

SECU0021: Forensic Geoscience

[View Online](#)

1969 FBI Soil Exam Video. (8 C.E.). <https://www.youtube.com/watch?v=1Op0-A752IY>

Abdulla, S. (1999). The buzzing detective. *News@nature*.
<https://doi.org/10.1038/news990923-2>

Allen, T. J., Hoefler, K., & Rose, S. (1998). The transfer of glass—part 3. *Forensic Science International*, 93(2–3), 195–200. [https://doi.org/10.1016/S0379-0738\(98\)00043-7](https://doi.org/10.1016/S0379-0738(98)00043-7)

Allen, T. J., & Scrannage, J. K. (1998). The transfer of glass—part 1. *Forensic Science International*, 93(2–3), 167–174. [https://doi.org/10.1016/S0379-0738\(98\)00041-3](https://doi.org/10.1016/S0379-0738(98)00041-3)

Amendt, J., Campobasso, C. P., Gaudry, E., Reiter, C., LeBlanc, H. N., & J. R. Hall, M. (2007). Best practice in forensic entomology—standards and guidelines. *International Journal of Legal Medicine*, 121(2), 90–104. <https://doi.org/10.1007/s00414-006-0086-x>

Amendt, J., Richards, C. S., Campobasso, C. P., Zehner, R., & Hall, M. J. R. (2011). Forensic entomology: applications and limitations. *Forensic Science, Medicine, and Pathology*, 7(4), 379–392. <https://doi.org/10.1007/s12024-010-9209-2>

Analyzing fluorescence microscopy images with ImageJ. (n.d.).
http://www.microscopist.co.uk/wp-content/uploads/2018/09/ImageJ_FL_Image_Analysis.pdf

Anderson, G. S., & Hobischak, N. R. (2004). Decomposition of carrion in the marine environment in British Columbia, Canada. *International Journal of Legal Medicine*, 118(4). <https://doi.org/10.1007/s00414-004-0447-2>

Bailey, M. J., Morgan, R. M., Comini, P., Calusi, S., & Bull, P. A. (2012). Evaluation of Particle-Induced X-ray Emission and Particle-Induced γ -ray Emission of Quartz Grains for Forensic Trace Sediment Analysis. *Analytical Chemistry*, 84(5), 2260–2267.
<https://doi.org/10.1021/ac2028722>

Balding, D. J., & Buckleton, J. (2009). Interpreting low template DNA profiles. *Forensic Science International: Genetics*, 4(1), 1–10. <https://doi.org/10.1016/j.fsigen.2009.03.003>

BBC Four - Catching History's Criminals: The Forensics Story. (n.d.).
<http://www.bbc.co.uk/programmes/p02l4p5x>

BBC Radio 4 - Forensics in Crisis. (n.d.).
<http://www.bbc.co.uk/programmes/b05sv09g/broadcasts/2015/05>

BBC Radio 4 - The Infinite Monkey Cage, Series 12, Forensic Science. (n.d.).
<http://www.bbc.co.uk/programmes/b064yglg>

BBC Radio 4 - The Life Scientific, Niamh Nic Daeid. (n.d.).
<http://www.bbc.co.uk/programmes/b062k9zz>

BBC Radio 4 - The Report, Forensic Science. (n.d.).
<http://www.bbc.co.uk/programmes/b01m68w2>

Beck, Richard A. (n.d.). Remote Sensing and GIS as Counterterrorism Tools in the Afghanistan War: A Case Study of the Zhawar Kili Region. *The Professional Geographer*, 55 (2). <https://doi.org/10.1111/0033-0124.5502005>

Bell, S. (2006). *Forensic chemistry*. Pearson Prentice Hall.

Bernard Greenberg. (1991). Flies as Forensic Indicators. *Journal of Medical Entomology*, 28 (5), 565–577. <http://jme.oxfordjournals.org/content/28/5/565.long>

Bevan, B. W. (1991). The search for graves. 56(9), 1310–1319.
<http://www.olemiss.edu/research/anthropology/haley/class2010/library/Bevan1991.pdf>

Brock, J. H., & Norris, D. O. (1997). Forensic botany: an under-utilized resource. 42(3), 364–367. https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14130J.htm

Brown, A. G. (2006). The use of forensic botany and geology in war crimes investigations in NE Bosnia. *Forensic Science International*, 163(3), 204–210.
<https://doi.org/10.1016/j.forsciint.2006.05.025>

Brown, Antony G. (n.d.). The combined use of pollen and soil analyses in a search and subsequent murder investigation. *Journal of Forensic Sciences*, 47(3), 614–618.
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_scopus2-s2.0-0036100201&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,The%20combined%20use%20of%20pollen%20and%20petrologic%20analyses%20in%20a%20search%20and%20subsequent%20murder%20investigation&sortby=rank&offset=0

Bryant, V. M., & Jones, G. D. (2006). Forensic palynology: Current status of a rarely used technique in the United States of America. *Forensic Science International*, 163(3), 183–197. <https://doi.org/10.1016/j.forsciint.2005.11.021>

Bryant, V. M., Jones, J. G., & Mildenhall, D. C. (1990). Forensic palynology in the United States of America. *Palynology*, 14(1), 193–208.
<https://doi.org/10.1080/01916122.1990.9989380>

Bugelli, V., Forni, D., Bassi, L. A., Di Paolo, M., Marra, D., Lenzi, S., Toni, C., Giusiani, M., Domenici, R., Gherardi, M., & Vanin, S. (2015). Forensic Entomology and the Estimation of the Minimum Time Since Death in Indoor Cases. *Journal of Forensic Sciences*, 60(2), 525–531. <https://doi.org/10.1111/1556-4029.12647>

Bull, P. A., & Morgan, R. M. (2006). *Sediment Fingerprints: A forensic technique using*

quartz sand grains. *Science & Justice*, 46(2), 107–124.
[https://doi.org/10.1016/S1355-0306\(06\)71581-7](https://doi.org/10.1016/S1355-0306(06)71581-7)

Bull, P. A., Morgan, R. M., & Freudiger-Bonzon, J. (2008). A critique of the present use of some geochemical techniques in geoforensic analysis. *Forensic Science International*, 178 (2–3), e35–e40. <https://doi.org/10.1016/j.forsciint.2007.09.003>

Bull, P. A., Morgan, R. M., Sagovsky, A., & Hughes, G. J. A. (2006a). The Transfer and Persistence of Trace Particulates: Experimental studies using clothing fabrics. *Science & Justice*, 46(3), 185–195. [https://doi.org/10.1016/S1355-0306\(06\)71592-1](https://doi.org/10.1016/S1355-0306(06)71592-1)

