

Prof ANDREW J MOFFAT,
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LinkedIn profile: <https://www.linkedin.com/pub/andy-moffat/b/b8/35a>
ResearchGate profile: https://www.researchgate.net/profile/Andy_Moffat

PERSONAL PROFILE:

An internationally recognised scientist, specialising in Environmental Science, Sustainable Forest Management, Forestry and Climate Change, Urban and Environmental Forestry, Brownfield Land Restoration and Arboriculture with a background of nearly 30 years with the UK Forestry Commission. Key expertise in Research, Training, Evaluation and Lecturing, Strategic Review, Project and Survey Design and Analysis, Project Delivery, Advice, Guidance and Mentoring.

KEY SKILLS

Sector experience – have worked in UK agriculture and forestry government departments for over 40 years; wide knowledge and experience of UK, European and international forestry and associated sectors.

Professional reputation – nationally and internationally recognised scientific expert on sustainable forest management, climate change and the natural environment, brownfield restoration, urban forestry and arboriculture, forest soils and environmental monitoring; extremely well networked across government departments, NGOs, university departments and the forestry and arboricultural industries.

Communications skills - well-developed written and verbal communication skills; extensive list of specialist and non-specialist publications; track record of teaching and training a wide range of audiences (sector professional, academic), at home and abroad.

Project management - proven experience of initiating, directing, managing and contributing to science-based, policy-relevant research projects in the UK, Europe and internationally; have worked with many partner organisations (academic, governmental, NGO and industry), in the UK, Europe and New Zealand.

CURRENT RESPONSIBILITIES

- Visiting Professor, School of Archaeology, Geography and Environmental Science, University of Reading since 2007;
- Honorary Research Fellow, Forest Research (research agency of the Forestry Commission) (<https://www.forestresearch.gov.uk/staff/professor-andy-moffat/>) since 2013;
- Director, A J Moffat & Associates (www.ajmoffat.co.uk) – environmental consultancy;
- Member of the Forestry Commission South East Forestry and Woodlands Advisory Committee (FWAC);
- Member of the Forestry Commission Urban Forestry and Woodland Advisory Committee Network;
- Member of Comité Stratégique et Scientifique International, Reconnect Nature (2025 onwards);
- Associate Editor of *Soil Use and Management* scientific journal since 1990s;
- Scientific referee for selected journals and book proposals; external PhD examiner;

- Member of the 'England & Wales Wildfire Forum', 'Tree and Design Action Group', and 'Tree Health Citizen Science Network';
- Research active in fields of urban forestry and arboriculture; citizen science, climate change adaptation, sustainable forestry, wildfire risk and soil science;
- Training tutor, Institute of Chartered Foresters, Royal Forestry Society, Focus on Forestry First, Green Skills Training Academy and Arboricultural Association;
- THRIVE mentor, University of Reading;
- Convenor, Green Infrastructure Group, the Petersfield (civic) Society; member of Petersfield Town Council Tree Planning Working Group;
- Volunteer Coordinator, East Hampshire Tree Warden Network.

KEY CAREER ACHIEVEMENTS

Environmental Consultancy

- Successfully launched environmental forestry and arboricultural consultancy in 2013;
- Undertaken a wide range of projects for public and private clients at home and abroad (e.g. Forest Europe, European Commission, European Environment Agency, European Forest Institute, Defra, Scottish Forestry, Natural Resources Wales, Forestry Commission, Historic England, City of London Corporation, Future Trees Trust);
- Maintained commitment to scientific publication and communication (see publication record and 'Research and Knowledge Exchange', below).

