

Dr Gill Shepherd February 2024

Affiliations:

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In Brief

I have over 40 years of developing country experience, 36 spent on tropical forests. I did a Social Anthropology PhD at the London School of Economics on labour migration in coastal East Africa. I taught Anthropology in the Universities of Newfoundland, Sussex and Goldsmith's College London (part-time) between 1975 and 1985. I also worked part-time for Oxfam in the Sudan and Kenya, developing my interest in forests, agriculture and conservation in the process. After work with Social Development Advisers at DFID, I was recruited by ODI to establish the Institute's Forest Policy and Environment Programme, and Rural Development Forestry Network.

I specialize in interdisciplinary research, with special interests in local people's forest management and conservation; in managing the relationship between biological diversity and livelihoods; and in landscape approaches to the management of forests, agriculture and water. I have worked with the World Bank, the European Commission, the Convention on Biological Diversity, the UN Development Programme, the UN Environment Programme, the UN Forum on Forests, the UN Food and Agriculture Organisation and a variety of European bilateral agencies: DFID and DEFRA in the UK, Norway, Finland, The Netherlands Sweden, Germany, Denmark and Italy. I was one of the team helping Bob Geldof to spend the money raised by Band Aid in 1985 for Ethiopia and the Sahel. I won the Society of American Foresters' Award for Outstanding Contributions to Tropical Forestry in 1994, and was on the Board of CIFOR (The Center for International Forestry Research), from 1996-2002, chairing it for three years.

From 2007-2012 I worked as Poverty Theme Lead on IUCN's 'Livelihoods and Landscapes' Strategy, working in 23 countries in which a landscape approach to management for sustainable livelihoods and biodiversity conservation was developed. As forests were increasingly addressed through their contribution to Climate Change mitigation, I also worked with IUCN's 'Towards Pro-Poor REDD' (2009-2018) and 'REDD+ Benefit-Sharing Project' (2012-2016). These programmes sought to harmonise climate change action with sustainable livelihoods and Rights-Based approaches. Geographically I have most experience in Anglophone and Francophone Africa, from the Sahel to S. Africa, and in South and South-East Asia especially Nepal and India, Indonesia, Vietnam, Lao PDR, and Thailand. I have also worked in Latin America in Bolivia, Brazil, Peru, Guyana, Guatemala and Mexico.

Between May 2018 and March 2023 I led a series of climate change-related evaluations in Ethiopia, Guyana, the Republic of Congo, Mali and Niger. In 2022, for UK DEFRA, I led a team developing an analysis of key political, economic and technical issues in the Western Congo Basin, to help shape choices for its Biodiverse Landscapes Fund. Most recently, I have led an evaluation of GGGI support to Green Growth for the Government of Indonesia (May - October 2023).

Degrees

B.A. Oxon 1966(English Language and Literature)

PhD LSE London 1982 (Social Anthropology)

Current and previous academic positions/employment

2018 – 2024 Visiting Professor in Development Practice, Department of Social Anthropology, London School of Economics (honorary)

2008 – 2016 Visiting Senior Fellow, Department for International Development, London School of Economics (honorary)

2002- 2008 Senior Research Associate, Overseas Development Institute, London

1985-2002 Research Fellow (Professorial final salary) Forest Policy and Environment Group
Overseas Development Institute

1980-1985 Part-time lecturer in Anthropology, Goldsmith's College - University of London.

1976-1977 Temporary lecturer in Anthropology University of Sussex - Social Sciences

1975 -Temporary Lecturer in Anthropology, University of St John's, Newfoundland, Canada

Languages

Mother tongue: English.

Fluent to speak and read: French and Kiswahili.

Good conversational level: Colloquial Arabic and Italian.

Limited conversational level: Bahasa Indonesia, Spanish.

Recent and ongoing research and advisory work

2023 May to October Team Leader, *Evaluation of Government of Indonesia-Global Green Growth Institute Sustainable Landscapes Project phase 3* for LTS-NIRAS-International, Jakarta Office, Indonesia

2022-2023 Team Leader *Review of four Agricultural Research for Development Projects in Mali and Niger, and overview Lessons Learned document*. NORAD

2022 *Biodiverse Landscapes Fund, Western Congo Basin*. Part of the Pegasys-WCS-FSC-Rainforest Alliance team writing a bid to DEFRA UK for a 7-year contract working in this area.

2022 Shepherd G., Misbahou, M., and Doulton, H., '*Wood utilisation in the Moya Region of Anjouan, Comoro Islands: volume, value and implications for biodiversity*'. Critical Ecosystem Partnership Fund Report October 2019. Drafting methodology, questionnaires, and guiding research, on volumes of timber being abstracted from natural forest and planted on-farm trees, and destined for timber enterprises, ylang-ylang distilleries and boat construction, as well as domestic use for fuelwood. Analysis has led to the enhanced raising in nurseries of both indigenous species and agro-forestry species in high demand.

2021-2022, NIRAS-LTS International. Team Leader, *Final Evaluation of the Government of Indonesia-GGGI Green Growth Programme, Phase 2*.

2021 September, DAI, NIRAS-LTS International. Team Leader for the '*Landscape report, Western Congo Basin. Provision of a Political, Economic and Technical Analysis to support the UK Government DEFRA Biodiverse Landscapes Fund*'.