Bull, P. A., Morgan, R. M., Sagovsky, A., & Hughes, G. J. A. (2006b). The Transfer and Persistence of Trace Particulates: Experimental studies using clothing fabrics. *Science & Justice*, 46(3), 185–195. [https://doi.org/10.1016/S1355-0306\(06\)71592-1](https://doi.org/10.1016/S1355-0306(06)71592-1)

Bull, P. A., Parker, A., & Morgan, R. M. (2006). The forensic analysis of soils and sediment taken from the cast of a footprint. *Forensic Science International*, 162(1–3), 6–12.
<https://doi.org/10.1016/j.forsciint.2006.06.075>

Cameron, N. G. (2004). The use of diatom analysis in forensic geoscience. 232, 277–280.
<https://doi.org/10.1144/GSL.SP.2004.232.01.25>

Catching History's Criminals: The Forensics Story. (n.d.).
<http://www.bbc.co.uk/programmes/p02tydb7>

Catts, E. P., & Goff, M. L. (1992). Forensic Entomology in Criminal Investigations. *Annual Review of Entomology*, 37(1), 253–272.
<https://doi.org/10.1146/annurev.en.37.010192.001345>

Cheshire, K., Morgan, R. M., & Holmes, J. (2017). The potential for geochemical discrimination of single- and mixed-source soil samples from close proximity urban parkland locations. *Australian Journal of Forensic Sciences*, 49(2), 161–174.
<https://doi.org/10.1080/00450618.2016.1144789>

Chisum, W. J., & Turvey, B. E. (2011). *Crime Reconstruction* (2nd ed). Academic Press.
<http://www.sciencedirect.com/science/book/9780123864604>

Cole, S. A. (2013). Forensic culture as epistemic culture: The sociology of forensic science. *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*, 44(1), 36–46.
<https://doi.org/10.1016/j.shpsc.2012.09.003>

Cook, R., Evett, I. W., Jackson, G., Jones, P. J., & Lambert, J. A. (1998). A hierarchy of propositions: deciding which level to address in casework. *Science & Justice*, 38(4), 231–239. [https://doi.org/10.1016/S1355-0306\(98\)72117-3](https://doi.org/10.1016/S1355-0306(98)72117-3)

Cox, E. J. (2012). Diatoms and Forensic Science. In N. Márquez-Grant & J. Roberts (Eds.), *Forensic Ecology Handbook* (pp. 141–151). John Wiley & Sons, Ltd.
<https://doi.org/10.1002/9781118374016.ch9>

Cox, M. (2008). *The scientific investigation of mass graves: towards protocols and standard operating procedures*. Cambridge University Press.

Cox, M. R., & Budhu, M. (2008a). A practical approach to grain shape quantification. *Engineering Geology*, 96(1-2), 1-16. <https://doi.org/10.1016/j.enggeo.2007.05.005>

Cox, M. R., & Budhu, M. (2008b). A practical approach to grain shape quantification. *Engineering Geology*, 96(1-2), 1-16. <https://doi.org/10.1016/j.enggeo.2007.05.005>

Crime Scene Creatures - Counting Rings to Catch a Murderer (PBS). (n.d.). <http://www.pbs.org/wnet/nature/crime-scene-creatures-video-counting-rings-to-catch-a-murderer/5207/>

Crime Scene Creatures - Diatom Detective (PBS). (n.d.). <http://www.pbs.org/wnet/nature/crime-scene-creatures-video-diatom-detective/5208/>

Croft, D. J., & Pye, K. (2003). The potential use of continuous-flow isotope-ratio mass spectrometry as a tool in forensic soil analysis: a preliminary report. *Rapid Communications in Mass Spectrometry*, 17(23), 2581-2584. <https://doi.org/10.1002/rcm.1174>

Dachs, J., McNaught, I. J., & Robertson, J. (2003a). The persistence of human scalp hair on clothing fabrics. *Forensic Science International*, 138(1-3), 27-36. <https://doi.org/10.1016/j.forsciint.2003.07.014>

Dachs, J., McNaught, I. J., & Robertson, J. (2003b). The persistence of human scalp hair on clothing fabrics. *Forensic Science International*, 138(1-3), 27-36. <https://doi.org/10.1016/j.forsciint.2003.07.014>

Dawson, L. A., & Hillier, S. (2010). Measurement of soil characteristics for forensic applications. *Surface and Interface Analysis*, 42(5), 363-377. <https://doi.org/10.1002/sia.3315>

Delabarde, T., Keyser, C., Tracqui, A., Charabidze, D., & Ludes, B. (2013). The potential of forensic analysis on human bones found in riverine environment. *Forensic Science International*, 228(1-3), e1-e5. <https://doi.org/10.1016/j.forsciint.2013.03.019>

Dent, B. B., Forbes, S. L., & Stuart, B. H. (2004). Review of human decomposition processes in soil. *Environmental Geology*, 45(4), 576-585. <https://doi.org/10.1007/s00254-003-0913-z>

Dickson, G. C., Poulter, R. T. M., Maas, E. W., Probert, P. K., & Kieser, J. A. (2011). Marine bacterial succession as a potential indicator of postmortem submersion interval. *Forensic Science International*, 209(1-3), 1-10. <https://doi.org/10.1016/j.forsciint.2010.10.016>

Drahl, C., & Widener, A. (2014). Forcing Change In Forensic Science. 92(19), 10-15. <http://cen.acs.org/articles/92/i19/Forcing-Change-Forensic-Science.html>

Etienne, D., & Jouffroy-Bapicot, I. (2014). Optimal counting limit for fungal spore abundance estimation using *Sporormiella* as a case study. *Vegetation History and Archaeobotany*, 23(6), 743-749. <https://doi.org/10.1007/s00334-014-0439-1>

Evetts, I. W., Berger, C. E. H., Buckleton, J. S., Champod, C., & Jackson, G. (2017). Finding the way forward for forensic science in the US—A commentary on the PCAST report. *Forensic Science International*, 278, 16-23. <https://doi.org/10.1016/j.forsciint.2017.06.018>

Fenning, P. J., & Donnelly, L. J. (2004). Geophysical techniques for forensic investigation. 232(1), 11–20. <https://doi.org/10.1144/GSL.SP.2004.232.01.03>

Flanagan, R. J. (2018). Cut Costs at All Costs! Forensic Science International, 290, e26–e28. <https://doi.org/10.1016/j.forsciint.2018.06.038>

Forbes, S. L., Dent, B. B., & Stuart, B. H. (2005). The effect of soil type on adipocere formation. Forensic Science International, 154(1), 35–43. <https://doi.org/10.1016/j.forsciint.2004.09.108>

Forbes, S. L., Stuart, B. H., & Dent, B. B. (2002). The identification of adipocere in grave soils. Forensic Science International, 127(3), 225–230. [https://doi.org/10.1016/S0379-0738\(02\)00127-5](https://doi.org/10.1016/S0379-0738(02)00127-5)