Forestry

- As Head of Forestry and Climate Change in Forest Research until 2013 managed c. 50 staff with annual budget of £5.25 million;
- As member of Forest Research Executive Board managed forest environmental and tree health science at national level;
- Recognised as national and international authority in forest soil science, land reclamation and regeneration, urban forestry, forest monitoring, climate change risk and forest fires. Published extensively in these subjects;
- Provided scientific direction at highest level to support 'Forestry for Economic Regeneration', one of four major policy aims in English forestry in recent decades;
- Led UK scientific input into negotiating and drafting European legislation on forest monitoring (e.g. EC Forest Focus Regulation). Ensured maximum benefit and co-funding for British monitoring interests;
- Set up the archaeological and heritage research unit in Forest Research, helping to dissipate misunderstanding between forestry and archaeological sectors;
- Set up first comprehensive metadatabase of forest research data in Forest Research to ensure efficient access for colleagues and customers;
- Co-author of paper winning the Scottish Forestry Trust, Dr Cyril Hart Memorial Award in 2022;
- Invited to participate in several foresight analyses regarding the future of forestry by the UK professional body (Institute of Chartered Foresters), 2022 and 2025;
- Appointed as member of Forestry Commission SE FWAC and urban FWAC, 2025 and 2026.

Environmental and Climate Change Science

- Formed Centre for Forestry and Climate Change in 2009, the centre of excellence in climate change and tree health research. Highly regarded across forestry sector for its expertise and problem solving abilities;
- Wrote or co-authored influential reports (a) on climate change adaptation in East Hampshire (in advance of COP26) (2021), (b) Defra sponsored 2012 UK Climate Change Risk Assessment as forestry sector lead author, (c) the UK National Ecosystem Assessment in 2011, (d) the government Foresight report on Land Use Futures in 2010;

- Played a prominent part in the delivery of climate change adaptation guidance for Scotland as part of ClimateXChange (<http://www.climatexchange.org.uk>);
- Regular climate research project evaluator for FFG Österreichische Forschungsförderungsgesellschaft, 2017 to 2025.

Wildfire Research

- Pre-Brexit, represented the UK on the European Commission Expert Group on Forest Fires;
- Published and widely cited on the subject, including governance, social and health aspects;
- Co-operated with New Zealand in developing new systems for managing forest fire risk in the UK; has subsequently worked with all four UK administrations to deliver them;
- Invited to give evidence to UK SAGE (Scientific Advisory Group for Emergencies) in 2023;
- EC Horizon 2020 research project expert evaluator, 2020-2026, ongoing;
- Active member of the England and Wales Wildfire Forum.

Land Reclamation and Waste Recycling

- Authored government guidance on land reclamation and use of organic waste materials (sewage sludge, composts) in land reclamation. Led to step change in reclamation practice and vastly improved land after-uses following mineral extraction;
- Provided scientific understanding, guidance and built confidence for expansion of community forestry movement on derelict land, helping in many hundreds of hectares being reclaimed to beneficial use;
- Created urban and land reclamation research unit within Forest Research in 2000, showcasing expertise. Gained much influence in forestry / land reclamation sectors;
- Instrumental in change in government policy and practice in respect of landfill reclamation and post-closure management involving trees and woodlands;
- Provided total reclamation solution for restoration of opencast coal tips for woodland;
- Supported the water industry in testing the operational use of biosolids for land reclamation to woodland, and showed the value of their products;
- Chair of British Land Reclamation Society, 2013 to 2018;
- Expert advisor and contractor to Defra's programme of afforestation on Vacant and Derelict Land (2023 to 2025);
- Continues to be sought to give professional advice and written guidance through publication.

Urban Forestry and Arboriculture

- Transformed urban forestry in Britain since its modern inception, providing high-level scientific and technical underpinning;
- Co-authored the first practical guidance on 'Urban Forestry Practice' in Britain, and many influential scientific papers;
- Principal Investigator of four workstreams in the EPSRC-funded 'Sustainable Urban Brownfield: Integrated Management (SUBR:IM)' project (2003-2007);
- Co-authored the 'Benefits of Green Infrastructure' report for Defra (2010); and England's Community Forests Woodland Creation Handbook;
- Attracted ministerial interest in the 2017 report on the i-Tree Eco survey of Petersfield's tree population (project leader, principal author);
- Continues to publish authoritative scientific work.