- 2021 LTS International and Mullion Group, *'Lessons learned from the Implementation of Monitoring, Reporting and Verification (MRV) Systems for REDD+'*. World Bank January 2021. Wrote chapter on Republic of Congo, contributed to chapter on Guyana.
- 2020 LTS International February – 2021 January. Team Leader for the *Mid Term Review of the Norway-Ethiopia RIP (REDD+ Investment Programme)*
- 2019 LTS International October – 2020 January. Team Leader, Mid Term Evaluation of NORWAY's support to Guyana for the development and implementation of an MRV (Monitoring, Reporting and Verification System).
- 2019 Forsyth T., and Shepherd G., *'Strengthening Landscape Governance: comparing the efficacy of diverse institutional frameworks under rapid change in Papua, Indonesia'* Proposal to and grant from the LSE STICERD Fund (Suntory and Toyota International Centres for Economics and Related Disciplines). Research to be carried out in 2021.
- 2019 May – August Member of Reference Group for UNDP/EFCCC in Addis Ababa Ethiopia. Overseeing and reviewing results from consultancies on *'Ground truthing and forest management plan preparation for plantation sites and rehabilitated degraded lands in nine project intervention districts'* and others.
- 2019 Campos, J., Katila, P., and Shepherd, G. *'Forests, inclusive and sustainable economic growth and employment – SDG 8 and Forests'*. Presentation and post-Forum Summary paper. United Nations Forum on Forests (UNFF) 14, New York, May 2019.
- 2018 May – October. Team Leader for the Mid Term Review of the Norway-Ethiopia programme *"Result Based Payments to the CRGE Facility – Partnership Agreement for REDD+"*.
- 2018 Farm Africa *'Flourishing Futures: enhancing the gender component'* Examining the role of women along the sunflower value chain, noting opportunities and constraints and suggesting potential role-expansion for older and younger women as well as the necessary support required. Also produced a *Manual on Focus Group Discussion methodology* for staff to help them to interview women about greater involvement in commercial sunflower production. Dar-es-Salaam, Tanzania.
- 2017 September and 2018 February. Dahari Ecosystem Management project in Anjouan, Comoro Islands to establish the collection of baseline data against which monitoring and evaluation criteria and activities can be developed. The project takes a landscape approach to enhancing rural livelihoods and environmental governance at the same time.
- 2017 Save the Children. Preparing for an International Writing Workshop in Calcutta, India, to capture lessons from SCF's urban disasters preparedness work; running the workshop with other workshop leaders; editing papers produced in the writing workshop and drafting a comparative findings paper.
- 2016-2017 USAID Nepal for WWF Nepal. Developing quantitative and qualitative data collection and analysis baseline tools to test the hypothesis that *'Alternative Livelihood projects are effective at reducing local threats to elements of biodiversity conservation'*. Report, *'Planning for Long-term impact in the Hariyo Ban Programme'*, USAID, Kathmandu Nepal, 2017.
- 2012-2016 IUCN. Leading fieldwork and methodology development for applied research on sub-national, jurisdictional approaches to the *'Pro-poor REDD+ Benefit-Sharing Project'* in Peru, Mexico, and Ghana. (Funded by BMU, Germany).
- 2014-2015 Inputs to the Final Evaluation of UNEP/GEF Access and Benefit Sharing (ABS) Portfolio: 25 countries, four regional projects and global project.
- 2013-2014 Critical Ecosystems Partnership Fund (CEPF). Part of the team writing the CEPF Profile for Guinea Forests, West Africa. (CEPF is a joint program of l'Agence Française de Développement, Conservation International, the European Union, the Global Environment Facility, the Government of Japan, the MacArthur Foundation and the World Bank).

- 2012 UNFF (United Nations Forum on Forests, New York). Part of a small team producing three Background Papers on *Forests and Economic Development* for UNFF 10, held in Istanbul in May 2013.
- 2010-2012 FAO. Devising a method whereby the FAO Forest Department's flagship product, the 5-yearly world-wide 'Forest Resource Assessment' could begin to collect data to give it country-by-country assessment of the value of forests to rural livelihoods, and levels of forest dependence.
- 2009-2018 IUCN 'Towards pro-Poor REDD' (Phase 1 2009-2013 and Phase 2 2014-2018). Leading fieldwork and methodology development for the project, which covered Cameroon, Ghana, Guatemala, Indonesia (Papua) Uganda' Funded by Danida.
- 2007 – 2012 Leader of the cross-cutting Poverty theme component in the DGIS Netherlands-funded programme of work with IUCN entitled '*Livelihoods and Landscapes*'. The programme delivered outputs and guidance on the integration of conservation and local livelihoods through landscape approaches in: Ghana and Liberia; Burkina Faso, Mali and Sudan; Cameroon, Congo Brazzaville and the CAR; Burundi DRC and Rwanda; Uganda, Tanzania and Mozambique; Cambodia, Lao PDR, Thailand, Vietnam, China; India and Indonesia; Brazil, Guatemala and El Salvador. Main tasks included:
- Responsibility for poverty-related fieldwork at many of the sites
 - Responsibility for running all the writing workshops at which Landscape Papers were produced on findings in these landscapes
 - Lead author of the Thematic Paper on '*Poverty and Landscape Approaches*'
 - Co-author for Thematic Papers on Tenure and on Research Methods.
- 2004-2007. PROFOR, the World Bank Programme on Forests. Advisory Committee member and author of '*The Forests and Poverty Toolkit*' to guide forestry officials and others in the data to collect to influence poverty planning at local and national level. The toolkit was developed and trialled initially in three different areas of Indonesian Papua, and then in Tanzania, Uganda, Cameroon, Madagascar and Ghana.
- 2003-2007 IUCN Switzerland. Thematic Leader on the Ecosystem Approach, Commission on Ecosystem Management, IUCN, Geneva. Managing, editing and co-writing case-studies in 5 countries (Indonesia, Panama, Northern Nigeria and Southern Niger, Republic of Congo, Vietnam) and writing Overview chapter for the Netherlands-funded multi-site project, *Promoting application of the Ecosystem Approach through IUCN's CEM*.
- 2002-2006 DFID Indonesia. *Forests, Poverty and Decentralisation in Indonesia, Adding Value, Sharpening Policy*. Research programme with DFID-Indonesia's forestry programme.

