University of Oxford
 79. Department of Earth Sciences, South Parks Road, Oxford, Thursday 3 July 2014, 19:30-20:30.
 80. **Donnelly, L. J.** 2014. The Applications of Geology to the Police and Law Enforcement. The Geological Society, Western Regional Group, Atkins, Bristol, Tuesday 15 July 2014, c18:30-19:30.
 81. **Donnelly, L. J.** 2013. Mineral exploration and Resources. Balamara Resources, Wednesday 11 December 2013, PRGW, Katowice, Poland.
 82. **Donnelly, L. J.** 2013. The Design and Optimisation of Mineral Exploration. Mining Advisory Council, Norton Rose Fulbright Moscow Offices, White Square Office Center, Butyrsky Val Str. 10, Bldg. A, Floor 3,
 83. Moscow, Russia, Thursday 24 October 2013, c18:20-18:40.
 84. **Donnelly, L. J.** 2013. A Forensic Geology Ground Search Strategy for Police Officers. Abu Dhabi Police GHQ. Police Headquarters, Abu Dhabi, Thursday 27 November 2013, c08:30-09:00.
 85. **Donnelly, L. J., Ferguson, M.** 2013. Application of marine search technology for concealed items. UAE Navy (Armed Forces) and Coast Guard. Abu Dhabi, Wednesday 26 November 2013, c14:00-17:00.
 86. **Donnelly, L. J.** 2013. Keynote Presentation: The Application of Forensic Geology and Geophysics for Police and Law Enforcement Ground Searches. 2nd International Conference on Engineering Geophysics Al Ain, UAE, Monday 25 November 2013, 08:40-09:00
 87. **Donnelly, L. J.** 2013. The Design and Optimisation of Mineral Exploration. Mining Advisory Council, Moscow, 24 October 2013.
 88. **Donnelly, L. J.** 2013. Unconventional Energy. Cluff Natural Resources, , 5-8 The Sanctuary, London. Thursday 26 September 2013, c13:00-14:00
 89. **Donnelly, L. J.** 2013. The Applications of Geology to the Police and Law Enforcement. British Geological Survey, Keyworth, Nottingham, Tuesday 23 July 2013, 13:00-14:00.
 90. **Donnelly, L. J.** 2013. Introduction to Geology. Christ the King Roman Catholic School, Calderbrook Avenue, Burnley, Lancashire, Friday 5 July 2013, 10:45-12:00.
 91. **Donnelly, L. J., Ruffell, A.** 2012. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), San Sebastian, Spain, 14 February 2012
 92. **Donnelly, L. J.** 2012. The Moors Murders. The Search to Locate the Remains of Keith Bennett on Saddleworth Moor, Manchester, United Kingdom, Greater Manchester Police, Sedgley Park, Manchester
 93. Monday 4 December 2011, 19:30-21:00.
 94. **Donnelly, L. J. & Culshaw, M. G.** 2012. Voids and subsidence: Their associated geotechnical risks in and around Abu Dhabi and Dubai, United Arab Emirates. 34th International Geological Congress, Engineering Geological Challenges For Our Ever Growing Cities, Plaza Meeting Room 4, Monday 6 August 2012, 14:15-14:30, Brisbane, Australia.
 95. **Donnelly, L. J.** 2012. Recent Advances in Search and the Geological (Trace) Evidence Aspects of Forensic Geology for Police and Law Enforcement Investigations. 34th International Geological Congress (IGC2012), Forensic Geoscience Session, Brisbane, Australia, 5-10 August 2012 (pending).
 96. **Donnelly, L. J.** 2012. Determination of a Forensic Geology and Police Search Strategy to Locate Shallow Burials Associated with Crime. The Geological Association of Canada (GAC) and the Mineralogical Association of Canada (MAC) Annual Meeting. St. John's, Newfoundland, Canada, 27-29 May 2012 (pending).
 97. **Donnelly, L. J.** 2012. How Forensic Geology can help in the solving of crimes. Neston Cricket Club, Station Road, South Wirral, Cheshire, Monday 11 June 2012, 18:30-20:00 (pending).
 98. **Donnelly, L. J.** 2012. How do Geologists' help the Police Investigate Crime? The Applications of Forensic Geology to Geological (Trace) Evidence and Search. The De Le Beche Society, 1 March 2012, 17:00-18:00 London
 99. **Donnelly, L. J.** 2012. Developing the Role of Forensic Geology in Policing and Law Enforcement. Central Scotland Group of the Geological Society, 21 February 2012, 18:00-19:00hrs .