Forbes, S. L., Stuart, B. H., & Dent, B. B. (2005). The effect of the burial environment on adipocere formation. Forensic Science International, 154(1), 24–34. <https://doi.org/10.1016/j.forsciint.2004.09.107>

Forensic entomology - The crime scene (Wellcome Collection). (5 C.E.). <https://www.youtube.com/watch?v=HIVKISCmjTQ>

Forensic Files Historic Cases Reel Danger. (13 C.E.). <https://www.youtube.com/watch?v=cXcYpd1iacM>

French, J. (2014). The secondary transfer of gunshot residue: an experimental investigation carried out with SEM-EDX analysis. X-RAY SPECTROMETRY. https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1422146&context=L&vid=UCL_VU2□=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,The%20secondary%20transfer%20of%20gunshot%20residue:%20an%20experimental%20investigation%20carried%20out%20with%20SEM-EDX%20analysis&sortby=rank

French, J. C., Morgan, R. M., Baxendell, P., & Bull, P. A. (2012a). Multiple transfers of particulates and their dissemination within contact networks. Science & Justice, 52(1), 33–41. <https://doi.org/10.1016/j.scijus.2011.05.001>

French, J. C., Morgan, R. M., Baxendell, P., & Bull, P. A. (2012b). Multiple transfers of particulates and their dissemination within contact networks. Science & Justice, 52(1), 33–41. <https://doi.org/10.1016/j.scijus.2011.05.001>

From Eggs to Maggots. (n.d.). <http://www.pbs.org/wnet/nature/crime-scene-creatures-video-from-eggs-to-maggots/5209/>

G. Clark Davenport. (2001). Remote Sensing Applications in Forensic Investigations. Historical Archaeology, 35(1), 87–100. <http://www.jstor.org/stable/25616896?Search=yes&resultItemClick=true&searchUri=%2Faction%2FdoAdvancedSearch%3Facc%3Don%26amp%3Bq6%3D%26amp%3Bf0%3Dall%26amp%3Bc4%3DAND%26amp%3Bc2%3DAND%26amp%3Bq1%3D%26amp%3Bc1%3DAND%26amp%3Bc3%3DAND%26amp%3Bf4%3Dall%26amp%3Bf1%3Dall%26a>

mp%3Bsd%3D%26amp%3Bq5%3D%26amp%3Bf6%3Dall%26amp%3Bgroup%3Dnone%26amp%3Bpt%3D%26amp%3Bq4%3D%26amp%3Bc5%3DAND%26amp%3Bf3%3Dall%26amp%3Bisbn%3D%26amp%3Bed%3D%26amp%3Bf5%3Dall%26amp%3Bq2%3D%26amp%3Bq0%3D%2BRemote%2Bsensing%2BApplications%2Bin%2Bforensic%2Binvestigations%26amp%3Bla%3D%26amp%3Bq3%3D%26amp%3Bc6%3DAND%26amp%3Bf2%3Dall&seq=1#page_scan_tab_contents

Garrett, Brandon L. (n.d.). Invalid forensic science testimony and wrongful convictions. *Virginia Law Review*, 95(1), 1–97.

https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_scopus2-s2.0-65349105013&context=PC&vid=UCL_VU2□=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Invalid%20Forensic%20Science%20Testimony%20and%20Wrongful%20Convictions&sortby=rank

Gepard GPR ground penetrating radar - Applications and functionality. (17 C.E.). <https://www.youtube.com/watch?v=JQAeExJwjpE>

Green, N. (2011). Get ready for CSI: Soil.

<https://www.theguardian.com/science/blog/2011/sep/13/forensic-science-content-transference>

Grieve, M. C. (1987). Glitter particles—an unusual source of trace evidence? *Journal of the Forensic Science Society*, 27(6), 405–412. [https://doi.org/10.1016/S0015-7368\(87\)72789-3](https://doi.org/10.1016/S0015-7368(87)72789-3)

Grieve, M. C., Dunlop, J., & Haddock, P. S. (1989). Transfer experiments with acrylic fibres. *Forensic Science International*, 40(3), 267–277. [https://doi.org/10.1016/0379-0738\(89\)90185-0](https://doi.org/10.1016/0379-0738(89)90185-0)

Haglund, W., & Sorg, M. (Eds.). (1996). *Forensic Taphonomy*. CRC Press. <https://doi.org/10.1201/9781439821923>

Hamzelou, J. (2015). Hair analysis on trial after FBI admits to using flawed evidence. <https://www.newscientist.com/article/dn27386-hair-analysis-on-trial-after-fbi-admits-to-using-flawed-evidence/#.VTnvtpOcvvs>

Hansen, J. D., & Pringle, J. K. (2013). Comparison of magnetic, electrical and ground penetrating radar surveys to detect buried forensic objects in semi-urban and domestic patio environments. 384(1), 229–251. <https://doi.org/10.1144/SP384.13>

Hanson, I. D. (2004). The importance of stratigraphy in forensic investigation. *Geological Society, London, Special Publications*, 232(1), 39–47. <https://doi.org/10.1144/GSL.SP.2004.232.01.06>

Hawksworth, D. L., & Wiltshire, P. E. J. (2011a). Forensic mycology: the use of fungi in criminal investigations. *Forensic Science International*, 206(1–3), 1–11. <https://doi.org/10.1016/j.forsciint.2010.06.012>

Hawksworth, D. L., & Wiltshire, P. E. J. (2011b). Forensic mycology: the use of fungi in criminal investigations. *Forensic Science International*, 206(1–3), 1–11. <https://doi.org/10.1016/j.forsciint.2010.06.012>

