

SECU0021: Forensic Geoscience

[View Online](#)

'1969 FBI Soil Exam Video'. 8AD. <https://www.youtube.com/watch?v=1Op0-A752IY>.

Abdulla, Sara. 1999. 'The Buzzing Detective'. News@nature, September. <https://doi.org/10.1038/news990923-2>.

Allen, T.J, K Hoefler, and S Rose. 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, and J.K Scranage. 1998. 'The Transfer of Glass—Part 1'. Forensic Science International 93 (2–3): 167–74. [https://doi.org/10.1016/S0379-0738\(98\)00041-3](https://doi.org/10.1016/S0379-0738(98)00041-3).

Amendt, J., C. S. Richards, C. P. Campobasso, R. Zehner, and M. J. R. Hall. 2011. 'Forensic Entomology: Applications and Limitations'. Forensic Science, Medicine, and Pathology 7 (4): 379–92. <https://doi.org/10.1007/s12024-010-9209-2>.

Amendt, Jens, Carlo P. Campobasso, Emmanuel Gaudry, Christian Reiter, Hélène N. LeBlanc, and Martin J. R. Hall. 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>.

'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., and N.R. Hobischak. 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., R. M. Morgan, P. Comini, S. Calusi, and P. A. Bull. 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): 2260–67. <https://doi.org/10.1021/ac2028722>.

Balding, David J., and John Buckleton. 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, Suzanne. 2006. *Forensic Chemistry*. Upper Saddle River, N.J.: Pearson Prentice Hall.

Bernard Greenberg. 1991. 'Flies as Forensic Indicators'. *Journal of Medical Entomology* 28 (5): 565–77. <http://jme.oxfordjournals.org/content/28/5/565.long>.

Bevan, Bruce W. 1991. 'The Search for Graves' 56 (9): 1310–19.
<http://www.olemiss.edu/research/anthropology/haley/class2010/library/Bevan1991.pdf>.

Brock, J. H., and D. O. Norris. 1997. 'Forensic Botany: An under-Utilized Resource' 42 (3): 364–67. 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): 204–10.
<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): 614–18.
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_scopu s2-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, Vaughn M., and Gretchen D. Jones. 2006. 'Forensic Palynology: Current Status of a Rarely Used Technique in the United States of America'. *Forensic Science International* 163 (3): 183–97. <https://doi.org/10.1016/j.forsciint.2005.11.021>.

Bryant, Vaughn M., John G. Jones, and Dallas C. Mildenhall. 1990. 'Forensic Palynology in the United States of America'. *Palynology* 14 (1): 193–208.
<https://doi.org/10.1080/01916122.1990.9989380>.

Bugelli, Valentina, David Forni, Luciani Alessandro Bassi, Marco Di Paolo, Damiano Marra, Scilla Lenzi, Chiara Toni, et al. 2015. 'Forensic Entomology and the Estimation of the Minimum Time Since Death in Indoor Cases'. *Journal of Forensic Sciences* 60 (2): 525–31.
<https://doi.org/10.1111/1556-4029.12647>.

