

CURRICULUM VITAE

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Key Qualifications

BA *Natural Sciences (Botany)*, University of Cambridge, 1988. First Class.
MSc *Forestry and its Relation to Land Use* University of Oxford, 1990. Top 20%.
PhD *Tree-cultivation in upland livelihoods in the Philippines: implications for biodiversity conservation and forest policy*, University of Reading 1999.
Passed without corrections.

Other: Royal Horticultural Society Level 2 Certificate in Horticulture.

Summary of international experience

I have worked in 23 countries and four continents including

Latin America: Bolivia (2 years 5 months), Brazil (2 months), Honduras, Costa Rica, Mexico, Ecuador, Colombia, Peru

South Asia: India (1 year); Bangladesh (2 months); Nepal (3 months); Bhutan; Pakistan

SE Asia: Philippines (9 months); Laos (2 months);

Africa Ghana; Cameroon

Europe: Romania (2.5 months); Poland; Netherlands; Slovakia

Languages

English mother tongue
Spanish fluent conversational and written
Portuguese good reading, moderate conversational skills
German lapsed, formerly good
Romanian basic

CURRENT POSTION

**Honorary Professor of Human Dimensions of Forestry, Scottish School of Forestry,
University of the Highlands and Islands, Scotland, UK** From May 2015

Self-employed consultant and director of Random Forest Research Ltd.

Current projects and roles include:

- Lead contractor, project evaluation of 'Making Local Woods Work' – a project supporting 50 pilot projects to start social enterprise in woodlands in the UK
- Forestry Commission Scotland committee member: Community Asset Transfer Scheme – as part of the committee assessing applications from community groups to buy public assets

- UNECE: consultancy on “Social Aspects of Green Economy –Study Paper on Forest Sector Workforce” for United Nations Economic Commission for Europe
- Vice Chair, COST Action FP1201 Forest Land Ownership Changes in Europe: Significance for Management And Policy (FACESMAP)
- Domain Expert for forest governance: SIMWOOD Sustainable Innovative Mobilisation of Wood. EU FP7 Project No. 613762. Follow-up consultancy: ‘Evidence review on factors affecting mobilisation of wood’
- Regular invited presenter on BBC Radio 4’s Home Planet (2002-2011)

Teaching positions and experience include:

- Guest Professor BOKU: module on ‘Participation revisited: citizen science, community research and change’ delivered to students from across bachelor, masters and PhD, and range of departments April 2017
- Supervisor of eight DPhil / PhD students, 14 MSc dissertations
- MSc ‘Environmental Change and Management’, Environmental Change Institute, University of Oxford: module on ‘Public participation and local environmental governance’ and lectures on social research methodology (since 2001).
- MSc Biodiversity Conservation and Policy, and MSc Nature Society and Environment Policy, University of Oxford: modules on ‘Participatory environmental management’ and ‘Environmental Governance’
- MSc ‘Mountain Forestry’ University of Agricultural Sciences (BOKU) Vienna, Austria. Guest professor for ‘Participatory Methods and Tools for Mountain Forestry Applications’ and ‘Social Issues of Mountain Forestry’ 2002
- MSc ‘Forestry and its Relation to Land Use’, Oxford Forestry Institute, University of Oxford: lecture course on ‘Local knowledge and participatory development’ (1999-2002).
- External examiner of four forestry / conservation related PhDs: Edinburgh University (2), Helsinki (1), SLU Sweden (1), Melbourne (1)

Professional commitments and achievements:

- Member, Institute of Chartered Foresters; and Board Member, Educational & Scientific Trust
- Visiting Scientist, University of Padua, Italy; Sep-Oct 2015
- Visiting Professor in the Forest and Nature Conservation Policy Group, University of Wageningen, Netherlands.
- Editorial Board member: *Citizen Science: Theory and Practice*
- Awarded James Martin Fellowship in Forest Governance, Oxford University, 2007
- Annual Distinguished Ethnobotanist lecture, Royal Botanic Gardens, Kew, UK, 24 October 2006
- Member, Royal Scottish Forestry Society, and member of Editorial Board, *Scottish Forestry*, from December 2014
- Member of editorial advisory board, Forest Information (CAB International), 2007-10
- Completed the Forestry Commission Management Development Programme Level 3 (senior management) 2011-13