Soil Science

- Strengthened the importance of soil protection in British forestry and helped UK to define its leadership in sustainable forest soil management; instigated and authored the first version of 'Forests and Soil Conservation Guidelines' published by the Forestry Commission. Appointed as advisor on most recent version (2023);
- Published over 60 peer reviewed papers, articles and presentations on forest soils and their sustainability;

- Co-authored first regional Soil Survey for South-East England, laying foundation for digital soil knowledge for England and Wales, and optimising land-use planning involving soil management;
- The instigator of, first Secretary and subsequent Chair of, South-east England Soils Discussion Group, the SE regional group of the British Society of Soil Science;
- Managed the development of Forest Research's chemical laboratories diversification to include plant tissue, water and soil analysis. Delivered quality service to the Forestry Commission and the forestry sector.

Research and Knowledge Exchange

- A major income winner for Forest Research, building capacity and reputation, supporting jobs and delivering quality science; won significant funding from almost all of Defra 'family' of departments and agencies, DCLG, NERC and EPSRC, Scottish Government, Regional Development Agencies, water companies and the EU;
- A conspicuous author: nearly 90 peer reviewed papers, 40 Government publications, 45 books, book chapters and published conference proceedings, 90 out-reach, trade and other publications and over 40 contract reports;
- Conceived and set up first 'Research Forest' in Britain (in England), and led development of two others, in Wales and Scotland;
- Worked with research partners and collaborators at home and abroad. Headed UK National Focal Centre for Forest Monitoring as part of pan-European network from 1997-2013; continues to advise professional organisations on monitoring matters;
- Instigated development of economic research in Forest Research, helping to underpin forestry research with an economic rationale and promoting ability to work within ecosystem services framework;
- Has successfully supervised eight PhD students;
- Co-led pioneering research on the value of citizen science in tree health assessment (with Prof. H. Geoghegan, UoR);
- Sought-after tutor for workshops on soils and climate science (e.g. Institute of Chartered Foresters, Royal Forestry Society, Focus on Forestry First, Green Skills Training Academy, Arboricultural Association);
- Participated in UoR Department of Geography and Environmental Science, Landscapes and Natural Resources Module GV1LAR-24-5_S2, May 2025.

CAREER HISTORY

Director, A J Moffat & Associates	2013-
Forest Research, Head of Environmental Research Branch, Environmental & Human Sciences Division, and Centre for Forestry and Climate Change (2009-2013).	1997-2013
Forestry Commission Research Division; Soil Project Leader	1985-1997
Soil Survey of England and Wales; Soil surveyor	1979-1985
University of Reading; Soil laboratory technician	1975-1976

PROFESSIONAL QUALICATIONS AND MEMBERSHIPS

- Fellow of Royal Geographical Society; Fellow of the British Society of Soil Science;
- Member and Chartered Consultant, Institute of Chartered Foresters;
- B.Sc. Geography and Soil Science, University of Reading, 1975;
- Ph.D. Geography, University College London, 1980;
- D.Sc. University of Reading, 2005;
- Visiting Professor, School of Archaeology, Geography and Environmental Science, University of Reading, 2007-present;

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Urban Forestry Written work @ 15 January 2026

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(a) Peer reviewed journal publications	5
(b) Books, book chapters and published conference proceedings	8
(c) Government publications	11
(d) Out-reach, sector and web-based publications	13
(e) Contract reports and reports to industry	16

(a) Peer reviewed journal publications

Moffat, A.J., Schultz, A.J., Crudge, S. and Bending, N.A.D. (submitted for publication). Optimising soil provision for woodland creation in sustainable brownfield regeneration – a new online Decision Support Tool. *Landscape and Urban Planning*.

Moffat, A.J., Ambrose-Oji, B., Clarke, T.K., O'Brien, L. and Doick, K.J., 2024. Public attitudes to urban trees in Great Britain in the early 2020s. *Urban Forestry & Urban Greening* 91, 128177. <https://doi.org/10.1016/j.ufug.2023.128177>

Gupta, N. Slawson, D.D. and Moffat, A.J. 2021. Using citizen science for early detection of tree pests and diseases: perceptions of professional and public participants. *Biological Invasions* <https://doi.org/10.1007/s10530-021-02631-3>

McMorrow, J.M., Kazmierczak, A., Ayles, J., Moffat, A.J., Morison, J.I.L. and Gazzard, R. 2021. Developing a risk assessment approach for forest fire at the rural-urban interface: potential of the Wildfire Threat Analysis framework for the UK. *Quarterly Journal of Forestry* 115(3), 161-167. <https://doi.org/10.5281/zenodo.6949092>