Publications

Most recent Journal articles, Working papers, Reports, Briefing papers (2015 - present)

- 2021 LTS International and Mullion Group, '*Lessons learned from the Implementation of Monitoring, Reporting and Verification (MRV) Systems for REDD+*'. World Bank January 2021. Wrote chapter on Republic of Congo, contributed to chapter on Guyana.
- 2021 Shepherd, G., Gole, T.W., Spilsbury, J., Lincoln, P., Betts, H. *Review of the REDD+ Investment Program, Ethiopia*. Final Report, NORAD January 2021.
- 2020 Shepherd, G, Warner, K., Hogarth, N. '*Forests and poverty: how has our understanding of the relationship been changed by experience?*' International Forestry Review Vol 22 (S1) pps 29-43.

- 2020 Shepherd, G., Vaccari, S., Neeff, T., Lincoln, P. *Guyana MRV Support – Mid Term Evaluation*. Final Report NORAD, January 2020
- 2019 Shepherd, G., Misbahou, M., Doulton, H. 'Wood utilisation in the Moya Region of Anjouan, Comoro Islands: volume, value and implications for biodiversity'. A report for the Critical Ecosystems Partnership Fund, 'Dahari' Mutsamudu, Anjouan, Comoro Islands
- 2019 Campos, J., Katila, P., and Shepherd, G. *'Forests, inclusive and sustainable economic growth and employment – SDG 8 and Forests'*. Paper for United Nations Forum on Forests (UNFF) 14. New York, USA.
- 2018 Dominique Endamana, Gill Shepherd, George Akwah Neba, Kenneth Angu Angu, Chia Ntumwel Bonito and Charlotte Eyong Ako (2018) *Rapid Assessment of the Value of Forest Income for People in Central Africa*, Journal of Sustainable Forestry, Taylor and Francis, DOI: 10.1080/10549811.2018.1549499.
- 2018 *'Mid-term Review of the Result Based Payment to the CRGE Facility – Ethiopia-Norway Partnership Agreement for REDD+'* Inception Report, June 2018, Main Report October 2018.
- 2018 *'Mise en Place d'un système de Suivi/Evaluation pour La Composante Socio-Economique de la Subvention Darwin'* NGO DAHARI, Anjouan, Comoro Islands, Juillet 2018
- 2018 *'Flourishing Futures Sunflower Project - Gender Analysis'* Agriculture Market Development Trust & Farm Africa. Dar-es-Salaam, Tanzania, February 2018
- 2018 *'Flourishing Futures Sunflower Project. A Manual to guide Focus Group discussions with women'* Agriculture Market Development Trust & Farm Africa. Dar-es-Salaam May 2018
- 2017 *'Comparative Overview and Workshop Report: C&A Urban Disaster Risk Reduction Programme Writer's and Learners' Workshop'* Kolkata India July 2017
- 2017 with Sola, P., Cerutti, P., Zhou, W., Dautier, D., Llyama, Miyuki., Shure, J., Chenevoy, A., Yila, Jummai., Dufe, Vanessa., Nasi, R., and Petrokovsky, G. *'The environmental, socio-economic, and health impacts of woodfuel value chains in Sub-Saharan Africa: a systematic map'* Environmental Evidence (2017) 6:4
- 2016 with Endamana, D., Angu, K.A., Akwah, G., and Ntumwel, B.C., *'Contribution of non-timber forest products to cash and non-cash income of remote forest communities in Central Africa'*. International Forestry Review Vol 18(3) pps 280-295
- 2016 with Doulton, H., Mohamed, M., Mohamed, B., and Maddison, N. *'Addressing forest degradation in a Small Island Developing State: a landscape approach in Comoros'* paper originally presented at World Forestry Congress, Durban. Unasylva 247/248. Vol 67, 2016 pps 30-38, FAO, Rome Italy.
- 2016 with IUCN Ghana and A Rocha Ghana, *'Opportunities for interventions around Mole National Park which both enhance livelihoods and promote REDD+ Agendas'*. IUCN: Accra, Ghana and Gland, Switzerland
- 2015 with Roe D., Booker, F., Day, M., Zhou, W., Allebone-Webb, s., Hill, N., Kumpel, N., Petrovsky, G., Redford K., Russell D., Sunderland, T., *'Are alternative livelihood projects effective at reducing local threats to specified elements of biodiversity and/or improving or maintaining the conservation status of those elements?'* Environmental Evidence (2015) 4:22.
- 2015 *'Pathways out of poverty and towards prosperity'*. Paper delivered at the First Annual FLARE (Forests and Livelihoods: Assessment, Research and Engagement) Network Conference. University of Michigan and World Bank, PROFOR. Musée de l'Homme, Paris, November-December 2015.
- 2015 with Cerutti, P., Wen, Z., Levang, P., Nasi, R., Petrovsky, G., Noordwijk et al., *'The socio-economic and environmental impacts of wood energy value chains in Sub-Saharan Africa : a systematic map protocol'* Environmental Evidence (2015)4 :12.
- 2015-16 with Endamana, D. *'REDD+ Field Issues for the villagers living around Mole National Park, Ghana'* IUCN: Accra, Ghana and Gland, Switzerland