 100. **Donnelly, L. J.** 2012. How Forensic Geology can help in the solving of crimes. Blackpool Geographical Association, The Blackpool Sixth Form College, Blackpool, Lancashire, Monday 6 February 2012, 18:30-19:30.
 101. **Donnelly, L. J.** 2012. The Engineering Geology of Wind Farms & Hydroelectric Schemes: Managing Geotechnical Risk. Investigation, Mitigation and Management of Geological and Geotechnical Risks. RWE N Power, RWE npower renewables, North Range East Lodge, Mill Road, Stanley Mills, Stanley Perthshire PH1 4QE, 2nd February 2012, 12:30 – 13:30
 102. **Donnelly, L. J.** 2011. Search Strategies and Geological Techniques to Locate Graves. UK Police and Home Office, Manchester, 4th December 2011, 16:00-20:00
 103. **Donnelly, L. J.** 2011. The Role of Geoforensics (Forensic Geology) in Policing & Law Enforcement: How do Geologists' help the Police Investigate Crime? Liverpool Geological Society, John Moores University, Byrom

- Street, Liverpool, Tuesday 1st November 2011, 19:30-20:30
104. **Donnelly, L. J.** 2011. Inaugural meeting and formal launch of the International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG). Welcome and official launch, Hotel Nord Nuova Roma, Massimo Room, Rome, Italy, Sunday 18 14:30-14:45.
 105. **Donnelly, L. J.** 2011. The Renaissance in Forensic Geology and Events Leading to the Establishment of the IUGS Initiative on Forensic Geology. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Massimo Room, Rome, Italy, Sunday 18 September 2011:45-15:20.
 106. **Donnelly, L. J.** 2011. Update on 'A Guide to Forensic Geology'. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Massimo Room, Rome, Italy, Monday 19 September 2011, 09:20-09:30.
 107. **Donnelly, L. J.** 2011. 34th International Geological Congress 2012, in Brisbane, an update. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Massimo Room, Rome, Italy, Monday 19 September, 15:50-15:30.
 108. **Donnelly, L. J.** 2011. Management, Structure and Objectives of IUGS IFG and Some Challenges Ahead. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Massimo Room, Rome, Italy, Monday 19 September 2011, 16:40-17:10.
 109. **Donnelly, L. J.** 2011. Geoforensic Search Strategy for Graves and Burials. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Training and Development in Trace Evidence and Search for Criminal Investigations, Università di Roma Tre, Faculty of Science, , Tuesday 20 September 2011, 11:00-11:20.
 110. **Donnelly, L. J.** 2011. The Global Renaissance in Forensic Geology & IUGS Initiative. International Union of Geological Sciences (IUGS), Initiative on Forensic Geology (IFG), Training and Development in Trace Evidence and Search for Criminal Investigations, Università di Roma Tre, Faculty of Science, , Tuesday 20 September 2011, 13:00-13:10.
 111. **Donnelly, L. J.** 2011. Sherlock Homes to CSI: How do Geologists Help Solve Crime? The Renaissance in Forensic Geology: Advances in Forensic Geology in the Past Ten Years. British Festival of Science, University of Bradford, Tuesday 13 September 2011, 13:30-13:50
 112. **Donnelly, L. J.** 2011. Advances in Forensic Geology, BBC/Media interview. British Festival of Science, University of Bradford, Tuesday 13 September 2011, 18:00-18:30.
 113. **Donnelly, L. J.** 2011. Geological Risks and Land Developments in Northwest England. Peel Land and Property. The Trafford Centre, Manchester, Friday 8 July 2011, 14:00-15:00.
 114. **Donnelly, L. J.** 2011. Introduction to Forensic Geology. University of Leicester, Department of Geology, Bennett Building, Thursday 24 March 2011, 11:00-12:30
 115. **Donnelly, L. J.** 2011. The Role of Forensic Geology in Policing: Developing a Strategy for Ground Searches and Burials. Northumbria Police Headquarters, North Road, Ponteland, Newcastle upon Tyne, Thursday 10th March 2011, 13:30-15:00
 116. **Donnelly, L. J.** 2011. Presentation on Recent Advances in Forensic Geology. Invited speaker, International Union of Geological Sciences (IUGS), 62nd Executive Committee Meeting, UNESCO Headquarters, Paris, Tuesday 22nd February 2011, 2pm.