- Holzer, Thomas L. (n.d.). Seismograms offer insight into Oklahoma City bombing. *Eos*, 77 (41).
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_georef1997-016939&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Seismograms%20Offer%20Insight%20Into%20Oklahoma%20City%20Bombing&sortby=rank
- Horrocks, M., & Walsh, K. A. J. (1998). Forensic palynology: assessing the value of the evidence. *Review of Palaeobotany and Palynology*, 103(1–2), 69–74.
[https://doi.org/10.1016/S0034-6667\(98\)00027-X](https://doi.org/10.1016/S0034-6667(98)00027-X)
- Horrocks, Mark. (n.d.-a). Fine resolution of pollen patterns in limited space: Differentiating a crime scene and alibi scene seven meters apart. *Journal of Forensic Sciences*, 44(2), 417–420.
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest219695512&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Fine%20resolution%20of%20pollen%20patterns%20in%20limited%20space:%20differentiating%20a%20crime%20scene%20and%20alibi%20scene%20seven%20meters%20apart.&sortby=rank
- Horrocks, Mark. (n.d.-b). Forensic palynology: Variation in the pollen content of soil surface samples. *Journal of Forensic Sciences*, 43(2).
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest219694836&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Forensic%20palynology:%20variation%20in%20the%20pollen%20content%20of%20soil%20surface%20samples&sortby=rank
- Igathinathane, C., Pordesimo, L. O., Columbus, E. P., Batchelor, W. D., & Sokhansanj, S. (2009). Sieveless particle size distribution analysis of particulate materials through computer vision. *Computers and Electronics in Agriculture*, 66(2), 147–158.
<https://doi.org/10.1016/j.compag.2009.01.005>
- Inman, K., & Rudin, N. (2002a). The origin of evidence. *Forensic Science International*, 126 (1), 11–16. [https://doi.org/10.1016/S0379-0738\(02\)00031-2](https://doi.org/10.1016/S0379-0738(02)00031-2)
- Inman, K., & Rudin, N. (2002b). The origin of evidence. *Forensic Science International*, 126 (1), 11–16. [https://doi.org/10.1016/S0379-0738\(02\)00031-2](https://doi.org/10.1016/S0379-0738(02)00031-2)
- Inspecting Detectives, *The Long Shadow of the World's End*. (n.d.).
<http://www.bbc.co.uk/programmes/b06cy69y>
- Jantunen, J., & Saarinen, K. (2011). Pollen transport by clothes. *Aerobiologia*, 27(4), 339–343. <https://doi.org/10.1007/s10453-011-9200-8>
- Jasanoff, S. (2005). Law's Knowledge: Science for Justice in Legal Settings. *American Journal of Public Health*, 95(S1), S49–S58. <https://doi.org/10.2105/AJPH.2004.045732>
- Jasanoff, S. (2006). Just Evidence: The Limits of Science in the Legal Process. *The Journal of Law, Medicine Ethics*, 34(2), 328–341. <https://doi.org/10.1111/j.1748-720X.2006.00038.x>

Jonathan Drori: Every pollen grain has a story. (8 C.E.).
<https://www.youtube.com/watch?v=vXDJ-nAyKKE&feature=youtu.be>

Jonathan. J. Koehler, M. J. S. (2008). The Individualization Fallacy in Forensic Science Evidence. 61(1), 199–219. http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1432516

Keiper, J. B., & Casamatta, D. A. (2001). Benthic organisms as forensic indicators. Journal of the North American Benthological Society, 20(2), 311–324.
<https://doi.org/10.2307/1468325>

Kiely, T. F. (2006). Forensic evidence: science and the criminal law (Second edition). CRC Press. <http://dx.doi.org/10.1201/9781420038064>

Kirk, P. L. (1974). Crime investigation (J. I. Thornton, Ed.; Second edition). John Wiley & Sons.

Kloster, Michael. (2014). *Fragilariopsis kerguelensis* images from sediment core PS1768-8, supplement to: Kloster, Michael; Kauer, Gerhard; Beszteri, Bánk (2014): SHERPA: an image segmentation and outline feature extraction tool for diatoms and other objects. BMC Bioinformatics, 15(1), 218. PANGAEA - Data Publisher for Earth & Environmental Science.
<https://doi.org/10.1594/PANGAEA.833665>

Kloster, Michael. (2018). Measurements of valves of the diatom *Fragilariopsis kerguelensis* from Southern Ocean sediment core PS1768-8, supplement to: Kloster, Michael; Kauer, Gerhard; Esper, Oliver; Fuchs, Nike; Beszteri, Bánk (2018): Morphometry of the diatom *Fragilariopsis kerguelensis* from Southern Ocean sediment: High-throughput measurements show second morphotype occurring during glacials. Marine Micropaleontology. PANGAEA - Data Publisher for Earth & Environmental Science.
<https://doi.org/10.1594/PANGAEA.892593>

Konopinski, D. I., Hudziak, S., Morgan, R. M., Bull, P. A., & Kenyon, A. J. (2012). Investigation of quartz grain surface textures by atomic force microscopy for forensic analysis. Forensic Science International, 223(1–3), 245–255.
<https://doi.org/10.1016/j.forsciint.2012.09.011>

Koper, K. D., Wallace, T. C., Taylor, S. R., & Hartse, H. E. (2001). Forensic seismology and the sinking of the Kursk [textit{Kursk}]. Eos, Transactions American Geophysical Union, 82(4), 37–37. <https://doi.org/10.1029/01EO00023>

Levin, E. A., Morgan, R. M., Griffin, L. D., & Jones, V. J. (2018a). A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials. Journal of Forensic Sciences.
<https://doi.org/10.1111/1556-4029.13938>

Levin, E. A., Morgan, R. M., Griffin, L. D., & Jones, V. J. (2018b). A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials. Journal of Forensic Sciences.
<https://doi.org/10.1111/1556-4029.13938>

Maehly, A., & Williams, R. L. (Eds.). (1991). Forensic Science Progress 5 (Vol. 5). Springer Berlin Heidelberg. <https://doi.org/10.1007/978-3-642-58233-2>