Slawson, D.D. and Moffat, A.J. 2020. How effective are Citizen Scientists at contributing to government tree health public engagement and surveillance needs—an analysis of the UK Open Air Laboratories (OPAL) survey model. *Insects* 11(9), 550; <https://doi.org/10.3390/insects11090550>

Moffat, A.J. and Doick, K.J. 2019. The Petersfield i-Tree Eco survey – an exercise in community ownership. *Arboricultural Journal* 41, 153-171. <https://doi.org/10.1080/03071375.2019.1642046>

Moffat, A.J. and Gazzard, R. 2019. Wildfire adaptation and contingency planning in South East England - implementation of current legislation and policy. *Quarterly Journal of Forestry* 113 (3), 160-165.

Lakeman Fraser, P., Gosling, L., Moffat, A.J., West, S.E., Fradera, R., Davies, L., Ayamba, M.A. and van der Wal, R. 2016. To have your citizen science cake and eat it? Delivering outreach and environmental monitoring through Open Air Laboratories (OPAL). *BMC Ecology Supplement* 16 (Suppl 1): S16, 57-70. <http://dx.doi.org/10.1186/s12898-016-0065-0>

Moffat, A.J. 2016. Communicating the benefits of urban trees: A critical review. *Arboricultural Journal* 38(2), 64-82. <https://doi.org/10.1080/03071375.2016.1163111>

Finlay, S., Moffat, A.J., Gazzard, R. and Murray, V. 2012. Health Impacts of Wildfires. *PLoS Currents: Disasters* <https://pmc.ncbi.nlm.nih.gov/articles/PMC3492003/>

- Pediaditi, K., Doick, K.J. and Moffat, A.J. 2010. Monitoring and evaluation practice for brownfield regeneration to greenspace initiatives. A meta-evaluation of assessment and monitoring tools. *Landscape and Urban Planning* 97, 22-36. <https://doi.org/10.1016/j.landurbplan.2010.04.007>
- Rodriguez, O., Sellers, G., Sinnett, D., Moffat, A.J. and Hutchings, T.R. 2010. Use of remediated soil materials for sustainable plant growth. *Land Contamination & Reclamation* 18, 25-39. <https://doi.org/10.2462/09670513.989>
- Hutchings, T.R., Sinnett, D., Doick, K., Pediaditi, K. and Moffat, A.J. 2009. Integrated Remediation, Reclamation and Greenspace creation on Brownfield Land. *CL:AIRE sub:im Bulletin* 11, London.
- Doick, K.J., Pediaditi, K., Moffat, A.J. and Hutchings, T.R. 2009. Defining the sustainability objectives of brownfield regeneration to greenspace. *International Journal of Environmental Policy and Decision Making* 10, 282-302.
- de Munck, C., Hutchings, T.R. and Moffat, A.J. 2008. Impacts of climate change and establishing a vegetation cover on water erosion of contaminated spoils for two contrasting UK regional climates – a case study approach. *Integrated Environmental Assessment and Management* 4, 443-455.
- Moffat, A.J., Hutchings, T.R., Tubby, I., Butt, K.R. and Lowe, C.N. 2008. Experimental woodland establishment on brick clays in southern England. *Land Contamination & Reclamation* 16 (3), 181-190.
- Moffat, A.J., Foot, K., Kennedy, F.M., Dobson, M.C. and Morgan, G. 2008. Experimental tree planting on containment UK landfill sites: results of ten years monitoring. *Arboriculture & Urban Forestry* 34(3), 163-172.
- van Herwijnen, R., Sellers, G., Sinnett, D., Moffat, A.J., Hutchings, T.R., Al-Tabbaa, A. and Ouki, S. 2008. The use of compost in the regeneration of brownfield land. *CL:aire sub:im bulletin* SUB 10, London, 4pp.
- van Herwijnen, R. Hutchings, T.R., Al-Tabbaa, A., Moffat, A.J., Johns, M.L. and Ouki, S.K. 2007. Remediation of metal contaminated soil with mineral-amended composts. *Environmental Pollution* 150, 347-354.
- van Herwijnen, R., Al-Tabbaa, A., Hutchings, T.R., Moffat, A.J., Ouki, S.K. and Johns, M.L. 2007. The impact of waste compost-based soil amendments on the leaching behavior of a heavy metal contaminated soil. *Environmental Engineering Science* 24, 897-904. <https://doi.org/10.1089/ees.2006.0139>
- Mooney, S.J., Foot, K., Hutchings, T.R. and Moffat, A.J. 2007. Micromorphological investigations into root penetration in a landfill mineral cap, Hertfordshire, UK. *Waste Management* 27, 1225-1232. <https://doi.org/10.1016/j.wasman.2006.07.012>
- Al-Tabbaa, A., Smith, S.E., Duru, U.E., Iyengar, S.R., De Munck, C., Moffat, A.J., Hutchings, T.R., Dixon, T., Doak, J., Garvin, S.L., Ridal, J., Raco, M. and Henderson, S. 2007. Climate Change, Pollutant Linkage and Brownfield Regeneration. *CL:AIRE sub:im bulletin* SUB 3, London.
- Hutchings, T.R., Sinnett, D., Peace, A. and Moffat, A.J. 2006. The effect of woodland growth on a containment landfill site in Hertfordshire, UK. *Urban Forestry and Urban Greening* 5, 169-176. <https://doi.org/10.1016/j.ufug.2006.08.002>