- Bull, P.A., and R.M. Morgan. 2006. 'Sediment Fingerprints: A Forensic Technique Using Quartz Sand Grains'. *Science & Justice* 46 (2): 107–24. [https://doi.org/10.1016/S1355-0306\(06\)71581-7](https://doi.org/10.1016/S1355-0306(06)71581-7).
- Bull, P.A., R.M. Morgan, and J. Freudiger-Bonzon. 2008. 'A Critique of the Present Use of Some Geochemical Techniques in Geoforensic Analysis'. *Forensic Science International* 178 (2–3): e35–40. <https://doi.org/10.1016/j.forsciint.2007.09.003>.
- Bull, P.A., R.M. Morgan, A. Sagovsky, and G.J.A. Hughes. 2006a. 'The Transfer and Persistence of Trace Particulates: Experimental Studies Using Clothing Fabrics'. *Science & Justice* 46 (3): 185–95. [https://doi.org/10.1016/S1355-0306\(06\)71592-1](https://doi.org/10.1016/S1355-0306(06)71592-1).
- . 2006b. 'The Transfer and Persistence of Trace Particulates: Experimental Studies Using Clothing Fabrics'. *Science & Justice* 46 (3): 185–95. [https://doi.org/10.1016/S1355-0306\(06\)71592-1](https://doi.org/10.1016/S1355-0306(06)71592-1).
- Bull, Peter A., Adrian Parker, and Ruth M. Morgan. 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: 277–80. <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, and M L Goff. 1992. 'Forensic Entomology in Criminal Investigations'. *Annual Review of Entomology* 37 (1): 253–72. <https://doi.org/10.1146/annurev.en.37.010192.001345>.
- Cheshire, K., R.M. Morgan, and J. Holmes. 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): 161–74. <https://doi.org/10.1080/00450618.2016.1144789>.
- Chisum, W. Jerry, and Brent E. Turvey. 2011. *Crime Reconstruction*. 2nd ed. Amsterdam: Academic Press. <http://www.sciencedirect.com/science/book/9780123864604>.
- Cole, Simon 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., I.W. Evett, G. Jackson, P.J. Jones, and J.A. Lambert. 1998. 'A Hierarchy of Propositions: Deciding Which Level to Address in Casework'. *Science & Justice* 38 (4): 231–39. [https://doi.org/10.1016/S1355-0306\(98\)72117-3](https://doi.org/10.1016/S1355-0306(98)72117-3).
- Cox, Eileen J. 2012. 'Diatoms and Forensic Science'. In *Forensic Ecology Handbook*, edited by Nicholas Márquez-Grant and Julie Roberts, 141–51. Chichester, UK: John Wiley & Sons, Ltd. <https://doi.org/10.1002/9781118374016.ch9>.
- Cox, Margaret. 2008. *The Scientific Investigation of Mass Graves: Towards Protocols and*

Standard Operating Procedures. New York: Cambridge University Press.

Cox, Melissa R., and Muniram Budhu. 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>.

———. 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, Debra J., and Kenneth Pye. 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): 2581-84.
<https://doi.org/10.1002/rcm.1174>.

Dachs, J., I.J. McNaught, and J. Robertson. 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>.

———. 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, Lorna A., and Stephen Hillier. 2010. 'Measurement of Soil Characteristics for Forensic Applications'. *Surface and Interface Analysis* 42 (5): 363-77.
<https://doi.org/10.1002/sia.3315>.

Delabarde, Tania, Christine Keyser, Antoine Tracqui, Damien Charabidze, and Bertrand Ludes. 2013. 'The Potential of Forensic Analysis on Human Bones Found in Riverine Environment'. *Forensic Science International* 228 (1-3): e1-5.
<https://doi.org/10.1016/j.forsciint.2013.03.019>.

Dent, B. B., S. L. Forbes, and B. H. Stuart. 2004. 'Review of Human Decomposition Processes in Soil'. *Environmental Geology* 45 (4): 576-85.
<https://doi.org/10.1007/s00254-003-0913-z>.

Dickson, Gemma C., Russell T.M. Poulter, Elizabeth W. Maas, P. Keith Probert, and Jules A. Kieser. 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, Carmen, and Andrea Widener. 2014. 'Forcing Change In Forensic Science' 92 (19): 10-15. <http://cen.acs.org/articles/92/i19/Forcing-Change-Forensic-Science.html>.

Etienne, David, and Isabelle Jouffroy-Bapicot. 2014. 'Optimal Counting Limit for Fungal Spore Abundance Estimation Using *Sporormiella* as a Case Study'. *Vegetation History and Archaeobotany* 23 (6): 743-49. <https://doi.org/10.1007/s00334-014-0439-1>.