 117. **Donnelly, L. J.** 2011. Pennine and Coastal Landslides in Great Britain with particular reference to Lancashire and Derbyshire. Blackpool Geographical Association, The Blackpool Sixth Form College, Blackpool, Lancashire, Monday 7 February 2011, 18:30-19:30.
 118. **Donnelly, L. J.** 2011. The role of Forensic Geology in Policing and Law Enforcement. How do geologists help the Police investigate Crime? Oxford University, Department of Geology, Thursday 10th February 2011, 16:00-17:00.
 119. **Donnelly, L. J.** 2010. Environmental and Criminal Forensics. Invited Chair of session, Geological Society of London, Forensic Geoscience Group Conference, 16 December 2010, Burlington House, London.
 120. **Donnelly, L. J.** 2010. Developing the Role of Forensic Geology (Geoforensics) in Policing & Law Enforcement: How do Geologists help the Police Investigate Crime? Wardell Armstrong International, Monthly Internal Seminars, Wheal Jane, Cornwall, Monday 6 December 2010, 16:00-17:00.
 121. **Donnelly, L. J.** 2010. Forensic Geology in Policing & Law Enforcement. Invited after dinner speaker. Institution of Civil Engineers (ICE), The Geological Society of London (GSL) South Wales Group. Park Plaza Hotel, Cardiff, Thursday 25 November 2010, 21:30-2:30
 122. **Donnelly, L. J.** 2010. The Engineering Geology of Wind Farms. Peel Energy, The Trafford Centre, Manchester, Wednesday 10 November, 10:30-11:00
 123. **Donnelly, L. J.** 2010. An Introduction to Forensic Geology: How may Geologists help the Police to Investigate Crime? Presentation to Los Angeles Police Department (LAPD), Federal Bureau of Investigation (FBI) & Geoforensics Search International (GSSI). Los Angeles Sheriff's Office, 1800 Paseo Rancho Castilla, Los Angeles California, USA, Friday 5th November 2010, 10:30-11:30
 124. **Donnelly, L. J.** 2010. Proposal for 'A Guide to Forensic Geology'. 3rd International Soil Forensics Conference 2010, Long Beach Hyatt Regency Hotel, California, USA. Wednesday 5th November 2010, 14:00-14:30.

125. **Donnelly, L. J.** 2010. Geomorphological and Geoforensic Interpretation of Maps, Aerial Imagery, Conditions of Diggability and the Colour Coded RAG Prioritisation System, in Searches for Criminal Burials (in association with the Australian Federal Police). 3rd International Soil Forensics Conference 2010, Long Beach Hyatt Regency Hotel, California, USA. Wednesday 4th November 2010, 15:30-16:00.
126. **Donnelly, L. J.** 2010. The Staffordshire (Anglo Saxon) Hoard. Saddleworth Archaeological Trust, Masonic Hall, High Street, Uppermill, Tuesday 27 September 2010, 20:00-21:00.
127. **Donnelly, L. J.** 2010. The role of Geoforensics in Policing & Law Enforcement: How do Geologists help the Police Investigate Crime? Yorkshire Geological Society & Hull Geological Society. Theme: Modern Techniques in Geology. University of Hull, Geography Department, Cohen Building, Cottingham Road, Saturday 23rd October 2010, 14:00-15:00.
128. **Donnelly, L. J.** 2010. Geoforensic in Law Enforcement. Keynote Speaker. Earth Science Teachers' Association (ESTA) Conference, 43rd Annual Course and Conference, Department of Geology, University of Leicester, Saturday 18th September 2010, 09:30-10:15.
129. **Donnelly, L. J.** 2010. Geological Techniques in Search. Presentation to the Namibian/South African Police, Friday 8 October 2010, Windhoek, Namibia, 11:00-12:00.
130. **Donnelly, L. J.** 2010. IUGS-GEM Proposal: 'A Guide to Forensic Geology'. Working Group on Forensic Geology Geological Survey of Namibia/Ministry of Mines & Energy Tuesday 5 October 2010, Windhoek, Namibia. Breakout Session.
131. **Donnelly, L. J.** 2010. IUGS GEM Forensic Geology Working Group 2009-2010. Working Group on Forensic Geology Geological Survey of Namibia/Ministry of Mines & Energy Monday 4 October 2010, Windhoek, Namibia Workshops Program A, 11:00-11:30am.