Current voluntary roles

- Steering group member: lead on seed collection and coordination, Carrifran Wildwood – a pioneering community-led rewilding project in the Scottish Borders
- Director, Community Woodland Association: member of the Board of Directors for this NGO which supports community forestry in Scotland.
- As member of my local Community Development Trust, I sit on the steering group for development of a community woodfuel cooperative
- Voluntary recorder: bird records for BTO – Atlas of Breeding Birds; Plantlife International – Wildflowers Count

PREVIOUS EMPLOYMENT

Forestry Commission

September 2007 – March 2015 **Head, Social and Economic Research**, Forest Research.

Purpose: To lead, develop and coordinate social and economic research at Forest Research, the research institute of the UK Government's Forestry Commission; to maintain and enhance its contribution to the implementation of Scottish, English and Welsh forest policy, and to sustainable forest management more widely.

Situated within the research agency of the UK's national Forestry Commission, I lead a research team which aims to understand the relevant stakeholders and processes to ensure a sustainable relationship between society and woodlands. I have developed a coherent internal structure based on three broad interrelated themes, which encompass increasing levels of complexity:

- Individual well-being
- Community and society
- Governance

I have also led on building connections with other disciplines and teams in Forest Research, with the three government forestry departments, and with the wider forestry sector.

Internal roles:

- Organisational lead for quality assurance on social research, and for wider integration of social research across the organisation.
- Organisational lead on Forest Governance.
- Management of team of 10-15 social scientists, economists and statisticians.
- Management of budget of up to £1 million per year, of which 60% externally sourced.
- Change management and adaption through changing government policies, dynamic response to changing staff and budget levels.
- Lead researcher on numerous internal and collaborative studies: see publications list.

University of Oxford

Nov 2001-Dec 2007 **Senior Research Fellow and Programme Leader** Human Ecology, Environmental Change Institute, University of Oxford

January 2000 – Oct 2001 **Senior Research Associate**

Centre for Natural Resources and Development, Green College, University of Oxford

In this role I was **principal investigator** on the following grant-funded projects:

- *Community forests and small-scale forestry in Romania*. Funded by British Academy; August 2004-June 2006.
- *Sustainable management of medicinal plants in community forests, India and Nepal* (funded by DFID Forestry Research Programme; June 2003-June 2005)
- *Participatory forest management for herbal medicinal production in Peru*. Funded by Darwin Initiative (DEFRA); June 2004-March 2007.
- *Youth participation in protected area management in Rodna Mountains, Romania*. Funded by Darwin Initiative (DEFRA); May 2005-March 2008.
- *Developing a methodology for biodiversity guides suitable for use in rural development* (funded by DFID Forestry Research Programme; collaboration with Brazil and Bolivia; April 1999 – Sep 2002)
- *BioWatch UK: Participatory biodiversity assessment in the UK: building environmental governance*. (funded by Oxford University's Research Development Fund; April – September 2003)
- *Volunteers, natural history and participatory environmental governance in the Netherlands*. UK-Netherlands Partnership Programme in Science. Funded by British Council / Netherlands Science Council (NWO); Oct 2004-March 2005.
- *Sustaining environmental governance: a critical assessment of participatory planning tools, processes and impacts in rural landscapes*. Networking award. Funded by ESRC / NERC Rural Economy and Land Use Programme; May – Sep 2004.
- *Innovative decision making for sustainable management of water in developing countries*. EU Sixth Framework / INCO (International Cooperation) Programme; Jan 2005-Dec 2007.
- *Participatory biodiversity monitoring and evaluation*. Internet conference and policy seminar hosted at DFID offices, London; editing book of case studies. Funded by European Tropical Forest Research Network; DFID Forestry Research Programme; Tropenbos International. Nov 2001 – March 2003.