- 2015 with Endamana, D., Angu, K.A., Akwah, G. *'The linkage between forest resources, the livelihoods of rural households and possible contributions to sustainable development goals in the developing countries of the Central African Region'*. Paper presented at the XIV World Forestry Congress. Durban, South Africa, September 2015.
- 2015 with Ludlow Paz, L. *'An enquiry into forest reliance and its implications for equitable REDD+ benefit-sharing in the Yucatan peninsula, Mexico'*. IUCN: Mexico City, Mexico and Gland Switzerland.
- 2015 Critical Ecosystem Partnership Fund (CEPF) *'Ecosystem Profile: Guinean Forests of West Africa Biodiversity Hotspot'* IUCN Cambridge, UK. (27 authors, 194 consultees in workshops and advisory groups)

Books

- 2012 with Cornelius Kazoora and Daniel Müller. *'Forests, livelihoods and poverty alleviation: the case of Uganda'*. FAO, Rome 2012.
- 2010 with Jill Blockhus *Poverty-Forests Linkages Toolkit*. PROFOR, Program on Forests, World Bank, Washington DC
- 2009 (Ed) with Ly Minh Dang. *The Application of the Ecosystem Approach to Wetlands in Vietnam*. Hanoi, IUCN Vietnam.
- 2008 *'The Ecosystem Approach: Learning from Experience'* Ecosystem Management Series: 5. International Union for Conservation of Nature and Natural Resources, Gland Switzerland.
- 2004 *'The Ecosystem Approach: Five Steps to Implementation'* Ecosystem Management Series: 3. International Union for Conservation of Nature and Natural Resources and Gill Shepherd, Gland Switzerland
- 1998 (Ed) with D. Brown, M. Richards and K. Schreckenber The EU Tropical Forestry Sourcebook. London, European Commission and ODI.
- 1994with M. Dove, M. Hobley and E. Wollenberg, *People, Forests and the State - and development interventions: a decennial review*. Ford Foundation, New York, USA.
- 1992 *Managing Africa's Tropical Dry Forests: A Review of Indigenous Methods*, Overseas Development Institute, London.
- 1992 *Forest Policy, Forest Politics* Gill Shepherd (ed) Overseas Development Institute, London.
- 1990 *Communal Management of Forests in the Semi-arid and Sub-humid Regions of Africa*. FAO, Rome.

Book chapters

- 2012 Meynell, P.J, Thien, N.H., Shepherd, G., Ni, D.V., Triet, T., van der Schans, M., Shulman, D., Thompson, J., Barzen, J. *'An Integrated Fire and Water Management Strategy using the Ecosystem Approach: Tram Chim National Park, Vietnam'* in *'Ecosystems and Water Resources Management in South Asia'*, eds Gunawardena, E. R. N., Gopal, B., and Kotagama, H. Routledge, India and UK, 2012.
- 2011 *'The local value of forests'* Ch 4 in *State of the World's Forests, 2011*. FAO, Rome.
- 2009 Overview *'The Application of the Ecosystem Approach to Wetlands in Vietnam'*. Hanoi, IUCN Vietnam.

2008 Overview 'The Ecosystem Approach: Learning from Experience' Ecosystem Management Series: 5. International Union for Conservation of Nature and Natural Resources, Gland Switzerland.

2008 with Martin Kayoi and Adrian Wells, 'Reconciling growth and social justice through an Ecosystem Approach', 'The Ecosystem Approach: Learning from Experience' Ecosystem Management Series: 5. International Union for Conservation of Nature and Natural Resources, Gland Switzerland.

2006 'Poverty and natural resource conflict in Indonesian Papua Case Study for World Bank Program on Forests, (PROFOR), Martin Kayoi, Adrian Wells and Gill Shepherd, August 2006.

2004 'Poverty and Forests: Sustaining Livelihoods in Integrated Conservation and Development'. In *Getting Biodiversity Projects to Work: Towards More Effective Conservation and Development*. New York: Columbia University Press. McShane, T.O. and M.P. Wells Eds.

1999 with Kate Schreckenberg. 'Pluralism in the formulation and implementation of European donor aid policies in tropical forestry'. pp 351-362 in *Pluralism, Sustainable Forestry and Rural Development*, Ed J. Anderson. Rome: FAO.