132. **Donnelly, L. J.** 2010. Coal Mining Induced Fault Reactivation. CIRIA Abandoned Mine Workings Manual (RP940). Jury's Inn, Nottingham, 22 April 2010, 11:00-11:30.
133. **Donnelly, L. J.** 2010. Introduction to Forensic Geology and the Search for a Buried Homicide Grave? University of Keele, Department of Geology, Staffordshire, 11 March 2010.
134. **Donnelly, L. J.** 2010. The Engineering Geology of Wind Farms. Peel Energy, The Trafford Centre, Manchester, Wednesday 10 November 2010, 10:30-11:00.
135. **Donnelly, L. J.** & Culshaw, M. G. 2009. Underground voids and their geotechnical significance in the United Arab Emirates. Efficient detection of ground cavities and voids in the UAE. Optimising Foundation Design and Construction in the Middle East. International summit, 2-3 February 2009, Al Bustan Rotana, Dubai, UAE extended abstract.
136. **Donnelly, L. J.** 2009. Introduction to Forensic Geology and the Search for a Buried Homicide Grave? Kingston University, Faculty of Science, School of Geography, Geology and the Environment, Kingston-upon-Thames, London, 17 December 2009.
137. **Donnelly, L. J.** 2009. The Engineering Geology of Wind Farms. Peel Energy, The Trafford Centre, Manchester, Wednesday 10 November 2010, 10:30-11:00.
138. **Donnelly, L. J.** 2009. Geological and the Search for a Buried Homicide Grave. National Policing Improvement Agency (NPIA) & Police National Search Centre (PNSC). Developing the PoISA role to meet the challenges. PoISA Conference, Bournemouth, 11 November 2009.
139. **Donnelly, L. J.** 2009. How do Geologists' Help the Police Solve Crime? Southwest Regional Group of the Geological Society of London, University of Bristol, Department of Geology, 11 March 2009.
140. **Donnelly, L. J.** 2009. Establishment of an International Working Group on Forensic Geology. The International Union of Geological Sciences, Geosciences for Environmental Management, Montevideo, Uruguay, 12 October 2009
141. **Donnelly, L. J.** 2009. How Geologists, Archaeologists & Anthropologists Help the Police Solve Crime. Saddleworth Archaeological Trust, Masonic Hall, Saddleworth, 27 September 2009
142. **Donnelly, L. J.** 2009. Using Geology to Assist in the Search for and Understanding of, Buried Human Remains. International Crime Conference, British Library, London, 15 July 2009
143. First Ibero-American Course on Forensic Geology. Universidad Nacional de Colombia, National Institute of Medical and Legal Geology, Bogota, Colombia, 30 May to 4 April 2009
144. **Donnelly, L. J.** 2009. The Applications of Geology for the Support of Police Investigations. Dutch Police, British Geological Survey, Nottingham, 2 June 2009
145. **Donnelly, L. J.** 2009. Sherlock Homes, Rocks, Soils & Murder. The Geological Society of London, History of Geology Group, Burlington House, 8 April 2009
146. **Donnelly, L. J.** 2009. Subsidence and associated ground movements on the Pennines, northern England. Quarterly Journal of Engineering Geology & Hydrogeology. Symposium-in-Print: Subsidence-Collapse: Occurrence, Impact and Mitigation. University of Birmingham, 4 September 2008
147. **Donnelly, L. J.** 2008. Longwall mining-induced fault reactivation and delayed subsidence ground movements in British coalfields. Quarterly Journal of Engineering Geology & Hydrogeology. Symposium-in-Print: Subsidence-Collapse: Occurrence, Impact and Mitigation. University of Birmingham, 4 September 2008
148. **Donnelly, L. J.** 2008. Forensic Geology & Search Techniques. Greater Manchester Police, Tactical Aid Unit,

- GMP Clayton Brook Police Station, 4 January 2008
149. **Donnelly, L. J.** 2008. Forensic Geology & Crime Scene Searches for Missing Persons. Institute of Criminal Investigations, Department of Geology, University of Porto, Faculty of Geology, Science & Chemistry, Portugal, 12 July 2008
 150. **Donnelly, L. J.** 2008. Homicide Search for an Unmarked Homicide Grave. University of Tennessee, Department of Forensic Anthropology & The Body Farm (FBI Facility), 4 August 2008
 151. **Donnelly, L. J.** 2008. Forensic Geology and Homicide Search. University of Tennessee, Department of Forensic Anthropology & The Body Farm, 22 April 2008
 152. **Donnelly, L. J.** 2008. How do Geologists Help the Police Solve Crime? A Presentation on Forensic Geology. Manchester Museum Public Lecture, Oxford Road, Manchester, 12 May 2008
 153. **Donnelly, L. J.** 2008. The Role of Geoforensics in helping the Police investigate crimes and the launch of 'Geoforensics'. Queens University Belfast, Department of Geography, 13 March 2008
 154. **Donnelly, L. J.** 2008. Forensic Geology Overview and Cases. University of Leicester, Department of Geology, March 2007, 2008 & 2009.