- Magni, P. A., Venn, C., Aquila, I., Pepe, F., Ricci, P., Di Nunzio, C., Ausania, F., & Dadour, I. R. (2015). Evaluation of the floating time of a corpse found in a marine environment using the barnacle *Lepas anatifera* L. (Crustacea: Cirripedia: Pedunculata). *Forensic Science International*, 247, e6–e10. <https://doi.org/10.1016/j.forsciint.2014.11.016>
- Márquez-Grant, N., & Roberts, J. (2012a). *Forensic ecology handbook: from crime scene to court*. Wiley-Blackwell.
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3189830300004761&institutionId=4761&customerId=4760
- Márquez-Grant, N., & Roberts, J. (Eds.). (2012b). *Forensic Ecology Handbook*. John Wiley & Sons, Ltd. <https://doi.org/10.1002/9781118374016>
- Mateus, M., de Pablo, H., & Vaz, N. (2013). An investigation on body displacement after two drowning accidents. *Forensic Science International*, 229(1–3), e6–e12.
<https://doi.org/10.1016/j.forsciint.2013.03.010>
- Mazzoli, A., & Favoni, O. (2012). Particle size, size distribution and morphological evaluation of airborne dust particles of diverse woods by Scanning Electron Microscopy and image processing program. *Powder Technology*, 225, 65–71.
<https://doi.org/10.1016/j.powtec.2012.03.033>
- Mazzoli, A., & Moriconi, G. (2014). Particle size, size distribution and morphological evaluation of glass fiber reinforced plastic (GRP) industrial by-product. *Micron*, 67, 169–178. <https://doi.org/10.1016/j.micron.2014.07.007>
- McCulloch, G., Dawson, L. A., Brewer, M. J., & Morgan, R. M. (2017). The identification of markers for Geoforensic HPLC profiling at close proximity sites. *Forensic Science International*, 272, 127–141. <https://doi.org/10.1016/j.forsciint.2017.01.009>
- Merritt, R. W., & Wallace, J. R. (2000). The role of aquatic insects in forensic investigations. In J. H. Byrd & J. L. Castner (Eds.), *Forensic entomology : the utility of arthropods in legal investigations* (pp. 271–320). CRC Press.
[http://explore.bl.uk/primo_library/libweb/action/display.do?frbrVersion=2&tabs=moreTab&ct=display&fn=search&doc=BLL01010447216&indx=1&recIds=BLL01010447216&recIdxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=2&dscnt=1&scp.scps=scope%3A%28BLCONTENT%29&frbg=&tab=local_tab&dstmp=1477947071905&srt=rank&mode=Basic&vl\(488279563UI0\)=any&dum=true&tb=t&vl\(freeText0\)=Forensic%20entomology%3B%20the%20utility%20of%20arthropods%20in%20legal%20investigations.&vid=BLVU1](http://explore.bl.uk/primo_library/libweb/action/display.do?frbrVersion=2&tabs=moreTab&ct=display&fn=search&doc=BLL01010447216&indx=1&recIds=BLL01010447216&recIdxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=2&dscnt=1&scp.scps=scope%3A%28BLCONTENT%29&frbg=&tab=local_tab&dstmp=1477947071905&srt=rank&mode=Basic&vl(488279563UI0)=any&dum=true&tb=t&vl(freeText0)=Forensic%20entomology%3B%20the%20utility%20of%20arthropods%20in%20legal%20investigations.&vid=BLVU1)
- Michael Lynch and Sheila Jasanoff. (1998). Introduction: Contested Identities: Science, Law and Forensic Practice. *Social Studies of Science*, 28(5), 675–686.
<http://www.jstor.org/stable/285513?Search=yes&resultItemClick=true&searchUri=%2Faction%2FdoAdvancedSearch%3Ffc5%3DAND%26amp%3Bq2%3D%26amp%3Bf4%3Dall%26amp%3Bf2%3Dall%26amp%3Bla%3D%26amp%3Bpt%3D%26amp%3Bq4%3D%26amp%3Bq6%3D%26amp%3Bc4%3DAND%26amp%3Bf6%3Dall%26amp%3Bf3%3Dall%26amp%3Bq0%3DContested%2BIdentities%253A%2Bscience%252C%2Blaw%2Band%2Bforensic%2Bpractice%26amp%3Bc3%3DAND%26amp%3Bf0%3Dall%26amp%3Bacc%3Don%26amp%3Bc1%3DAND%26amp%3Bq1%3D%26amp%3Bf1%3Dall%26amp%3Bc6%3DAND%26amp%3Bf5%3Dall%26amp%3Bq3%3D%26amp%3Bisbn%3D%26amp%3Bed%3>

D%26amp%3Bsd%3D%26amp%3Bc2%3DAND%26amp%3Bq5%3D%26amp%3Bgroup%3Dnone&seq=1#page_scan_tab_contents

Micropalaeontological Society. (2017). The archaeological and forensic applications of microfossils: a deeper understanding of human history (M. Williams, T. Hill, I. Boomer, & I. Wilkinson, Eds.). Published for the Micropalaeontological Society by the Geological Society.

Mildenhall, D. C. (1990). Forensic palynology in New Zealand. *Review of Palaeobotany and Palynology*, 64(1-4), 227-234. [https://doi.org/10.1016/0034-6667\(90\)90137-8](https://doi.org/10.1016/0034-6667(90)90137-8)

Mildenhall, D. C. (2006). *Hypericum* pollen determines the presence of burglars at the scene of a crime: An example of forensic palynology. *Forensic Science International*, 163(3), 231-235. <https://doi.org/10.1016/j.forsciint.2005.11.028>

Mildenhall, D. C., Wiltshire, P. E. J., & Bryant, V. M. (2006). Forensic palynology: Why do it and how it works. *Forensic Science International*, 163(3), 163-172. <https://doi.org/10.1016/j.forsciint.2006.07.012>

Missing Persons. (2016). Routledge. <https://doi.org/10.4324/9781315595603>

Moore, P. D., Webb, J. A., & Collinson, M. E. (1991). *Pollen analysis* (2nd ed). Blackwell Scientific Publications.

Morgan, R. M., & Bull, P. A. (2006a). Data Interpretation in Forensic Sediment and Soil Geochemistry. *Environmental Forensics*, 7(4), 325-334. <https://doi.org/10.1080/15275920600996248>

Morgan, R. M., & Bull, P. A. (2006b). Data Interpretation in Forensic Sediment and Soil Geochemistry. *Environmental Forensics*, 7(4), 325-334. <https://doi.org/10.1080/15275920600996248>

Morgan, R. M., & Bull, P. A. (2007a). Forensic Geoscience and Crime detection: Identification, interpretation and presentation in forensic geoscience. 127, 73-90. http://www.geog.ox.ac.uk/staff/pbull_pub01.pdf

Morgan, R. M., & Bull, P. A. (2007b). The philosophy, nature and practice of forensic sediment analysis. *Progress in Physical Geography*, 31(1), 43-58. <https://doi.org/10.1177/0309133307073881>

Morgan, R. M., & Bull, P. A. (2007c). The philosophy, nature and practice of forensic sediment analysis. *Progress in Physical Geography*, 31(1), 43-58. <https://doi.org/10.1177/0309133307073881>

Morgan, R. M., Cohen, J., McGookin, I., Murly-Gotto, J., O'Connor, R., Muress, S., Freudiger-Bonzon, J., & Bull, P. A. (2009). The relevance of the evolution of experimental studies for the interpretation and evaluation of some trace physical evidence. *Science & Justice*, 49(4), 277-285. <https://doi.org/10.1016/j.scijus.2009.02.004>

Morgan, R. M., Davies, G., Balestri, F., & Bull, P. A. (2013). The recovery of pollen evidence from documents and its forensic implications. *Science & Justice*, 53(4), 375-384. <https://doi.org/10.1016/j.scijus.2013.03.004>