Evetts, I.W., C.E.H. Berger, J.S. Buckleton, C. Champod, and G. Jackson. 2017. 'Finding the Way Forward for Forensic Science in the US—A Commentary on the PCAST Report'. *Forensic Science International* 278 (September): 16–23. <https://doi.org/10.1016/j.forsciint.2017.06.018>.

Fenning, Peter J., and Laurance J. Donnelly. 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 (September): e26–28. <https://doi.org/10.1016/j.forsciint.2018.06.038>.

Forbes, Shari L., Boyd B. Dent, and Barbara H. Stuart. 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, Shari L., Barbara H. Stuart, and Boyd B. Dent. 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>.

Forbes, S.L, B.H Stuart, and B.B Dent. 2002. 'The Identification of Adipocere in Grave Soils'. *Forensic Science International* 127 (3): 225–30. [https://doi.org/10.1016/S0379-0738\(02\)00127-5](https://doi.org/10.1016/S0379-0738(02)00127-5).

'Forensic Entomology - The Crime Scene (Wellcome Collection)'. 5AD. <https://www.youtube.com/watch?v=HIVKISCmjTQ>.

'Forensic Files Historic Cases Reel Danger'. 13AD. <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., R.M. Morgan, P. Baxendell, and P.A. Bull. 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>.

———. 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%26amp%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&se
q=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'. 17AD.
<https://www.youtube.com/watch?v=JQAeExJwjpE>.

Green, Nathan. 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): 405–12. [https://doi.org/10.1016/S0015-7368\(87\)72789-3](https://doi.org/10.1016/S0015-7368(87)72789-3).

Grieve, M.C., J. Dunlop, and P.S. Haddock. 1989. 'Transfer Experiments with Acrylic Fibres'. Forensic Science International 40 (3): 267–77.
[https://doi.org/10.1016/0379-0738\(89\)90185-0](https://doi.org/10.1016/0379-0738(89)90185-0).

Haglund, William, and Marcella Sorg, eds. 1996. Forensic Taphonomy. CRC Press.
<https://doi.org/10.1201/9781439821923>.

Hamzelou, Jessica. 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., and J. K. Pringle. 2013. 'Comparison of Magnetic, Electrical and Ground Penetrating Radar Surveys to Detect Buried Forensic Objects in Semi-Urban and Domestic Patio Environments' 384 (1): 229–51. <https://doi.org/10.1144/SP384.13>.

Hanson, Ian 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, David L., and Patricia E.J. Wiltshire. 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>.

———. 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, Mark. n.d. 'Fine Resolution of Pollen Patterns in Limited Space: Differentiating a Crime Scene and Alibi Scene Seven Meters Apart'. Journal of Forensic Sciences 44 (2): 417-20.

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.

———. n.d. '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.

Horrocks, Mark, and Kevan A.J. Walsh. 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).

Igathinathane, C., L.O. Pordesimo, E.P. Columbus, W.D. Batchelor, and S. Sokhansanj. 2009. 'Sieveless Particle Size Distribution Analysis of Particulate Materials through Computer Vision'. Computers and Electronics in Agriculture 66 (2): 147-58. <https://doi.org/10.1016/j.compag.2009.01.005>.

Inman, K., and N. Rudin. 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).

———. 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, Juha, and Kimmo Saarinen. 2011. 'Pollen Transport by Clothes'. Aerobiologia 27 (4): 339-43. <https://doi.org/10.1007/s10453-011-9200-8>.

Jasanoff, Sheila. 2005. 'Law's Knowledge: Science for Justice in Legal Settings'. American Journal of Public Health 95 (S1): S49-58. <https://doi.org/10.2105/AJPH.2004.045732>.

———. 2006. 'Just Evidence: The Limits of Science in the Legal Process'. *The Journal of Law, Medicine Ethics* 34 (2): 328–41. <https://doi.org/10.1111/j.1748-720X.2006.00038.x>.

'Jonathan Drori: Every Pollen Grain Has a Story'. 8AD.
<https://www.youtube.com/watch?v=vXDJ-nAyKKE&feature=youtu.be>.