1998 'Europe: an overview'. Chapter 1 in *The EU Tropical Forestry Sourcebook*. Eds. G. Shepherd, D. Brown, M. Richards and K. Schreckenberg, London, European Commission and ODI.

1998 with Philippe Véron and Michèle Federspiel, 'Belgium'. Chapter 9 in *The EU Tropical Forestry Sourcebook*. Eds. G. Shepherd, D. Brown, M. Richards and K. Schreckenberg, London, European Commission and ODI.

1998 with Paul Kerkhof, 'Denmark'. Chapter 10 in *The EU Tropical Forestry Sourcebook*. Eds. G. Shepherd, D. Brown, M. Richards and K. Schreckenberg, London, European Commission and ODI.

1998 with Riitta Oksanen and Jyrki Salmi, 'Finland'. Chapter 12 in *The EU Tropical Forestry Sourcebook*. Eds. G. Shepherd, D. Brown, M. Richards and K. Schreckenberg, London, European Commission and ODI.

1998 with Paolo Navone, 'Italy'. Chapter 16 in *The EU Tropical Forestry Sourcebook*. Eds. G. Shepherd, D. Brown, M. Richards and K. Schreckenberg, London, European Commission and ODI.

1998 with Susie Hussey and James Gordon, 'The United Kingdom'. Chapter 21 in *The EU Tropical Forestry Sourcebook*. Eds. G. Shepherd, D. Brown, M. Richards and K. Schreckenberg, London, European Commission and ODI.

1996 'Local Systems of Resource Control and links to Policy' in *Making Forest Policy Work*, ed: S. Bass, Oxford Forestry Institute, Oxford.

1993 with E. Shanks and M. Hobley, 'Management of tropical and subtropical dry forests', in *The Earthscan Reader in Tropical Forestry*, ed. Simon Rietbergen, Earthscan Publications, Ltd, London.

1991 with E. Shanks and M. Hobley, 'National Experiences in Managing Tropical and Subtropical Dry Forests' in *Technical Workshop to Explore Options for Global Forestry Management. Bangkok 1991. Proceedings*. David Howlett & Caroline Sargent (eds), IIED, pp 70-112.

1990 'What is Participatory Forestry?' Published in *The Identification and Formulation of Participatory Forestry Projects*, eds. H. Granholm and J. Wasberg, FINNIDA, Helsinki, 1990.

1987 'Population and Health', in *World Resources 1987*, Chapter 2, pp 7-24, eds. International Institute for Environment and Development & World Resources Institute, Basic Books, New York.

Journal articles, Working papers, Briefing papers to 2014

- 2014 'Understanding the implications of forest dependence for planning REDD+ Benefit-sharing: a case study from the Shampuyacu native community of the San Martin Region in Peru'. IUCN: Quito, Ecuador and Gland, Switzerland.
- 2012 'Rethinking Forest Reliance: comparative findings about poverty, livelihood resilience and forests from IUCN's 'Livelihoods and Landscapes' strategy. IUCN: Gland, Switzerland.
- 2011 with Jan Willem den Besten 'Understanding Forest Dependency for REDD+' Forest Conservation Programme Briefing Paper produced for UNFCCC Bonn, June 2011.
- 2011with Dominique Endamana.'Sangha Tri-National Landscape: transboundary conservationchallenges. Arborvitae 44, IUCN, Gland, Switzerland
- 2011, with IUCN Yaoundé. 'Results from application of the Forests-Poverty Toolkit in two villages in the Congo basin inCameroon, April 2011'. Report to IUCN REDD project, 2011.
- 2010 'The ecosystem approach in Anjouan: managing the integration of diverselandscape choices' Report of monitoring mission in support of Bristol Conservation & ScienceFoundation's project: 'A Participatory Conservation Programme forthe Comoro Islands'May-June 2010. Gill ShepherdAdviser to IUCN Forest Conservation Programme.
- 2010, with IUCN Guatemala, 'Results from application of the Forests-Poverty Toolkit in two villages in Guatemala', November2010. Report to IUCN REDD project, 2010.
- 2010, with Kofi Nyame, Samuel, 'Results from application of the Forests-Poverty Toolkit in WasaAmenfi WestDistrict, Ghana' Livelihoods and Landscapes Programme, Annual Report, IUCN 2010.
- 2010 Sandker, M., Nyame, S., Forster, J., Collier, N., Shepherd, G., Yeboah, D., de Blas, D., Machwitz, M., Vaatainen, S., Garede, E., Etoga, G., Ehringhaus, C., Anati, J., Quarm, O., Campbell, B. 'REDD payments as an incentive for reducing forest loss'. *Conservation Letters* (3) 2010 114-121. Wiley.
- 2009-2010 with Yumte, Y.'Results from application of the Forests-Poverty Toolkit in three villages in the District ofKaimana in the West Papua lowlands. Livelihoods and Landscapes Programme, Annual Reports, IUCN 2009 and 2010.
- 2009 'People and forest-based livelihoods in Kaimana District, lowland Papua: planning a sustainable long-term future'. 'Livelihoods and Landscapes Strategy' Working paper 4, IUCN, Gland, Switzerland
- 2009 'Time, Space and Poverty: the uneven geography of poverty in the landscape'. 'Livelihoods and Landscapes Strategy' Working paper 1, IUCN, Gland, Switzerland
- 2009 with Förster, J. 'Poverty in the Landscape: capturing variation and learning from it' Paperproduced for IUCN World Conservation Congress, Barcelona, 2009.
- 2009 with Kofi Nyame, S.'Results from application of the Forests-Poverty Toolkit in WasaAmenfi WestDistrict, Ghana' Livelihoods and Landscapes Programme, Annual Report, IUCN 2009.
- 2009 with David Huberman.Delivering Ecosystem Services in Landscapes: Lessons learned from experiences with PES through IUCN's Livelihoods and Landscapes Strategy. ICIMODMountain Forum Journal.
- 2009 withDavid Huberman and Lucy Emerton *Integrating Markets for Water and Carbon in Landscapes Lessons learned from experiences with PES through IUCN's Livelihoods and Landscapes Strategy* Arborvitae 42. IUCN, Gland, Switzerland
- 2009 'Making REDD fit reality' Gill Shepherd. Arborvitae no 40. IUCN, Gland, Switzerland.
- 2008 'Forest restoration, rights and power: what's going wrong in the ngitili forests of Shinyanga?' Gill Shepherd. Arborvitae no 36. IUCN, Gland, Switzerland
- 2007'An analysis of forest use in Simpa village, WasaAmenfi West District, Ghana' Livelihoods and Landscapes Programme, Annual Report, IUCN 2007.
- 2007 With Jeffrey Sayer, Jeffrey Mcneely, Stewart Maginnis, Intu Boedhihartono, and Bob Fisher *Local Rights and Tenure for Forests: Opportunity or Threat for Conservation?*A background paper for the conference "Towards a New Global Forest Agenda" Organized by the Rights and