- Lynch, J.M. and Moffat, A.J. 2005. Bioremediation – prospects for the future application of innovative applied biological research. *Annals of Applied Biology* 146, 217-221. <https://doi.org/10.1111/j.1744-7348.2005.040115.x>
- Butt, K.R., Lowe, C.N., Frederickson, J. and Moffat, A.J. 2004. The development of sustainable earthworm populations at Calvert Landfill Site UK. *Land Degradation and Development* 15, 27-36. <https://doi.org/10.1002/ldr.585>
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- Hutchings, T.R., Moffat, A.J. and Kemp, R.A. 2001. Effects of rooting and tree growth of selected woodland species on cap integrity in a clay capped landfill site. *Waste Management and Research* 19, 193-200. <https://doi.org/10.1177/0734242X0101900302>
- Moffat, A.J. and Bending, N.A.D. 2000. Replacement of soil and soil-forming materials by loose tipping in reclamation to woodland. *Soil Use and Management* 16, 75-81. <https://doi.org/10.1111/j.1475-2743.2000.tb00178.x>
- Bending, N.A.D. and Moffat, A.J. 1999. Tree performance on minespoils in the South Wales coalfield. *Journal of Applied Ecology* 36, 784-797. <https://doi.org/10.1046/j.1365-2664.1999.00444.x>
- Dobson, M.C. and Moffat, A.J. 1995. A re-evaluation of objections to tree planting on containment landfills. *Waste Management and Research* 13, 579-600.
- Moffat, A.J. 1994. Nursery sterilization and inoculation regimes for alder production. *Forestry* 67, 313-327. <https://doi.org/10.1093/forestry/67.4.313>
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- Moffat, A.J. and Shaw, P.J.A. 1993. Establishment of trees on mixtures of pulverized fuel ash and gypsum. I. Tree performance. *Land Degradation and Rehabilitation* 4, 87-97.
- Moffat, A.J. and Roberts, C.J. 1991. Grass mixtures for afforested opencast coal spoil in South Wales. *Land Degradation and Rehabilitation* 2, 127-134.
- Moffat, A.J. and Houston, T.J. 1991. Tree establishment and growth at Pitsea landfill site, Essex, UK. *Waste Management and Research* 9, 35-46.
- Moffat, A.J. and Roberts, C.J. 1989. The use of large scale ridge and furrow landforms in forestry reclamation of mineral workings. *Forestry* 62, 233-248.