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

Keiper, Joe B., and Dale A. Casamatta. 2001. 'Benthic Organisms as Forensic Indicators'. *Journal of the North American Benthological Society* 20 (2): 311–24.
<https://doi.org/10.2307/1468325>.

Kiely, Terrence F. 2006. *Forensic Evidence: Science and the Criminal Law*. Second edition. Boca Raton, FL: CRC Press. <http://dx.doi.org/10.1201/9781420038064>.

Kirk, Paul L. 1974. *Crime Investigation*. Edited by John I. Thornton. Second edition. New York: John Wiley & Sons.

Kloster, Michael. 2014. *Fragilariopsis Kerguelensis Images from Sediment Core PS1768-8, Supplement to: Kloster, Michael; Kauer, Gerhard; Beszteri, B  nk (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>.

———. 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, B  nk (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. 2018. <https://doi.org/10.1594/PANGAEA.892593>.

Konopinski, D.I., S. Hudziak, R.M. Morgan, P.A. Bull, and A.J. Kenyon. 2012. 'Investigation of Quartz Grain Surface Textures by Atomic Force Microscopy for Forensic Analysis'. *Forensic Science International* 223 (1–3): 245–55. <https://doi.org/10.1016/j.forsciint.2012.09.011>.

Koper, K. D., T. C. Wallace, S. R. Taylor, and H. E. Hartse. 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, Emma A., Ruth M. Morgan, Lewis D. Griffin, and Vivienne J. Jones. 2018a. 'A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials'. *Journal of Forensic Sciences*, October. <https://doi.org/10.1111/1556-4029.13938>.

———. 2018b. 'A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials'. *Journal of Forensic Sciences*, October. <https://doi.org/10.1111/1556-4029.13938>.

Maehly, A., and R. L. Williams, eds. 1991. *Forensic Science Progress* 5. Vol. 5. Berlin,

Heidelberg: Springer Berlin Heidelberg. <https://doi.org/10.1007/978-3-642-58233-2>.

Magni, Paola A., Cynthia Venn, Isabella Aquila, Francesca Pepe, Pietrantonio Ricci, Ciro Di Nunzio, Francesco Ausania, and Ian R. Dadour. 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 (February): e6–10. <https://doi.org/10.1016/j.forsciint.2014.11.016>.

Márquez-Grant, Nicholas, and Julie Roberts. 2012a. *Forensic Ecology Handbook: From Crime Scene to Court*. Chichester: Wiley-Blackwell. http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3189830300004761&institutionId=4761&customerId=4760.

———, eds. 2012b. *Forensic Ecology Handbook*. Chichester, UK: John Wiley & Sons, Ltd. <https://doi.org/10.1002/9781118374016>.

Mateus, Marcos, Hilda de Pablo, and Nuno Vaz. 2013. 'An Investigation on Body Displacement after Two Drowning Accidents'. *Forensic Science International* 229 (1–3): e6–12. <https://doi.org/10.1016/j.forsciint.2013.03.010>.

Mazzoli, Alida, and Orlando Favoni. 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 (July): 65–71. <https://doi.org/10.1016/j.powtec.2012.03.033>.

Mazzoli, Alida, and Giacomo Moriconi. 2014. 'Particle Size, Size Distribution and Morphological Evaluation of Glass Fiber Reinforced Plastic (GRP) Industrial by-Product'. *Micron* 67 (December): 169–78. <https://doi.org/10.1016/j.micron.2014.07.007>.

McCulloch, G., L.A. Dawson, M.J. Brewer, and R.M. Morgan. 2017. 'The Identification of Markers for Geoforensic HPLC Profiling at Close Proximity Sites'. *Forensic Science International* 272 (March): 127–41. <https://doi.org/10.1016/j.forsciint.2017.01.009>.