Co-researcher (institutional lead) on:

- *Engaging with Rivers in a Time of Uncertainty*. Funded by ESRC Sustainable Communities programme, collaboration led by Sheffield University. Contract in process of approval.
- *Capacity Building for Managing Eastern European High Conservation Value Forest, Romania*. Funded by Darwin Initiative, collaboration with Buckinghamshire Chilterns University College. From August 2005.
- *Development and promotion of improved methods for identification, assessment and evaluation of biodiversity for tropical mountain environments* (funded by DFID Environmental Research Programme; collaboration with University of Wales, Bangor / Mount Cameroon Project, Limbe, Cameroon; April 1998 – March 2001).

- *An Integrated Approach to Assessing, Conserving, and Managing Amazon Forest Biodiversity* (funded by DFID Environmental Research Programme; collaboration with University of Leeds, UK; and IIAP / UNSAAC, Peru; Jan – Dec 2000).
 - *Participatory impact monitoring of invasive species in farming systems of Ghana* (funded by Darwin Initiative, UK Dept of Environment; Oct 2000 – March 2002)
 - *Development of monitoring process and indicators for forest management, Nepal* (funded by DFID Natural Resources Systems Programme; collaboration with University of Reading and ForestAction, Nepal; Jan 2000 – March 2001).
 - *Incorporation of local knowledge into soil and water management interventions which minimise nutrient losses in the Middle Hills of Nepal* (funded by DFID Natural Resources Systems Programme; collaboration with University of Wales, Bangor and LIBIRD, Nepal; October 1999 – Sep 2002)
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August 1994 – December 1999 **Research Fellow** then **Senior Research Fellow**,
Agricultural Extension and Rural Development Department (AERDD), University of
Reading, UK

I completed my PhD part-time (1996-9), while working full time as:

Research officer:

- *Implications of environmental and sustainability issues for the organisation and practice of agricultural extension* (funded by ODA Natural Resources Policy Research Programme; collaborative research with four universities in Philippines, South India and Bangladesh; August 1994 to July 1996).

Principal investigator on the following completed research projects:

- *Participatory improvement of soil and water conservation practices in hillside production systems in the Andean Valleys of Bolivia* (funded by DFID NRSP Hillside Production System; April 1996 – December 1999)
- *Survey of researchable constraints in joint forest management* (commissioned and funded by DFID Forestry Research Programme; collaboration with Bolivia, Brazil, Tanzania, India, Nepal, Philippines; January – August 1999)
- *Agroforestry manual using native species, Vallegrande, Bolivia* (funded by Darwin Initiative, Department of the Environment, UK; April 1997 - March 1999)
- *Strengthening biodiversity capacity in the forestry curriculum, Visayas, Philippines* (funded by Darwin Initiative, Department of the Environment, UK; October 1996 - March 1999)

Specialist in participatory methodologies (collaborations with Institute of Aquaculture, University of Stirling, funded by the DFID Aquaculture Programme):

- *Addressing technical, social and economic constraints to rice-fish culture in Laos, emphasising women's involvement* (October 1996 – March 1999)
 - *Integration of aquaculture into the farming systems in the eastern plateau of India* (March – April 1998)
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July - August 1994 **Research Associate**, Rural Development Forestry Network, Overseas Development Institute (ODI)

Conducted a case study on new approaches to survey and inventory methods being implemented in Ecuador, with supplementary studies in Costa Rica and Bolivia, commissioned as part of a Study Guide in preparation by the Network. Funded by ODA Forestry Research Programme.

May to June 1994 **Research Associate**, Rural Development Forestry Network, Overseas Development Institute (ODI)

Conducted a case study on sustainable communal forest management in Quintana Roo, Mexico, commissioned as part of the same Study Guide.

September 1992 to March 1994 **Scientific Officer**, *Inga* Project, Royal Botanic Gardens Kew

Responsible for agroforestry component of ODA-funded research project on *Inga*, a large genus of trees used widely by Latin-American farmers. This included a survey of farmer utilisation and knowledge of *Inga* in Central America; collaboration with NGOs and farmers in Honduras and Costa Rica to adapt *Inga* use; coordination and management of network of agroforestry trials in six countries in Central and South America; collection of ethnobotanical information and specimens in Central America and Bolivia; management and analysis of data at Kew; publication of results. Funded by ODA Forestry Research Programme.