(b) Books, book chapters and published conference proceedings (excluding Government publications)

Moffat, A.J. (in press). Green infrastructure and the regeneration of brownfield land. In: D. Sinnett, N. Smith, S. Burgess and H. Rumble (eds). *Handbook on Green Infrastructure: Planning, design and implementation*, Second Edition, Edward Elgar Publishing Ltd, Cheltenham.

Lord, R., Moffat, A.J., Sinnett, D., Phillips, P., Brignall, D. and Manning, D. 2023. Blue-green infrastructure on mineral sites. In Washbourne, C-L. and Wansbury, C. (Eds), *ICE Manual of Blue-Green Infrastructure*, 207-225. ISBN: 9780727765420.

Moffat, A.J. and Handley, P. 2021. *Petersfield Community Tree Location Survey. Identifying public places for planting trees*. Report to Hampshire County Council, East Hampshire District Council, South Downs National Park Authority and Petersfield Town Council. Petersfield Society, Petersfield. <https://petersfieldsociety.org.uk/project/petersfield-community-tree-location-survey/>

Moffat, A.J., Doick, K.J. and Handley, P. 2017. *Petersfield's trees - their importance and value. Results of the i-Tree Eco survey*. Report to East Hampshire District Council, South Downs National Park Authority and Petersfield Town Council. The Petersfield Society, Petersfield. <https://petersfieldsociety.org.uk/project/i-tree/>

Moffat, A.J. 2015. Green infrastructure and regeneration of brownfield land. Chapter 22. In: D. Sinnett, N. Smith and S. Burgess (eds). *Handbook on Green Infrastructure: Planning, design and implementation*, Edward Elgar Publishing Ltd, Cheltenham, pp. 395-413.

Moffat, A.J., Sinnett, D., Burgess, S. and Smith, N. 2015. The future of green infrastructure; Chapter 24. In: : D. Sinnett, N. Smith and S.Burgess (eds). *Handbook on Green Infrastructure: Planning, design and implementation*, Edward Elgar Publishing Ltd, Cheltenham, pp. 445-464.

Smith, S.E., Duru, U.E., Al-Tabbaa, A., De Munck, C., Moffat, A.J., Hutchings, T., Ridal, J., Garvin, S., Raco, M., Doak, J. and Dixon, T. 2007. Impact of and response to climate change in UK brownfield remediation. In: *International Conference on Climate Change*, 29-31 May 2007, Hong Kong. <http://www.hkccf.org/download/iccc2007/30May/S4C/S%20SMITH/Impact%20of%20and%20Response%20to%20Climate%20Change%20in%20UK%20Brownfield%20Remediation.pdf>

van Herwijnen, R., Ouki, S.K., Gadepalle, V.P., Hutchings, T.R., Al-Tabbaa, A., Moffat, A.J. and Johns, M.L. 2007. Mineral enriched composts for the remediation of heavy metal contaminated sites. In: *Proceedings of the 22nd Annual International Conference on soils, Sediments and Water*. UMASS, p.95.

Ouki, S., van Herwijnen, R., Harbottle, M., Hutchings, T., Al-Tabbaa, A., Johns, M. and Moffat, A. 2007. Novel special-purpose composts for sustainable remediation. In: *Sustainable Brownfield Regeneration. Liveable places from problem spaces*. Eds T. Dixon, M. Raco, P. Catney and D.N. Lerner). Blackwells, Oxford, pp. 177-202.

Moffat, A.J. and Hutchings, T.R. 2007. Greening brownfield land. In: *Sustainable Brownfield Regeneration. Liveable places from problem spaces*. Eds T. Dixon, M. Raco, P. Catney and D.N. Lerner). Blackwells, Oxford, pp. 143-176.

Sellers, G., Hutchings, T.R. and Moffat, A.J. 2006. Learning from experience: creating sustainable urban greenspaces from brownfield sites. In: *Brownfields III. Prevention, assessment, rehabilitation and development of brownfield sites* (eds C.A. Brebbia and U. Mander), WIT Press, Southampton, 163-172.

Doick, K., Sellers, G., Hutchings, T.R. and Moffat, A.J. 2006. Brownfield sites turned green: realising sustainability in urban revival. In: *Brownfields III. Prevention, assessment, rehabilitation*

and development of brownfield sites (eds C.A. Brebbia and U. Mander), WIT Press, Southampton, 131-140.