Merritt, R. W., and J. R. Wallace. 2000. 'The Role of Aquatic Insects in Forensic Investigations'. In *Forensic Entomology: The Utility of Arthropods in Legal Investigations*, edited by Jason H. Byrd and James L. Castner, 271–320. Boca Raton: 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): 675–86. <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%2B>

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%3D%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*. Edited by Mark Williams, T. Hill, I. Boomer, and Ian Wilkinson. London: 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): 227-34. [https://doi.org/10.1016/0034-6667\(90\)90137-8](https://doi.org/10.1016/0034-6667(90)90137-8).

———. 2006. 'Hypericum Pollen Determines the Presence of Burglars at the Scene of a Crime: An Example of Forensic Palynology'. *Forensic Science International* 163 (3): 231-35. <https://doi.org/10.1016/j.forsciint.2005.11.028>.

Mildenhall, D.C., P.E.J. Wiltshire, and V.M. Bryant. 2006. 'Forensic Palynology: Why Do It and How It Works'. *Forensic Science International* 163 (3): 163-72. <https://doi.org/10.1016/j.forsciint.2006.07.012>.

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

Moore, Peter D., J. A. Webb, and Margaret E. Collinson. 1991. *Pollen Analysis*. 2nd ed. Oxford: Blackwell Scientific Publications.

Morgan, R. M., and P. A. Bull. 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.

———. 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, RM. 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.

———. 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=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.

———. 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.

———. 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\(2017\).%20Conceptualising%20forensic%20science%20and%20forensic%20reconstruction.%20Part%20I:%20A%20conceptual%20model.%20Science%20&%20Justice,%2057\(6\),%20455-459.&sortby=rank](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).%20Conceptualising%20forensic%20science%20and%20forensic%20reconstruction.%20Part%20I:%20A%20conceptual%20model.%20Science%20&%20Justice,%2057(6),%20455-459.&sortby=rank).

Morgan, R.M., J. Cohen, I. McGookin, J. Murly-Gotto, R. O'Connor, S. Muress, J. Freudiger-Bonzon, and P.A. Bull. 2009. 'The Relevance of the Evolution of Experimental Studies for the Interpretation and Evaluation of Some Trace Physical Evidence'. *Science & Justice* 49 (4): 277–85. <https://doi.org/10.1016/j.scijus.2009.02.004>.

Morgan, R.M., G. Davies, F. Balestri, and P.A. Bull. 2013. 'The Recovery of Pollen Evidence from Documents and Its Forensic Implications'. *Science & Justice* 53 (4): 375–84. <https://doi.org/10.1016/j.scijus.2013.03.004>.

Morgan, R.M., J. Flynn, V. Sena, and P.A. Bull. 2014a. 'Experimental Forensic Studies of the Preservation of Pollen in Vehicle Fires'. *Science & Justice* 54 (2): 141–45. <https://doi.org/10.1016/j.scijus.2013.04.001>.

———. 2014b. 'Experimental Forensic Studies of the Preservation of Pollen in Vehicle Fires'. *Science & Justice* 54 (2): 141–45. <https://doi.org/10.1016/j.scijus.2013.04.001>.

Morgan, R.M., J.C. French, L. O'Donnell, and P.A. Bull. 2010. 'The Reincorporation and Redistribution of Trace Geoforensic Particulates on Clothing: An Introductory Study'. *Science & Justice* 50 (4): 195–99. <https://doi.org/10.1016/j.scijus.2010.04.002>.

Morgan, Ruth M., and Peter A. Bull. 2006a. 'Data Interpretation in Forensic Sediment and Soil Geochemistry'. *Environmental Forensics* 7 (4): 325–34. <https://doi.org/10.1080/15275920600996248>.

———. 2006b. 'Data Interpretation in Forensic Sediment and Soil Geochemistry'. *Environmental Forensics* 7 (4): 325–34. <https://doi.org/10.1080/15275920600996248>.

———. 2007. 'The Philosophy, Nature and Practice of Forensic Sediment Analysis'. *Progress in Physical Geography* 31 (1): 43–58. <https://doi.org/10.1177/0309133307073881>.