- Resources Initiative, Swedish International Development Cooperation Agency, and the Stockholm School of Economics Stockholm, Sweden.
- 2005 *'Chronic Poverty, Remoteness, and the importance of Forests'*, CESS-ODI Briefing Paper No. 1 March 2005 prepared for DFID Multistakeholder Forestry Programme, Jakarta Indonesia.
- 2005 *'Links between Forests and Poverty in Indonesia. What Evidence? How Can Targeting of Poverty in and near Forests be Improved?'* CESS-ODI Briefing Paper 2, March 2005 prepared for DFID Multistakeholder Forestry Programme, Jakarta Indonesia.
- 2005 *'Factoring in the Forest-Dependent Poor'* CESS-ODI Paper for Indonesia's PRSP team. Prepared under contract to DFID Multistakeholder Forestry Programme, Jakarta Indonesia, January 2005.
- 2004 with Jeffrey Sayer, Christopher Elliott, Edmund Barrow, Steve Gretzinger, Stewart Maginnis and Tom McShane *'The Implications for Biodiversity Conservation of Decentralised Forest Resources Management'*. Paper prepared on behalf of IUCN and WWF for the UNFF Intersessional workshop on Decentralisation Interlaken, Switzerland, May 2004.
- 2003 with M. Arnold, G. Kohlin, R. Persson *Fuelwood Revisited: What Has changed in the Last Decade?* Occasional Paper No 39, CIFOR, Bogor Indonesia
- 2002 *'Poverty, Forests and Decentralisation Adding Value, Sharpening Policy'*. Paper for the Donor Roundtable, Jakarta, October 2002. With Adrian Wells, DFID, ODI and CESS, Jakarta, October 2002
- 2002 *'Poverty and forests: how can the forest sector contribute to national poverty goals?'* Paper for the Ministry of Forests, Jakarta, October 2002. With Adrian Wells, DFID, ODI and CESS, Jakarta.
- 2002 *'Typology of Planted Forests'* CIFOR Infobrief produced for UNFF2 UN, March 2002. With Graham Applegate, Mike Bazett, Nigel Dudley, Julian Evans, Andrew Ingles, Stewart Maginnis, Stephanie Mansourian, Robert Nasi, John Parrotta, John Poulsen.
- 2002 Shepherd G, Chipeta M and Campbell B. 2002. Africa's tropical dry forests – time to re-engage: An agenda for priority research. Bogor, Indonesia: Center for International Forestry Research. 63– 92. http://www.cifor.org/publications/pdf_files/Books/Dryforestreport.pdf
- 2002 *'National Forest Programmes'*. Key-sheets for Sustainable Livelihoods: Policy, Planning and Implementation no. 17. (www.keysheets.org) Published by DFID, ODI and the Netherlands Ministry of Foreign Affairs, October 2002. With Neil Bird
- 2002 *'Forestry as an Entry Point for Governance Reform'* with David Brown, Kate Schreckenber and Adrian Wells ODI Forestry Briefing Paper Number 1 April 2002
- 2000 *'Plant Genetic Resources Research for Poverty Alleviation: the three ways today's plant genetic resources research can help to combat poverty'* with Elizabeth Cromwell. Brochure prepared by ODI for IPGRI (now *Bioversity International*) April 2000.
- 1999 With D. Brown, M. Richards, K. Schreckenber, S. Tiller. *'Getting Aid Delivery Right: host country, donor and international complementarity for greater forest sector aid effectiveness'*. European Union Tropical Forestry Paper 4. Brussels, December 1999
- 1998 with Ravi Prabhu and Carol Colfer, *'Criteria and Indicators for Sustainable Forest Management: New Findings from CIFOR's Forest Management Unit Level Research'* ODI Rural Development Forestry Network Paper Series 23 Summer, 1998.
- 1998 with Neil Byron, CIFOR. *'Indonesia's fire problems require long term solutions'* ODI Natural Resources Perspectives Series no 28.
- 1997 *'Trees on the farm and people in the forest: social science perspectives in tropical forestry'* Commonwealth Forestry Review vol. 76/1 1997.
- 1993 *'Local and National Level Forest Management Strategies - Competing Priorities at the Forest Boundary: The Case of Madagascar and Cameroon'* *Commonwealth Forestry Review*, 72(4): 316-320