Coordinated the preparation of a guide to native tree species of Bolivia for agroforestry, in collaboration with Santa Cruz University and ODA British Tropical Agricultural Mission, subsequently published with Royal Botanic Gardens Kew. Funded by ODA Forestry Research Programme

October 1990 - August 1992 **Associate Professional Officer**, British Tropical Agricultural Mission, Santa Cruz, Bolivia

In an agroforestry team within a multidisciplinary ODA technical cooperation programme, which had the aim of reducing pressure on lowland forest, by collaborating with NGOs and farmers to develop sustainable alternatives to slash and burn agriculture.

Specific responsibility for development of a decentralised nursery programme, including:

- regular support / training visits to remote small-scale farming communities
- coordination with NGOs and universities to strengthen agroforestry extension and use of native tree species

- Keynote speech, IUFRO conference on 'Mountain Forests in a Changing World: Advances in Research on Sustainable Management.' 2008, BOKU, Vienna, Austria.
- Annual Distinguished Ethnobotanist lecture, Royal Botanic Gardens, Kew, UK, 24 October 2006
- Invited expert, German Federal Agency for Nature Conservation Workshop on 'Assessing the Sustainable Yield in Medicinal Plant Collection' International Academy for Nature Conservation, Germany, 2006
- "Current issues in collaborative forestry and participatory research", invited policy seminar, Department of Forests and the Environment, Government of Bhutan, 2006
- "Forest Governance and Culture: Adapting community forestry lessons to the new situation in Central and Eastern Europe. Ministerial Council for the Protection of Forests in Europe, Warsaw, Poland, 2005
- "The effect of Romanian legal reforms on forestry culture and governance", Dutch Ministry for Nature Conservation, Ede, Netherlands. 2004

PUBLICATIONS – Anna Lawrence

Books:

1. Lawrence, A. (ed) (2010) Taking Stock of Nature: participatory biodiversity assessment for planning policy and practice. Cambridge University Press. ISBN 978-0-521-87681-0.
2. Lawrence, A, Giridhar Kinhal, Harisharan Luintel, Star Molteno, Sarah Gillett (2007) Participatory science for sustainable wild harvests - A methods handbook. Environmental Change Institute, University of Oxford. 213 pp. Available at: <http://www.eci.ox.ac.uk/research/humaneco/ntfp-handbook.php>
3. Lawrence A. and Hawthorne W. (2006) Plant identification: creating user-friendly field guides for biodiversity management. Earthscan, London. ISBN: 1 84407 079 4
4. Lawrence A. (2000) (ed) *Forestry, forest users and research: new ways of learning*. ETFRN, Wageningen, Netherlands / ANN-ETFRN, Vienna, Austria. ISBN 3-9501392-0-6.

Peer-reviewed papers:

5. Turnout, E., A. Lawrence and S. Turnhout (2016) Citizen science networks in natural history and the collective validation of biodiversity data. *Conservation Biology*.
6. Jagt, Alexander van der, Bianca Ambrose-Oji and Anna Lawrence (2015) Wildlife and conservation in community woods: Business as usual?. *Ecos* 36(1):36-43.
7. Ambrose-Oji B.A., A. Lawrence and A. Stewart (2015) Community based forest enterprises in Britain: Two organising typologies. *Forest Policy and Economics*. [10.1016/j.forpol.2014.11.005](https://doi.org/10.1016/j.forpol.2014.11.005)
8. Lawrence A., and Ambrose-Oji B.A. (2014) Beauty, friends, power, money: navigating the impacts of community woodlands. *Geographical Journal*. [on-line doi: 10.1111/geoj.12094]
9. Lambrick, F. H., Brown, N. D., Lawrence, A., Bebber, D. P. (2014). An Ecological Assessment of Community Forestry in Prey Lang Forest, Cambodia: Is community forestry in Cambodia effective? *Conservation Biology*. [published on-line 9 January 2014. DOI: 10.1111/cobi.12217]
10. Buizer M and Lawrence A. (2014) The politics of numbers in forest and climate change policies in Australia and the UK. *Environmental Science and Policy*. 35: 57-66.
11. Lawrence A. and N. Dandy (2014) Private landowners' approaches to planting and managing forests in the UK: what's the evidence? *Land Use Policy* 36: 351-360.
12. Valls-Donderis, Pablo, Duncan Ray, Andrew Peace, Amy Stewart, Anna Lawrence, Francisco Galiana. (2013) Participatory development of decision tools: what features of the process lead to better outcomes? *Scandinavian Journal of Forest Research*. DOI: 10.1080/02827581.2013.837950
13. Stewart, A., D. Edwards and A. Lawrence. (2013). Improving the Science-Policy-Practice Interface: Decision Support System Uptake and Use in the Forestry Sector in Great Britain. *Scandinavian Journal of Forest Research*. [published on-line DOI: 10.1080/02827581.2013.849358]
14. Lawrence., A and M. Marzano (2013) Is the private forest sector adapting to climate change? A study of forest managers in north Wales. *Annals of Forest Science*. Published on line: DOI 10.1007/s13595-013-0326-4
15. Lawrence, A., Rik De Vreese, Mark Johnston, Cecil C. Konijnendijk and Giovanni Sanesi (2013) Urban forest governance: Towards a framework for comparing approaches. *Urban Forestry and Urban Greening*. 12: 464-473
16. Taylor, Donna L., Andrew Ramsey, Ian Convery, Anna Lawrence and Andrew Weatherall (2013) The impacts of commercial woodland management on woodland butterfly

- biodiversity in Morecambe Bay, UK. *Conservation Evidence* 10: 10-15. [online: <http://www.conservationevidence.com/reference/download/4022>]
17. Buijs, A. and Lawrence, A. (2013) Emotional conflicts in rational forestry: Towards a research agenda for understanding emotions in environmental conflicts, *Forest Policy and Economics* <http://dx.doi.org/10.1016/j.forpol.2012.09.002>
 18. Lawrence A and Stewart A (2011) Sustainable forestry decisions: on the interface between technology and participation. *Mathematical and Computational Forestry and Natural Resource Sciences* 3(1): 42-52. Open access. Available at: <http://mcfns.com/index.php/Journal/index>
 19. Morris, J., O'Brien, L., Ambrose-Oji, B.A., Lawrence, A., Carter, C. and Peace A. (2011) Access for all? Barriers to accessing woodlands and forests in Britain. *Local Environment* 16 (4), pp. 375-376
 20. Buffum B., Lawrence A., Temphel K J. (2010) Equity in Community Forests in Bhutan. *International Forestry Review* 12(3): 187-199
 21. Petrokofsky, G., Brown, N.D., Hemery, G.E., Woodward, S., Wilson, E., Weatherall, A., Stokes, V., Smithers, R.J., Sangster, M., Russell, K., Pullin, A.S., Price, C., Morecroft, M., Malins, M., Lawrence, A., Kirby, K.J., Godbold, D., Charman, E., Boshier, D., Bosbeer, S., Arnold, J.E.M. (2010) A participatory process for identifying and prioritizing policy-relevant research questions in natural resource management: A case study from the UK forestry sector. *Forestry* 84 (4): 357-367.
 22. Selman, P., C. Carter, A. Lawrence and C. Morgan. 2010. Re-connecting with a Recovering River through Imaginative Engagement. *Ecology and Society* 15 (3): 18. [online] URL: <http://www.ecologyandsociety.org/vol15/iss3/art18/>
 23. Menton, M.C.S., Anna Lawrence; Frank Merry; Nick D Brown (2010) Estimating natural resource harvests: conjectures? *Ecological Economics*. 69:1330-1335
 24. Lawrence, A. and Turnhout, E. (2010) Personal meaning in the public sphere: the standardisation and rationalisation of biodiversity data in the UK and the Netherlands. *Journal of Rural Studies*. 26: 353-360.
 25. Lawrence, A., S. Molteno and T. Butterworth (2009) Community wildlife sites in Oxfordshire: new ecological and social meanings. *International Journal of the Commons* 4: 122-141. <https://www.thecommonsjournal.org/articles/10.18352/ijc.160/>
 26. Lawrence, A., B. Anglezarke, B. Frost, P. Nolan, R. Owens (2009) What does community forestry mean in a devolved Great Britain? *International Forestry Review*. 11 (2): 281-297
 27. Lawrence A. (2009) The first cuckoo in winter: British phenology recording, credibility and meaning. *Global Environmental Change*. 19: 173-179.
 28. Lawrence A. (2009) Forestry in transition: imperial legacy and negotiated expertise in Romania and Poland. *Forest Policy and Economics*. 11: 429-436
 29. Menton, M. C.S., F. D. Merry, A. Lawrence and N. Brown 2009. Company-community logging contracts in Amazonian settlements: impacts on livelihoods and NTFP harvests. *Ecology and Society* 14(10): on line at <http://www.ecologyandsociety.org/vol14/iss1/art39/>
 30. King, Lucy E., Anna Lawrence, Iain Douglas-Hamilton, Fritz Vollrath (2009) Beehive Fence Deters Crop-raiding Elephants. *African Journal of Ecology*. 47 (2): 131-137.
 31. Lawrence A. 2008. Experiences with participatory conservation in post-socialist Europe. *International Journal of Biodiversity Science and Management* 4 (2008) 179–186.
 32. Szabo, E. Alina, Anna Lawrence, Claudiu Iusan and Susan Canney (2008) Participatory protected area management – A case study from Rodna Mountains National Park, Romania. *International Journal of Biodiversity Science and Management* 4 (2008) 187–199
 33. Turnock, D. and Anna Lawrence. 2007. Romania's forests under transition: changing priorities in management, conservation and ownership. *Geographica Timisiensis* 16 (1): 5-28.