 155. **Donnelly, L. J.** 2008. Landslides and Ground Deformation in Derbyshire. East Midlands Regional Group of The Geological Society, British Geological Survey, Nottingham, 28 June 2008.
 156. **Donnelly, L. J.** 2007. How do Geologists' Help the Police Solve Crime? Leicester University Literacy & Philosophical Society, University of Leicester, 3 October 2007
 157. **Donnelly, L. J.** 2007. Homicide Victim Searching It's a Team Effort. Soil Forensic International, Edinburgh, 1 November 2007.
 158. **Donnelly, L. J.** 2007. The coordinated approach of multidisciplinary teams to locate concealed victims of homicide, developing the role of forensic landscape investigation. Soil Forensics International, Edinburgh, 30 October 2007.
 159. **Donnelly, L. J.** 2007. Geological Techniques to Investigate Crime. Denver Police Headquarters, Denver, Colorado, USA, 27 October 2007.
 160. **Donnelly, L. J.** 2007. Mining & Its Impact on the Environment. Geological Society America, Engineering Division, Denver, Colorado, USA, 27 October 2007.
 161. **Donnelly, L. J.** 2007. Engineering Geology and Geophysical Investigations of a Slope Failure, Edinburgh Castle. The Central Scotland Regional Group of the Geological Society, British Geological Survey, Murchison House, Edinburgh, 11 April 2006.
 162. **Donnelly, L. J.** 2007. How do Geologists' Help the Police Solve Crime? Northeast Regional Group of the Geological Society of London, ARUP office, Newcastle-upon-Tyne, 20 February 2007.
 163. **Donnelly, L. J.** 2007. The Evolution of the Saddleworth Landscape in relation to Archaeology. Saddleworth Archaeological Trust, Masonic Hall, Saddleworth, 10 April 2007.
 164. **Donnelly, L. J.** 2006. First Inaugural Meeting of the Geological Society of London Forensic Geoscience Group & Geoscientists at Crime Scenes. The Geological Society, Burlington House, London, 20 December 2006
 165. **Donnelly, L. J.** 2006. How do Geologists' Help the Police Solve Crime? Halcrow Group Limited, 31 August 2006.
 166. **Donnelly, L. J.** 2005. Geological and Geohazards Investigation at a High Altitude Mine, NW Pakistan & Afghanistan. IMM and Geological Society of London, University of Wales, Cardiff, 13 December 2005.
 167. **Donnelly, L. J.** 2005. Geological Methods & Techniques to Search for Missing Objects and Buried Graves. National Policing Improvements Agency (NPIA), National Crime Organisation Faculty (NCOF), Ministry of Defence and JARIC, Royal Air Force (RAF), Brampton, 27 July 2005.
 168. **Donnelly, L. J.** 2005. Fault Reactivation in South Wales. Urban Geology Wales 2. National Museum Wales, Cardiff, 29 November 2005
 169. **Donnelly, L. J.** 2004. Helping the Police with their Inquires. CENTREX, Harperley Hall, Durham, 24 November 2004.
 170. **Donnelly, L. J.** 2003. Mining Hazards, Mine Gas, Mine Water and Safety in Underground Mines. Presentation to Mining Engineers Delegation from the Ukraine, Edinburgh, 17 March 2003.
 171. **Donnelly, L. J.** 2002. The Moors Murders Search and Forensic Geology, House of Commons, Westminster Palace, London, 31 March 2002.
 172. **Donnelly, L. J.** 2005. How do Geologists & Geomorphologists help to solve crimes? Police Service Northern Ireland and Queens University Belfast, Belfast, 9 December 2005
 173. **Donnelly, L. J.** 2005. Geology, Mining and Geological Hazards. Holy Saviour Roman Catholic School Burnley, 16 June 2005
 174. **Donnelly, L. J.** 2003. An Introduction to Forensic Geology and Helping the Police with their Inquires. Scott Wilson, Chesterfield, Derbyshire, June 2003.