- Morgan, R. M., Flynn, J., Sena, V., & Bull, P. A. (2014a). Experimental forensic studies of the preservation of pollen in vehicle fires. *Science & Justice*, 54(2), 141–145.
<https://doi.org/10.1016/j.scijus.2013.04.001>
- Morgan, R. M., Flynn, J., Sena, V., & Bull, P. A. (2014b). Experimental forensic studies of the preservation of pollen in vehicle fires. *Science & Justice*, 54(2), 141–145.
<https://doi.org/10.1016/j.scijus.2013.04.001>
- Morgan, R. M., French, J. C., O'Donnell, L., & Bull, P. A. (2010). The reincorporation and redistribution of trace geoforensic particulates on clothing: An introductory study. *Science & Justice*, 50(4), 195–199. <https://doi.org/10.1016/j.scijus.2010.04.002>
- Morgan, R. M., Robertson, J., Lennard, C., Hubbard, K., & Bull, P. A. (2010). Quartz grain surface textures of soils and sediments from Canberra, Australia: A forensic reconstruction tool. *Australian Journal of Forensic Sciences*, 42(3), 169–179.
<https://doi.org/10.1080/00450610903258110>
- Morgan, R. M., Wiltshire, P., Parker, A., & Bull, P. A. (2006a). The role of forensic geoscience in wildlife crime detection. *Forensic Science International*, 162(1–3), 152–162.
<https://doi.org/10.1016/j.forsciint.2006.06.045>
- Morgan, R. M., Wiltshire, P., Parker, A., & Bull, P. A. (2006b). The role of forensic geoscience in wildlife crime detection. *Forensic Science International*, 162(1–3), 152–162.
<https://doi.org/10.1016/j.forsciint.2006.06.045>
- Morgan, R. M. (2009a). The forensic analysis of sediments recovered from footwear. In *Criminal and Environmental Soil Forensics*. Springer.
https://ucl.primo.exlibrisgroup.com/permalink/44UCL_INST/167dvkm/alma9931231541804761
- Morgan, R. M. (2009b). The relevance of the evolution of experimental studies for the interpretation and evaluation of some trace physical evidence. *Science & Justice*.
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS84827&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,The%20relevance%20of%20the%20evolution%20of%20experimental%20studies%20for%20the%20interpretation%20and%20evaluation%20of%20some%20trace%20physical%20evidence&sortby=rank&offset=0
- Morgan, R. M. (2014). The spatial and temporal distribution of pollen in a room: forensic implications.
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1425730&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,The%20spatial%20and%20temporal%20distribution%20of%20pollen%20in%20a%20room:%20Forensic%20implications&sortby=rank
- Morgan, R. M. (2017). Conceptualising forensic science and forensic reconstruction. Part I: A conceptual model.
[https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1563693&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,Morgan,%20R.%20M.%20\(2017\)](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1563693&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,Morgan,%20R.%20M.%20(2017))

017).%20Conceptualising%20forensic%20science%20and%20forensic%20reconstruction.
%20Part%20I:%20A%20conceptual%20model.%20Science%20&%20Justice,%2057(6),%20
455-459.&sortby=rank

Muccio, Z., & Jackson, G. P. (2009). Isotope ratio mass spectrometry. *The Analyst*, 134(2), 213-222. <https://doi.org/10.1039/B808232D>

Nakagawa, T. (n.d.). Dense-media separation as a more efficient pollen extraction method for use with organic sediment/deposit samples: comparison with the conventional method. *Boreas*, 27(1), 15-24.

https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wos00073443500002&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Nakagawa,%20T.%20Brugiapaglia,%20E.%20Digerfeldt,%20G.%20Reille,%20M.%20De%20Beaulieu,%20J-L.%20and.%20Yasuda,%20Y%201998.%20Dense-media%20separation%20as%20a%20more%20efficient%20pollen%20extraction%20method%20for%20use%20with%20organic%20sediment%20deposit%20samples:%20comparison%20with%20the%20conventional%20method.%20Boreas%2027,&sortby=rank

Newell, A. J., Morgan, R. M., Griffin, L. D., Bull, P. A., Marshall, J. R., & Graham, G. (2012a). Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*. *Journal of Forensic Sciences*, 57(5), 1285-1289. <https://doi.org/10.1111/j.1556-4029.2012.02126.x>

Newell, A. J., Morgan, R. M., Griffin, L. D., Bull, P. A., Marshall, J. R., & Graham, G. (2012b). Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*. *Journal of Forensic Sciences*, 57(5), 1285-1289. <https://doi.org/10.1111/j.1556-4029.2012.02126.x>

Parker, R., Ruffell, A., Hughes, D., & Pringle, J. (2010). Geophysics and the search of freshwater bodies: A review. *Science & Justice*, 50(3), 141-149. <https://doi.org/10.1016/j.scijus.2009.09.001>

Peabody, A. J., & Cameron, N. G. (2010). Forensic science and diatoms. In J. P. Smol & E. F. Stoermer (Eds.), *The Diatoms* (pp. 534-539). Cambridge University Press. <https://doi.org/10.1017/CBO9780511763175.030>

Piette, M. H. A., & De Letter, E. A. (2006). Drowning: Still a difficult autopsy diagnosis. *Forensic Science International*, 163(1-2), 1-9. <https://doi.org/10.1016/j.forsciint.2004.10.027>

Plant detectives: How brambles can help solve murder cases - Dr Mark Spencer. (n.d.). <http://www.bbc.co.uk/programmes/articles/5q2xGXDZv0S7hg3KQl11vNg/plant-detectives-how-bramble-and-co-can-help-solve-crimes>

Police Divers & Underwater Investigations. (n.d.). <http://lawofficer.com/archive/police-divers-underwater-investigations/>

Pollanen, M. S. (1998). Diatoms and homicide. *Forensic Science International*, 91(1), 29-34. [https://doi.org/10.1016/S0379-0738\(97\)00162-X](https://doi.org/10.1016/S0379-0738(97)00162-X)

Pounds, C. A., & Smalldon, K. W. (1975). The Transfer of Fibres between Clothing Materials During Simulated Contacts and their Persistence During Wear. *Journal of the Forensic Science Society*, 15(1), 29-37. [https://doi.org/10.1016/S0015-7368\(75\)70933-7](https://doi.org/10.1016/S0015-7368(75)70933-7)

Pringle, J. K., Holland, C., Szkornik, K., & Harrison, M. (2012). Establishing forensic search methodologies and geophysical surveying for the detection of clandestine graves in coastal beach environments. *Forensic Science International*, 219(1–3), e29–e36. <https://doi.org/10.1016/j.forsciint.2012.01.010>

Pringle, J. K., Ruffell, A., Jervis, J. R., Donnelly, L., McKinley, J., Hansen, J., Morgan, R., Pirrie, D., & Harrison, M. (2012). The use of geoscience methods for terrestrial forensic searches. *Earth-Science Reviews*, 114(1–2), 108–123. <https://doi.org/10.1016/j.earscirev.2012.05.006>

Pye, K., Blott, S. J., Croft, D. J., & Carter, J. F. (2006). Forensic comparison of soil samples: Assessment of small-scale spatial variability in elemental composition, carbon and nitrogen isotope ratios, colour, and particle size distribution. *Forensic Science International*, 163(1–2), 59–80. <https://doi.org/10.1016/j.forsciint.2005.11.008>

Pye, K., & Croft, D. (2007). Forensic analysis of soil and sediment traces by scanning electron microscopy and energy-dispersive X-ray analysis: An experimental investigation. *Forensic Science International*, 165(1), 52–63. <https://doi.org/10.1016/j.forsciint.2006.03.001>

Pye, K., Croft, D. J., & Geological Society of London. (2004). *Forensic geoscience: principles, techniques and applications* (Vol. 232). Geological Society.