Morgan, Ruth M., James Robertson, Chris Lennard, Kimberley Hubbard, and Peter A. Bull. 2010. 'Quartz Grain Surface Textures of Soils and Sediments from Canberra, Australia: A Forensic Reconstruction Tool'. *Australian Journal of Forensic Sciences* 42 (3): 169–79. <https://doi.org/10.1080/00450610903258110>.

Morgan, Ruth M., Patricia Wiltshire, Adrian Parker, and Peter A. Bull. 2006a. 'The Role of Forensic Geoscience in Wildlife Crime Detection'. *Forensic Science International* 162 (1–3): 152–62. <https://doi.org/10.1016/j.forsciint.2006.06.045>.

———. 2006b. 'The Role of Forensic Geoscience in Wildlife Crime Detection'. *Forensic Science International* 162 (1-3): 152-62. <https://doi.org/10.1016/j.forsciint.2006.06.045>.

Muccio, Zeland, and Glen P. Jackson. 2009. 'Isotope Ratio Mass Spectrometry'. *The Analyst* 134 (2): 213-22. <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_wos000073443500002&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%2Fdeposit%20samples:%20comparison%20with%20the%20conventional%20method.%20Boreas%2027,&sortby=rank.

Newell, Andrew J., Ruth M. Morgan, Lewis D. Griffin, Peter A. Bull, John R. Marshall, and Giles Graham. 2012a. 'Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*'. *Journal of Forensic Sciences* 57 (5): 1285-89. <https://doi.org/10.1111/j.1556-4029.2012.02126.x>.

———. 2012b. 'Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*'. *Journal of Forensic Sciences* 57 (5): 1285-89. <https://doi.org/10.1111/j.1556-4029.2012.02126.x>.

Parker, Rachael, Alastair Ruffell, David Hughes, and Jamie Pringle. 2010. 'Geophysics and the Search of Freshwater Bodies: A Review'. *Science & Justice* 50 (3): 141-49. <https://doi.org/10.1016/j.scijus.2009.09.001>.

Peabody, Anthony J., and Nigel G. Cameron. 2010. 'Forensic Science and Diatoms'. In *The Diatoms*, edited by John P. Smol and Eugene F. Stoermer, 534-39. Cambridge: Cambridge University Press. <https://doi.org/10.1017/CBO9780511763175.030>.

Piette, Michel H.A., and Els A. De Letter. 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, Michael 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., and K.W. Smalldon. 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, Jamie K., Claire Holland, Katie Szkornik, and Mark Harrison. 2012. 'Establishing Forensic Search Methodologies and Geophysical Surveying for the Detection of Clandestine Graves in Coastal Beach Environments'. *Forensic Science International* 219 (1-3): e29-36. <https://doi.org/10.1016/j.forsciint.2012.01.010>.

Pringle, J.K., A. Ruffell, J.R. Jervis, L. Donnelly, J. McKinley, J. Hansen, R. Morgan, D. Pirrie, and M. Harrison. 2012. 'The Use of Geoscience Methods for Terrestrial Forensic Searches'. *Earth-Science Reviews* 114 (1-2): 108-23. <https://doi.org/10.1016/j.earscirev.2012.05.006>.

Pye, Kenneth, Simon J. Blott, Debra J. Croft, and James F. Carter. 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, Kenneth, D. J. Croft, and Geological Society of London. 2004. *Forensic Geoscience: Principles, Techniques and Applications*. Vol. 232. London: Geological Society.

Pye, Kenneth, and Debra Croft. 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>.