34. Lawrence, A. 2007. Beyond the second generation: towards adaptiveness in participatory forest management. *CABI Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources* 2 (28): 1-15.
35. Lawrence, A., Paudel, K., Barnes, R. and Y. Malla. 2006. Adaptive value of participatory biodiversity monitoring in community forestry, Nepal. *Environmental Conservation*. 33 (4): 325-334.
36. Lawrence, A. (2006) "No personal motive?" Volunteers, biodiversity and the false dichotomies of participation. *Ethics, Place and Environment* 9 (3): 279-298.
37. Lawrence, A., Phillips, O., Reategui, A., Lopez, M., Rose, S., Wood, D. and José, A. 2005. Local values for harvested forest plants in Madre de Dios, Peru: towards a more contextualised interpretation of quantitative ethnobotanical data. *Biodiversity and Conservation* 14: 45-79
38. Lawrence A. and Szabo A. (2005) Ethics and culture in the forestry profession: emergent changes in post-communist Romania. *Silva Carelica: special issue on Forest Ethics*. 49: 303-314.
39. Sheil, D. & Lawrence, A. (2004) Tropical biologists, local people and conservation: new opportunities for collaboration. *Trends in Ecology and Evolution*, 19: 634-638.
40. Lawrence, A. (2003). "No forest without timber?" *International Forestry Review* 5(2): 3-10.
41. Lawrence, A., B. Ambrose-Oji, R. Lysinge, and C. Tako. 2000. Exploring local values for forest biodiversity on Mount Cameroon. *Mountain Research & Development* 20(2):112-115.
42. Felsing M., Haylor G., Lawrence A. and Norrish P. (2000) Reaching rural poor – developing a strategy for the promotion and dissemination of participatory aquaculture research: A case study from Eastern India. *Journal of Extension Systems* 16: 82-106.
43. Lawrence A. (1999) Going with the flow or an uphill struggle? Directions for participatory research in hillside environments. *Mountain Research and Development* 19 (3): 203-212.
44. Carter J., Stockdale M., Sanchez-Roman F. and Lawrence A. (1995) Local people's participation in forest resource assessment: an analysis of recent experience, with case studies from Indonesia and Mexico. *Commonwealth Forestry Review* 74 (4): 333-342, 386, 388

Papers in review:

45. Lawrence, A., and S. Molteno. (in review) The poplar choice: values and rationality in local biodiversity action plans *Environment and Planning A*.
46. Morris, J. and Lawrence, A. (in review) Public agencies and organisational learning: the role of evaluation in social forestry. Submitted to *Journal of Environmental Policy and Management*.