Quaak, F. C. A., & Kuiper, I. (2011). Statistical data analysis of bacterial t-RFLP profiles in forensic soil comparisons. *Forensic Science International*, 210(1–3), 96–101. <https://doi.org/10.1016/j.forsciint.2011.02.005>

Rawlins, B. G., & Cave, M. (2004). Investigating multi-element soil geochemical signatures and their potential for use in forensic studies. 232, 197–206. <https://doi.org/10.1144/GSL.SP.2004.232.01.18>

Rawlins, B. G., Kemp, S. J., Hodgkinson, E. H., Riding, J. B., Vane, C. H., Poulton, C., & Freeborough, K. (2006). Potential and Pitfalls in Establishing the Provenance of Earth-Related Samples in Forensic Investigations. *Journal of Forensic Sciences*, 51(4), 832–845. <https://doi.org/10.1111/j.1556-4029.2006.00152.x>

Reference and Research Book News. (2001). 16(4). [https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest199526850&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Houck,%20M.%20M.%20\(2001\).%20Mute%20witnesses:%20Trace%20evidence%20analysis:%20Academic%20Press.&sortby=rank](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest199526850&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Houck,%20M.%20M.%20(2001).%20Mute%20witnesses:%20Trace%20evidence%20analysis:%20Academic%20Press.&sortby=rank)

Reidy, L., Bu, K., Godfrey, M., & Cizdziel, J. V. (2013). Elemental fingerprinting of soils using ICP-MS and multivariate statistics: A study for and by forensic chemistry majors. *Forensic Science International*, 233(1–3), 37–44. <https://doi.org/10.1016/j.forsciint.2013.08.019>

Riding, Jb. (n.d.). Changes in soil pollen assemblages on footwear worn at different sites. *Palynology*, 31, 135–151. https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wos000252435100014&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=a

ny,contains,Riding%20JB,%20Rawlins%20BG,%20Coley%20KH.%20Changes%20in%20soil%20pollen%20assemblages%20on%20footwear%20worn%20at%20different%20sites.%20Palynology%202007;31:135%E2%80%93151.&sortby=rank

Ritz, K., Dawson, L., & Miller, D. (2009). Criminal and environmental soil forensics. Springer. <https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=417347>

Ruffell, A. (2006). Under-water Scene Investigation Using Ground Penetrating Radar (GPR) in the Search for a Sunken Jet ski, Northern Ireland. *Science & Justice*, 46(4), 221–230. [https://doi.org/10.1016/S1355-0306\(06\)71602-1](https://doi.org/10.1016/S1355-0306(06)71602-1)

Ruffell, A. (2010). Forensic pedology, forensic geology, forensic geoscience, geoforensics and soil forensics. *Forensic Science International*, 202(1–3), 9–12. <https://doi.org/10.1016/j.forsciint.2010.03.044>

Ruffell, A., & McKinley, J. (2005a). Forensic geoscience: applications of geology, geomorphology and geophysics to criminal investigations. *Earth-Science Reviews*, 69(3–4), 235–247. <https://doi.org/10.1016/j.earscirev.2004.08.002>

Ruffell, A., & McKinley, J. (2005b). Forensic geoscience: applications of geology, geomorphology and geophysics to criminal investigations. *Earth-Science Reviews*, 69(3–4), 235–247. <https://doi.org/10.1016/j.earscirev.2004.08.002>

Ruffell, A., & McKinley, J. (2008a). *Geoforensics*. John Wiley & Sons, Ltd. <https://doi.org/10.1002/9780470758854>

Ruffell, A., & McKinley, J. (2008b). *Geoforensics*. John Wiley & Sons, Ltd. <https://doi.org/10.1002/9780470758854>

Ruffell, A., & McKinley, J. (2014). Forensic geomorphology. *Geomorphology*, 206, 14–22. <https://doi.org/10.1016/j.geomorph.2013.12.020>

Ruffell, A., Pringle, J. K., & Forbes, S. (2014). Search protocols for hidden forensic objects beneath floors and within walls. *Forensic Science International*, 237, 137–145. <https://doi.org/10.1016/j.forsciint.2013.12.036>

Ruffell, A., & Wiltshire, P. (2004). Conjunctive use of quantitative and qualitative X-ray diffraction analysis of soils and rocks for forensic analysis. *Forensic Science International*, 145(1), 13–23. <https://doi.org/10.1016/j.forsciint.2004.03.017>

Saferstein, R. (2015a). *Criminalistics: an introduction to forensic science* (Edition 11, global edition). Pearson.

Saferstein, R. (2015b). *Criminalistics: an introduction to forensic science* (Edition 11, global edition). Pearson.

Schneider, C. A., Rasband, W. S., & Eliceiri, K. W. (2012a). NIH Image to ImageJ: 25 years of image analysis. *Nature Methods*, 9(7), 671–675. <https://doi.org/10.1038/nmeth.2089>

Schneider, C. A., Rasband, W. S., & Eliceiri, K. W. (2012b). NIH Image to ImageJ: 25 years of image analysis. *Nature Methods*, 9(7), 671–675. <https://doi.org/10.1038/nmeth.2089>