Quaak, Frederike C.A., and Irene Kuiper. 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., and M. Cave. 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, Barry G., Simon J. Kemp, Emily H. Hodgkinson, James B. Riding, Christopher H. Vane, Catherine Poulton, and Katy Freeborough. 2006. 'Potential and Pitfalls in Establishing the Provenance of Earth-Related Samples in Forensic Investigations'. *Journal of Forensic Sciences* 51 (4): 832-45. <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, Lorlyn, Kaixuan Bu, Murrell Godfrey, and James V. Cizdziel. 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: 135-51. https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wos00

0252435100014&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,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., Lorna Dawson, and David Miller. 2009. *Criminal and Environmental Soil Forensics*. [Dordrecht?]: Springer.
<https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=417347>.

Ruffell, Alastair. 2006. 'Under-Water Scene Investigation Using Ground Penetrating Radar (GPR) in the Search for a Sunken Jet Ski, Northern Ireland'. *Science & Justice* 46 (4): 221–30. [https://doi.org/10.1016/S1355-0306\(06\)71602-1](https://doi.org/10.1016/S1355-0306(06)71602-1).

———. 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, Alastair, and Jennifer McKinley. 2005a. 'Forensic Geoscience: Applications of Geology, Geomorphology and Geophysics to Criminal Investigations'. *Earth-Science Reviews* 69 (3–4): 235–47. <https://doi.org/10.1016/j.earscirev.2004.08.002>.

———. 2005b. 'Forensic Geoscience: Applications of Geology, Geomorphology and Geophysics to Criminal Investigations'. *Earth-Science Reviews* 69 (3–4): 235–47.
<https://doi.org/10.1016/j.earscirev.2004.08.002>.

———. 2008a. *Geoforensics*. Chichester, UK: John Wiley & Sons, Ltd.
<https://doi.org/10.1002/9780470758854>.

———. 2008b. *Geoforensics*. Chichester, UK: John Wiley & Sons, Ltd.
<https://doi.org/10.1002/9780470758854>.

———. 2014. 'Forensic Geomorphology'. *Geomorphology* 206 (February): 14–22.
<https://doi.org/10.1016/j.geomorph.2013.12.020>.

Ruffell, Alastair, Jamie K. Pringle, and Shari Forbes. 2014. 'Search Protocols for Hidden Forensic Objects beneath Floors and within Walls'. *Forensic Science International* 237 (April): 137–45. <https://doi.org/10.1016/j.forsciint.2013.12.036>.

Ruffell, Alastair, and Patricia Wiltshire. 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, Richard. 2015a. *Criminalistics: An Introduction to Forensic Science*. Edition 11, Global edition. Boston: Pearson.

———. 2015b. *Criminalistics: An Introduction to Forensic Science*. Edition 11, Global edition. Boston: Pearson.

Schneider, Caroline A, Wayne S Rasband, and Kevin W Eliceiri. 2012a. 'NIH Image to ImageJ: 25 Years of Image Analysis'. *Nature Methods* 9 (7): 671–75.
<https://doi.org/10.1038/nmeth.2089>.

———. 2012b. 'NIH Image to ImageJ: 25 Years of Image Analysis'. *Nature Methods* 9 (7): 671–75. <https://doi.org/10.1038/nmeth.2089>.

Schulze, Katja, Ulrich M Tillich, Thomas Dandekar, and Marcus Frohme. 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): 357–64. 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., and J. R. Hunter. 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>.

———. 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, Kirstie R., Ruth M. Morgan, Vivienne J. Jones, and Nigel G. Cameron. 2014. 'The Transferability of Diatoms to Clothing and the Methods Appropriate for Their Collection and Analysis in Forensic Geoscience'. *Forensic Science International* 241 (August): 127–37. <https://doi.org/10.1016/j.forsciint.2014.05.011>.

'SERIAL'. n.d. <https://serialpodcast.org/>.

Siver, P. A., W. D. Lord, and D. J. McCarthy. 1994. 'Forensic Limnology: The Use of Freshwater Algal Community Ecology to Link Suspects to an Aquatic Crime Scene in Southern New England' 39 (3): 847–53. https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS13663J.htm.