Peer-reviewed book chapters:

47. Lawrence A., A.P.N. van der Jagt, B.A. Ambrose-Oji and A. Stewart (2015) Local Authorities in Scotland: A Catalyst for Community Engagement in Urban Forests? In: Johnston, M. [editor] *Proceedings of Trees People and the Built Environment* II 2-4 April 2014. [in press]
48. Lawrence A. (2013) Forest Commons Old and New: an Introduction to Community Woodlands in Great Britain. *Forest Commons – Role Model for Sustainable Local Governance and Forest Management*. Proceedings of the International Workshop Burbach, Germany October 9-11, 2011. Booklet 22 of the State Forestry Administration series, North Rhine-Westphalia, pp. 23-29.
49. Lawrence, A., and S. Molteno. 2012. "From rationalism to reflexivity? Reflections on change in the UK Biodiversity Action Plan." In *Reflexive governance for global public*

- goods. Edited by E. Brousseau, T. Dedeurwaerdere, and B. Siebenhüner, pp. 283-298. Cambridge, Massachusetts: MIT Press.
50. Dandy, N., M. Marzano, D. Moseley, A. Stewart, and A. Lawrence. 2012. "Exploring the role of street trees in the improvement and expansion of green networks" In: *Trees, people and the built environment. Proceedings of the Urban Trees Research Conference 13-14 April 2011*. Edited by M. Johnston and G. Percival, pp. 73-83. Edinburgh: Forestry Commission.
 51. Lawrence, A., and N. Dandy. 2012. "Governance and the Urban Forest." In: *Trees, people and the built environment. Proceedings of the Urban Trees Research Conference 13-14 April 2011*. Edited by M. Johnston and G. Percival, pp. 143-158. Edinburgh: Forestry Commission.
 52. Lawrence, A. (2010) *Introduction: learning from experiences of participatory biodiversity assessment*. In: Lawrence, A. (ed.) *Taking Stock of Nature: participatory biodiversity assessment for planning policy and practice*, pp. 1-29. Cambridge University Press.
 53. Lawrence, A. (2010) *The personal and political of volunteers' data: towards a national biodiversity database for the UK*. In: Lawrence, A. (ed.) *Taking Stock of Nature: participatory biodiversity assessment for planning policy and practice*, pp. 251-265. Cambridge University Press.
 54. Lawrence A. and Gillett S. (2004) Collaborative forest management. In: Burley J., Evans J. and Youngquist J. (eds) *Encyclopaedia of Forest Sciences*, pp. 1143-1157. Elsevier, Oxford.
 55. Lawrence A. (2004) Social values. In: Burley J., Evans J. and Youngquist J. (eds) *Encyclopaedia of Forest Sciences*, pp. 1126-1131. Elsevier, Oxford.
 56. Lawrence A. (2003) Participatory ecological monitoring in protected areas. In: Jaireth H. and Smyth D. (eds) *Innovative Governance: Indigenous Peoples, Local Communities and Protected Areas*, pp. 249-267. IUCN. Ane Books, New Delhi.
 57. Lawrence A. and van Rijsoort, J. (2003) A practical guide to participatory biodiversity assessment. In UNEP (ed) *Biodiversity Assessment: a methods manual for practitioners*. UNEP / World Conservation Monitoring Centre.
 58. McDonald M., A. Lawrence and P. Shrestha. (2003) *Soil erosion*. In: Schroth G. and Sinclair F.L. (eds) *Trees, Crops and Soil Fertility*, pp. 325-344. CAB International.
 59. Lawrence A. (2001) *Creating New Knowledge for Soil and Water Conservation in Bolivia*. In: R. Jeffery and B. Vira (eds.) *Conflict and Cooperation in Participatory Natural Resource Management*, pp. 171-188. Palgrave, London.
 60. Lawrence A. and Green K. (2000) Research and participatory forest management: comparing the priorities of resource users and development professionals. Pp. 63-70 in: Lawrence A.(ed) *Forestry, forest users and research: new ways of learning*. ETFRN, Wageningen, Netherlands / ANN-ETFRN, Vienna, Austria. ISBN 3-9501392-0-6.
 61. Lawrence A., Haylor G., Barahona C. and Meusch E. (2000) *Adapting participatory methods to meet different stakeholder needs: farmers' experiments in Bolivia and Laos*. Pp. 50-67 in Estrella M., J. Blauert, D. Campilan, J. Gaventa, Julian Gonsalves, Irene Guijt, Deb Johnson and Roger Ricafort (eds) *Learning from Change: Issues and Challenges in Participatory Monitoring and Evaluation*. Intermediate Technology Publications, London. ISBN 1 85339 469 6
 62. Lawrence A and Godoy M (1996) Participatory forest inventory in the Awá Sustainable Forest Management Project, Ecuador. In: Carter J (ed) *Recent approaches to participatory forest resource assessment*, pp. 56-82. Rural Development Forestry Study Guide 2, ODI, London. ISBN 0 85003 232 6.
 63. Lawrence A and Sánchez R., F (1996) The role of inventory in the communally managed forests of Quintana Roo, Mexico. In: Carter J (ed) *Recent approaches to participatory forest resource assessment*, pp. 83-110. Rural Development Forestry Study Guide 2, ODI, London. ISBN 0 85003 232 6.