- Schulze, K., Tillich, U. M., Dandekar, T., & Frohme, M. (2013). PlanktoVision – an automated analysis system for the identification of phytoplankton. *BMC Bioinformatics*, 14(1). <https://doi.org/10.1186/1471-2105-14-115>
- Schweitzer, N.J. (n.d.). THE CSI EFFECT: POPULAR FICTION ABOUT FORENSIC SCIENCE AFFECTS THE PUBLIC'S EXPECTATIONS ABOUT REAL FORENSIC SCIENCE. *Jurimetrics*, 47(3), 357–364. https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_jstor_archive_1229762978&context=PC&vid=UCL_VU2=en_US&search_scope=CSOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,HE%20CSI%20EFFECT:%20POPULAR%20FICTION%20ABOUT%20FORENSIC%20SCIENCE%20AFFECTS%20THE%20PUBLIC%27S%20EXPECTATIONS%20ABOUT%20REAL%20FORENSIC%20SCIENCE&sortby=rank
- Scott, J., & Hunter, J. R. (2004a). Environmental influences on resistivity mapping for the location of clandestine graves. 232(1), 33–38. <https://doi.org/10.1144/GSL.SP.2004.232.01.05>
- Scott, J., & Hunter, J. R. (2004b). Environmental influences on resistivity mapping for the location of clandestine graves. *Geological Society, London, Special Publications*, 232(1), 33–38. <https://doi.org/10.1144/GSL.SP.2004.232.01.05>
- Scott, K. R., Morgan, R. M., Jones, V. J., & Cameron, N. G. (2014). The transferability of diatoms to clothing and the methods appropriate for their collection and analysis in forensic geoscience. *Forensic Science International*, 241, 127–137. <https://doi.org/10.1016/j.forsciint.2014.05.011>
- SERIAL. (n.d.). <https://serialpodcast.org/>
- Siver, P. A., Lord, W. D., & McCarthy, D. J. (1994). Forensic Limnology: The Use of Freshwater Algal Community Ecology to Link Suspects to an Aquatic Crime Scene in Southern New England. 39(3), 847–853. https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS13663J.htm
- Slot, A., van der Weerd, J., Roos, M., Baiker, M., Stoel, R. D., & Zuidberg, M. C. (2017). Tracers as invisible evidence — The transfer and persistence of flock fibres during a car exchange. *Forensic Science International*, 275, 178–186. <https://doi.org/10.1016/j.forsciint.2017.03.005>
- Solved- Trace Evidence. (2008). <https://www.youtube.com/watch?v=AMmSCXzmxD4>
- Stover, E., Haglund, W. D., & Samuels, M. (2003). Exhumation of Mass Graves in Iraq. *JAMA*, 290(5). <https://doi.org/10.1001/jama.290.5.663>
- Sugita, R., & Marumo, Y. (1996). Validity of color examination for forensic soil identification. *Forensic Science International*, 83(3), 201–210. [https://doi.org/10.1016/S0379-0738\(96\)02038-5](https://doi.org/10.1016/S0379-0738(96)02038-5)
- Sugita, R., & Marumo, Y. (2001). Screening of soil evidence by a combination of simple techniques: validity of particle size distribution. *Forensic Science International*, 122(2–3), 155–158. [https://doi.org/10.1016/S0379-0738\(01\)00490-X](https://doi.org/10.1016/S0379-0738(01)00490-X)

The 'CSI effect'. (2010). <http://www.economist.com/node/15949089>

The fascinating process of human decomposition. (2014).
<https://www.youtube.com/watch?v=OFJrow7yaec&feature=youtu.be>

The Forensics Library. (n.d.). <http://aboutforensics.co.uk/>

The Murder Trial. (n.d.). Channel 4.
<https://learningonscreen.ac.uk/ondemand/index.php/prog/057FF632?bcast=98658101>

The Soil Sleuth. (21 C.E.). <https://www.youtube.com/watch?v=NyurHTD2Kro>

Thompson, W. C., & Schumann, E. L. (1987). Interpretation of statistical evidence in criminal trials: The prosecutor's fallacy and the defense attorney's fallacy. *Law and Human Behavior*, 11(3), 167–187. <https://doi.org/10.1007/BF01044641>

Tibbett, M., & Carter, D. O. (Eds.). (2008). *Soil analysis in forensic taphonomy : chemical and biological effects of buried human remains*. CRC.
[http://explore.bl.uk/primo_library/libweb/action/display.do?tabs=moreTab&ct=display&fn=search&doc=BLL01014458757&indx=1&reclds=BLL01014458757&reclxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=1&scp.scps=scope%3A%28BLCONTENT%29&frbg=&tab=local_tab&dstmp=1477944307615&srt=rank&mode=Basic&vl\(488279563UI0\)=any&dum=true&tb=t&vl\(freeText0\)=soil%20analysis%20in%20forensic%20taphonomy%20chemical%20and%20biological%20effects%20of%20buried%20human%20remains&vid=BLVU1](http://explore.bl.uk/primo_library/libweb/action/display.do?tabs=moreTab&ct=display&fn=search&doc=BLL01014458757&indx=1&reclds=BLL01014458757&reclxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=1&scp.scps=scope%3A%28BLCONTENT%29&frbg=&tab=local_tab&dstmp=1477944307615&srt=rank&mode=Basic&vl(488279563UI0)=any&dum=true&tb=t&vl(freeText0)=soil%20analysis%20in%20forensic%20taphonomy%20chemical%20and%20biological%20effects%20of%20buried%20human%20remains&vid=BLVU1)

Underwater Forensics Robot on Beyond Tomorrow. (n.d.).
<http://www.dailymotion.com/video/x2xj6jp>

Underwater Forensics (Science Channel). (n.d.).
<http://www.sciencechannel.com/tv-shows/science-channel-presents/videos/discoveries-this-week-underwater-forensics/>

Undisclosed. (n.d.). <http://undisclosed-podcast.com/>

Waxing Historical: A Potted History of Adipocere. (12 C.E.).
<https://www.youtube.com/watch?v=apLz4uT6jWY&feature=youtu.be>

White, P. (2004). *Crime scene to court: the essentials of forensic science* (2nd ed). Royal Society of Chemistry.

Wiltshire, P. E. J. (2006a). Consideration of some taphonomic variables of relevance to forensic palynological investigation in the United Kingdom. *Forensic Science International*, 163(3), 173–182. <https://doi.org/10.1016/j.forsciint.2006.07.011>

Wiltshire, P. E. J. (2006b). Consideration of some taphonomic variables of relevance to forensic palynological investigation in the United Kingdom. *Forensic Science International*, 163(3), 173–182. <https://doi.org/10.1016/j.forsciint.2006.07.011>

Wiltshire, P. E. J., & Black, S. (2006). The cribriform approach to the retrieval of palynological evidence from the turbinates of murder victims. *Forensic Science*

International, 163(3), 224–230. <https://doi.org/10.1016/j.forsciint.2005.11.019>

Young, J. M., Weyrich, L. S., & Cooper, A. (2014). Forensic soil DNA analysis using high-throughput sequencing: A comparison of four molecular markers. *Forensic Science International: Genetics*, 13, 176–184. <https://doi.org/10.1016/j.fsigen.2014.07.014>

Zala, Krista. (n.d.). Dirty Science: Soil Forensics Digs into New Techniques. *Science*, 318 (5849), 386–387.

https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_jstor_archive_2320051376&context=PC&vid=UCL_VU2=en_US&search_scope=CS_COP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Dirty%20Science:%20Soil%20Forensics%20Digs%20Into%20New%20Techniques&sortby=rank

Zavada, M. S., McGraw, S. M., & Miller, M. A. (2007). The role of clothing fabrics as passive pollen collectors in the north-eastern United States. *Grana*, 46(4), 285–291. <https://doi.org/10.1080/00173130701780104>

Zimmerman, K. A., & Wallace, J. R. (2008). The Potential to Determine a Postmortem Submersion Interval Based on AlgalDiatom Diversity on Decomposing Mammalian Carcasses in Brackish Ponds in Delaware. *Journal of Forensic Sciences*, 53(4), 935–941. <https://doi.org/10.1111/j.1556-4029.2008.00748.x>