- 1991 'The Communal Management of Forests in the Semi-arid and Sub-humid Regions of Africa: Past Practice and Prospects for the Future', *Development Policy Review* (SAGE, London/Newbury Park/New Delhi), June 1991, Vol. 9, No 2, pp 151-176.
- 1990 'Forestry, Social Forestry, Fuelwood and the Environment; a Tour of the Horizon', in Proceedings of The Danish Association of Development Researchers' *People, Resources and Development in the Third World*', Roskilde University, Denmark, June 1990, No. 33, pp 50-62.
- 1990 'Conservation, development, and the future of the rainforest: whose knowledge, whose rights?' Editorial and guest editorship of the Autumn edition of *Appropriate Technology*, 1990.
- 1989 'The Reality of the Commons: Answering Hardin from Somalia', in *Development Policy Review*, London: Sage, Vol. 7, NE 1, March 1989, p 51-63.
- 1989 *Putting Trees into the Farming System: Land Adjudication and Agroforestry on the lower slopes of Mount Kenya*, ODI Social Forestry Network Paper Series 8, Summer 1989.
- 1989 'Trees and the Problem of Urban Energy', in *Africa Analysis*, NE 70, 14 April 1989
- 1988 'Social Aspects of Agroforestry', in *Tropical Agriculture Association UK Newsletter*, Agroforestry Seminar Reports, Vol. 8, NE 3, September 1988, p 7-10.
- 1988 'Poor People's Forestry'. Editorial (with co-Guest Editor Janet Stewart) for *Appropriate Technology*, 'Poor People's Forestry', Vol.15, NE1, June 1988.
- 1988 'Social Forestry and the Poor in Karnataka: prospects and problems', for *Appropriate Technology* 'Poor People's Forestry', Vol.15, NE1, June 1988.
- 1988 *The Reality of the Commons: answering Hardin from Somalia*, ODI Social Forestry Network, Paper Series 6, May 1988.
- 1987 'Performance and prospects in the rural Kenyan FP programme: an anthropological approach', in *Manchester Papers on Development*, Vol III, No 1, pp 103-115, March 1987.
- 1987 *Workshop Synthesis: discussion and outcome*, ODI Social Forestry Network Paper Series 5, October 1987. (Post-workshop paper concerning the ODI/IDS Workshop *Commons, Wastelands, Trees & the Poor: finding the right fit*, held in June 1987)
- 1986 *Forest Policies, Forest Politics*, ODI Social Forestry Network Paper Series 3, October

Major Commissioned Research Reports and Papers

- 2005 *European Community Report to the Conference of the Parties on the implementation of the Convention on Biological Diversity (CBD) by the EC: the first Interim Report on the implementation of the Cartagena Protocol on Biosafety, and the Thematic Reports on Forest Biodiversity, and Protected Areas*. (Contract no 07-07.0401/2004/393205/MAR/E2. With Neil Bird, Adrian Wells and Robert Falkner, July 2005.
- 2003 'Chronic Poverty and Remote Rural Areas' with Adrian Wells, ODI. Commissioned Paper for World Bank, Indonesia 'Local Government Governance' Programme, June 2003
- 2002 with Mahendra Joshi *Countries with low forest cover: An emerging international forest policy issue*. A review of the extent and severity of problems in low forest cover countries, and the kind of international co-operation needed. For UNFF, UNDP, New York.
- 2002 European Community Thematic Report on Forests and Biodiversity for the Convention on Biological Diversity (CBD). With Patrick Hardcastle. Prepared for the European Commission under study contract B7-8110/2001/329050/MAR/E3. July 2002
- 2001-2002 with Kai Larsen (University of Aarhus, Denmark) and Jeff McNeely (IUCN, Switzerland) Evaluation of 'Forest and People in Thailand' a Thai-Danish Research Programme, December 2001, January 2002.
- 2001 *'Pursuing Forest-related Objectives in Multilateral Environmental Agreements / processes / institutions- Gaps and Overlaps'* (A report to identify key links between, and possible opportunities and threats for the UK government in the UNFF process and in other MEAs /