64. Lawrence A. and Carter E.J. (1994) The CIAT Agroforestry Nurseries Programme. Chapter 2 in: Shanks E. and Carter E.J. (eds) Organisation of small-scale nurseries: case studies from Asia, Africa and Latin America, pp 9-21. ODI, London.

Recent reports:

65. Živojinović, I., Lidestav, G., Feliciano, D., Hujala, T., Lawrence, A., Weiss, G. (2015) Concepts, methods and findings in forest ownership research in Europe. Mid-term Proceedings of the COST Action FP1201 Forest Land Ownership Changes in Europe: Significance for Management and Policy FACESMAP. EFICEEC-EFISEE Research Report. University of Natural Resources and Life Sciences, Vienna (BOKU), Vienna, Austria. 120 pages. [Online publication] ISBN 978-3-900932-30-5. Available at: <http://www.eficeec.efi.int/portal/news/?bid=2258>
66. Lawrence A., Ambrose-Oji B.A., O'Brien L. (2014) Current approaches to supporting and working with communities on the National Forest Estate: feedback from community organisations and FES delivery staff. A report to the Community Engagement Health-Check Steering Group.
67. Jagt, A. and Lawrence A. (2014) Trees and Woods in Scottish Towns: A scoping study. A report to Forestry Commission Scotland.
68. Lawrence A, Edwards D (2013) Prospects for new productive woodland in Scotland: insights from stakeholders. A report to Forestry Commission Scotland. Forest Research, Roslin.
69. Molteno S and Lawrence A (2013) Effectiveness of interventions to increase timber production. Output 1, Phase 4: Defra Project WC0815: Furthering the use of home-grown wood products. A report to the Department of Food and Rural Affairs.
70. Lawrence A. and M. Dudley (2012) International comparisons of forest policy: a rapid evidence review. A report by Forest Research on behalf of the Independent Panel on Forestry. Available at: <http://www.forestryresearch.gov.uk/fr/INFD-86ED4Hhttp>
71. Lawrence, A. and S. Molteno (2012). Community forest governance: a rapid evidence review. A report by Forest Research on behalf of the Independent Panel on Forestry. Available at: <http://www.forestryresearch.gov.uk/fr/INFD-86ED4Hhttp>
72. Lawrence, A. and Jollands M. (2011) 'The future of the Public Forest Estate in England': analysis of responses to the curtailed Public Consultation January-February 2011. Final Report, May 2011. Forest Research. [<http://www.forestryresearch.gov.uk/fr/pfeanalysis>]

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