 175. **Donnelly, L. J.** 2002. Geological Investigations and the Search of Saddleworth Moor. Saddleworth Round Table Society, Uppermill, November 2002
 176. **Donnelly, L. J.** 2000. Geological and Mining Hazards. St. Bede's School, Manchester, Christmas Guest Lecture, December 2000

Teaching, Training, Mentoring and Coaching

1. 2019-2020: Advice and guidance for new BSc module, Forensic Geology, University of Warsaw, Poland.
2. 2019-2020: Advice and guidance for new MSc, Advanced Applied Field Science, University of South Wales.
3. 2019: Mentoring Jonathan Walls, Member, Institute of Materials, Minerals and Mining.
4. 2018: Mentoring Rob Dunn, Member, Royal Society of Chemistry.
5. 2017: Guidance on glacial hazards, PhD research, University of Liverpool, UK.
6. 2017: Guidance BSc project on ground search. Queens University Belfast and UK Centre for Applied Science and Technology.
7. 2016: Co-design of training on crime scene examination and search. Brazilian Federal Police.
8. 2015: Training for CPD event, Police National Search Centre, Coventry, UK.
9. 2015: Co-design of training on geology and forensic geology, Japan National research Institute of Police, Nagano, Japan.
10. 2015: Provision of presentation material for training Brazilian Federal Police to locate concealed items, Australia.
11. 2014: Provision of presentation material for training Victoria Police to locate concealed items, Australia.
12. 2013: Design and delivery of forensic geology course at International School Fair, Camborne International Academy.
13. 2010-2011 and 2014. Guest lecturers for the Earth Science Teachers Association (ESTA), UK.
14. 2014-2015: Technical committee, guest lecturer and co-course designer: New MSc in Forensic Geology, University of Messina, Sicily, Italy.
15. 2013: Practical demonstration of water searches, Abu Dhabi Navy (Armed Forces) and Abu Dhabi Guard.
16. 2013: Design and delivery of training and capacity building in geology, geophysics, search. Abu Dhabi Police.
17. 2013: Co-design of training on crime scene examination and search. Brazilian Federal Police.
18. 2013: Design and delivery of training in geology, geophysics and search. Serious Organised Crime Agency, Leicester, UK.
19. 2013: Design and delivery of training and capacity building in geology, geophysics, search and geological trace evidence. Russian Federal Centre of Forensic Science, Ministry of Justice, Moscow, Russian Federation.
20. 2012: Design and delivery of training in geology, geophysics and search. National Policing Improvement Agency (NPIA), Arts & Humanities Research Council, Serious Organised Crime Agency (SOCA), Coventry, UK.
21. 2011: Design and delivery of formal teaching and training course of geology and forensic geology. Australian Federal Police.
22. 2009: Co-design and delivery of training on crime scene examination and search. Colombian Federal Police.
23. 2004-2008: Design and delivery of training in geology, geophysics and search, Greater Manchester Police, Tactical Aid Unit.
24. 1999: PhD external examiner, mining subsidence and pillar stability, Nottingham Trent University.
25. 2001: PhD external examiner, rock mechanics and centrifuge modelling of mining subsidence, University of Nottingham.
26. 2004-2009: Establishment of new forensic geology module, University of Leicester, Department of Geology.
27. 2002-2006: Informal PhD external supervisor, Minewater Rebound, University of Birmingham, UK.
28. 1998-2003: British Geological Survey, Research Fellow: Responsible for various in-house course on geohazards, mining hazard, geomorphology, geophysics, mineral exploration and mining.
29. 1997-2001: Nottingham Trent University & British Geological Survey. Designed and presented lectures for two MSc course in geotechnical engineering and geological hazards. Courses included rock mechanics, soil mechanics, stratigraphy, tectonics, engineering properties of rock and soil, geological hazards, mining hazards and site investigation.
30. 1995-1998: BSc supervision project. Initiation and reactivation of landslides in South Wales. British Geological Survey and University of Ferrara, Italy.
31. 1997-1998: BSc supervision project. Radon gas analysis and detection for abandoned mine workings. British Geological Survey and University of Sheffield, Department of Geology.
32. 1996-1997: BSc supervision project. Mine shaft detection. British Geological Survey and University of Leeds, Department of Geology.