Slot, Ana, Jaap van der Weerd, Martin Roos, Martin Baiker, Reinoud D. Stoel, and Matthijs C. Zuidberg. 2017. 'Tracers as Invisible Evidence — The Transfer and Persistence of Flock Fibres during a Car Exchange'. *Forensic Science International* 275 (June): 178–86. <https://doi.org/10.1016/j.forsciint.2017.03.005>.

'Solved- Trace Evidence'. 2008. <https://www.youtube.com/watch?v=AMmSCXzmxD4>.

Stover, Eric, William D. Haglund, and Margaret Samuels. 2003. 'Exhumation of Mass Graves in Iraq'. *JAMA* 290 (5). <https://doi.org/10.1001/jama.290.5.663>.

Sugita, Ritsuko, and Yoshiteru Marumo. 1996. 'Validity of Color Examination for Forensic Soil Identification'. *Forensic Science International* 83 (3): 201–10. [https://doi.org/10.1016/S0379-0738\(96\)02038-5](https://doi.org/10.1016/S0379-0738(96)02038-5).

———. 2001. 'Screening of Soil Evidence by a Combination of Simple Techniques: Validity

of Particle Size Distribution'. *Forensic Science International* 122 (2-3): 155-58. [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'. 21AD. <https://www.youtube.com/watch?v=NyurHTD2Kro>.

Thompson, William C., and Edward L. Schumann. 1987. 'Interpretation of Statistical Evidence in Criminal Trials: The Prosecutor's Fallacy and the Defense Attorney's Fallacy.' *Law and Human Behavior* 11 (3): 167-87. <https://doi.org/10.1007/BF01044641>.

Tibbett, Mark, and David O. Carter, eds. 2008. *Soil Analysis in Forensic Taphonomy: Chemical and Biological Effects of Buried Human Remains*. Boca Raton, Florida: CRC. [http://explore.bl.uk/primo_library/libweb/action/display.do?tabs=moreTab&ct=display&fn=search&doc=BLL01014458757&indx=1&reclids=BLL01014458757&reclidx=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=1&scp.scps=scope%3A%28BLCCONTENT%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&reclids=BLL01014458757&reclidx=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=1&scp.scps=scope%3A%28BLCCONTENT%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'. 12AD. <https://www.youtube.com/watch?v=apLz4uT6jWY&feature=youtu.be>.

White, Peter. 2004. *Crime Scene to Court: The Essentials of Forensic Science*. 2nd ed. Cambridge, UK: Royal Society of Chemistry.

Wiltshire, Patricia E.J. 2006a. 'Consideration of Some Taphonomic Variables of Relevance to Forensic Palynological Investigation in the United Kingdom'. *Forensic Science International* 163 (3): 173-82. <https://doi.org/10.1016/j.forsciint.2006.07.011>.

———. 2006b. 'Consideration of Some Taphonomic Variables of Relevance to Forensic Palynological Investigation in the United Kingdom'. *Forensic Science International* 163 (3): 173-82. <https://doi.org/10.1016/j.forsciint.2006.07.011>.

Wiltshire, Patricia E.J., and Sue Black. 2006. 'The Cribriform Approach to the Retrieval of Palynological Evidence from the Turbinates of Murder Victims'. *Forensic Science International* 163 (3): 224–30. <https://doi.org/10.1016/j.forsciint.2005.11.019>.

Young, Jennifer M., Laura S. Weyrich, and Alan Cooper. 2014. 'Forensic Soil DNA Analysis Using High-Throughput Sequencing: A Comparison of Four Molecular Markers'. *Forensic Science International: Genetics* 13 (November): 176–84. <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): 386–87. 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, Michael S., Stephanie M. McGraw, and Melissa A. Miller. 2007. 'The Role of Clothing Fabrics as Passive Pollen Collectors in the North-eastern United States'. *Grana* 46 (4): 285–91. <https://doi.org/10.1080/00173130701780104>.

Zimmerman, Kathryn A., and John R. Wallace. 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): 935–41. <https://doi.org/10.1111/j.1556-4029.2008.00748.x>.