Villella, J., Sellers, G., Moffat, A.J. and Hutchings, T.R. 2006. From contaminated site to premier urban greenspace: investigating the success of Thames Barrier Park, London. In: *Brownfields III. Prevention, assessment, rehabilitation and development of brownfield sites* (eds C.A. Brebbia and U. Mander), WIT Press, Southampton, 153-162.

van Herwijnen, R., Gadepalle, V.P., Hutchings, T.R., Al-Tabbaa, A., Moffat, A.J., Johns, M.L. and Ouki, S.K. 2006. How to remediate heavy metals contaminated sites with amended composts. *Proceedings of the SUBR:IM Conference 'Overcoming the barriers to brownfield regeneration'*, Imperial College, March 29th 2006, CL:AIRE, London.

Moffat, A.J. and Hutchings, T.R. 2005. Greening of Brownfield Land. *Proceedings of the SUBR:IM – Sustainable Urban Brownfield Regeneration: Integrated Management 1st Public Conference* 1st March 2005, Natural History Museum, London. CL:AIRE, London.

Moffat, A.J. 2004. Silviculture: reclamation of mining lands. In: Burley, J., Evans, J. and Youngqvist, J. (eds), *Encyclopedia of Forest Sciences*. Academic Press, London, 1078-1085.

Moffat, A.J. 2001. Increasing woodland in urban areas in the UK – meeting ecological and environmental standards. In: *Forests in a Changing Landscape. Proceedings of the 16th Commonwealth Forestry Conference*, Fremantle, WA, 18-25th April 2001, 195-204. Promaco Conventions Pty Ltd, Canning Bridge, WA.

McRae, S.G., Bending, N.A.D. and Moffat, A.J. 2001. Land reclamation in the UK using spoils and wastes from mines and quarries as soil-forming materials. In: *Proceedings of the 25th Annual Canadian Land Reclamation Association and the 4th Annual International Affiliation of Land Reclamationists Meetings*, September 17-20, 2000, Edmonton, Alberta, CD.

Nortcliff, S., Bardos, P., French, C., Lewis, A. and Moffat, A.J. 2000. The potential for the remediation of contaminated land using biomass production and organic waste recycling. In: *Contaminated Soil 2000*. Proc 7th Intern FZK/TNO Conf on Contaminated Soil 18-22 September 2000, Leipzig, Germany, 1097-1098.

Bending, N.A.D. and Moffat, A.J. 2000. Wood residues used to amend coal minespoils for forest reclamation in Wales. In: Henry, C.L., Harrison, R.B. and Bastian, R.K. (eds), *The Forest Alternative. Principles and practice of residuals use*, College of Forest Resources, University of Washington, 225-229.

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McRae, S.G., Bending, N.A.D. and Moffat, A.J. 1998. The use of spoils and wastes from mines and quarries in land reclamation in the UK. *16th World Congress of Soil Science*, Montpellier, France, 20-26 August 1998. Summaries Vol. I, p. 395.

Dobson, M.C. and Moffat, A.J. 1996. Restoring landfill sites for woodland establishment and use of research information Note 263. In: *Establishment of woodland on landfill*. Seminar Proceedings. Mersey Forest, 10-17.

Bending, N.A.D., Moffat, A.J. and Roberts, C.J. 1991. Site factors affecting tree response on restored opencast ground in the South Wales Coalfield. In: Davies, M.C.R. (ed.) *Land reclamation. An end to dereliction?*, Elsevier, London, 347-356.

Moffat, A.J., Bending, N.A.D. and Roberts, C.J. 1991. The use of sewage sludge as a fertiliser in the afforestation of opencast coal spoils in South Wales. In: Davies, M.C.R. (ed.) *Land reclamation. An end to dereliction?*, Elsevier, London, 347-356.

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Moffat, A.J. 1987. The geological input to the reclamation process in forestry. In: Culshaw, M.G., Bell, F.G., Cripps, J.C., and O'Hara, M. (eds) *Planning and Engineering Geology. Geological Society Engineering Geology Special Publication 4*, 541-548.

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