- processes / institutions)' Report for The Whitehall Forestry Group, funded by EPD, DFID, January 2001
- 2001with Helen O'Connor, ODI. *Review of WWF policies in the light of livelihoods and poverty reduction; Recommendations on social safeguards for Forests for Life Programme; development of a learning framework on forest conservation and community forest issues, and a landscape approach to forest conservation.* WWF International, Gland, Switzerland.
- 2001Mid Term Review of 'PROFOR (The UNDP Programme on Forests) – its design and implementation and recommendations for the design of PROFOR II forUNDP, New York and DFID, London.
- 2000-2001 'The role of forestry in poverty alleviation: how can we achieve pro-poor forest policies and practices?' Proposal, plan, management and keynote paper for Forum for donors and multilateral agencies, involving commissioning and reviewing country profiles from Bolivia, Honduras, Mali, Tanzania, Nepal and Vietnam'. Hosted by FAO, as a contribution to the World Food Summit+5. DFID funded.
- 1996-2000with Paul Kerkhof'*The effectiveness of initiatives in the local management of dryland forest areas in the Sudano-Sahelian zone.*' Published as '*Local Forest Management in the Sahel: towards a new social contract*'. Paul Kerkhof, 2000. Wrote proposal, obtained funds, supervised over three years and co-edited final output from DFID-FRP project R6510, for SOS Sahel: London.
- 2000 with S. Vermeulen *Fuelwood in Africa: crisis or adaptation?* Presentation for Green College Oxford at Conference 'Tree-Planting in Africa'. Kew Gardens, November 2000.
- 2000 with P. Balogun, P. Branney, G. Kafle, D. Ticehurst. *Design of Nepal-UKForest Sector Programme.* DFID Nepal.
- 1999with Gerry Gill, ODI Research Associate. *Community Forestry and Rural Livelihoods in Nepal: Issues and Options for the Future.* An informal evaluation of the challenges to Community Forestry from a sustainable livelihoods' framework. ODI, London, UK.
- 1999 *Forests and sustainable rural livelihoods: current understandings, emerging issues and their implications for World Bank Forest Policy and funding priorities.* A contribution to the World Bank Forest Policy Review Process. Issues paper presented at World Bank workshop, Mansfield College Oxford, April 15th and 16th, 1999.
- 1999 with Riitta Paalanen, Annika Launiala, Michael Richards and Jonathan Davies, *Forest Sector Development Co-operation in the Sub-Saharan African and Central American Regions. An analysis of the Finnish Forestry Approach.* Worked directly on evaluations in Zimbabwe, Zambia, Malawi, Tanzania and Zanzibar. Evaluation III in the series '*Thematic evaluation on Environment and Development in Finnish Development Co-operation*'. Published by the Ministry for Foreign Affairs of Finland, Department for International Development Co-operation, Helsinki, February, 1999.
- 1997with D. Brown, 1997. '*Linking international priority setting to local institutional management*' International Conference on 'African Rainforests and the Conservation of Biodiversity' at the LimbeBotanical Gardens, Cameroun, 18-24 January, 1997.
- 1997with B. Maynard, 1997. '*Testing criteria and indicators for sustainable forest management in Cameroon: a report on the CIFOR test at the Wijma Concession, Kribi, October-November, 1996.*' CIFOR Research Reports, 1997.
- 1996 with Liz Kiff. 'The importance of common property issues, tenure and access rights in relation to land use management and planning at the forest/agriculture interface' *A review commissioned by the Forest/Agriculture Interface System of the Natural Resources Systems*

- Programme managed by ODA to provide a synthesis and analysis of previous work in the field, to aid identification of key researchable topics, and project locations.*
- 1996 'A summary of Tropical forest policies and activities of the Member States of the European Union' prepared for DG VIII. *Annex to the European Commission Tropical Forestry Policy Document*. June 1996.
- 1996 'Devising appropriate indicators of success for SOS Sahel's collaborative forest management projects in Niger, Mali, Sudan and Eritrea.' Paper for SOS Sahel under the DFID FRP grant 'The effectiveness of initiatives in the local management of dryland forest areas in the Sudano-Sahelian zone.'
- 1996 With R Hagen, F Julian, Dr E. Albert, Dr M. Bonaventure. 'A Social, Economic and Ecological Assessment of the CIBForest Concession in Northern Congo'. *Study undertaken on behalf of the Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (BMZ, Germany) by The World Conservation Union (IUCN)* August 1996.
- 1995 'Restoring the Landscape: a participatory approach to managing the Dareda escarpment, Babati, Tanzania'. London: ODI and Farm Africa.
- 1995 'Fuelwood and timber supply issues emerging from a review of documentation on the environmental impact of the Rwandan refugee camps in Tanzania and Zaire. Comments, and outstanding short-term and long-term data-needs'. Report to the Steering Committee of the Joint Evaluation of Emergency Assistance to Rwanda. ODI, London.
- 1995 'The impact of refugees on the environment and appropriate responses', Relief and Rehabilitation Network Newsletter, ODI, September 1995
- 1994 With D. Brown, 'Evaluation of the Community Forestry & Wildlife Conservation Project' Ethiopia. For Farm Africa, September, 1994.
- 1993 *A Review of current practices in a selection of joint forest management projects*. Commissioned by the DFID Indigenous Forest Conservation Project, Kenya.
- 1992 'Forest Management for Forest Production by Indigenous Communities'. In F.R. Miller and K.L. Adam, *Wise management of tropical forests*. Proceedings of Oxford conference 29th March to 1 April 1992, Oxford.
- 1991 *A Social and Economic Survey of threats to the Cameroon Forest Management and Regeneration Project, Mbalmayo Forest Reserve, Cameroon*. Report for DFID, UK
- 1991 with Dermot Shields and Jim Redhead, *The Karnataka Social Forestry Project. A study for ODA's Evaluation Department*.
- 1988 *Charcoal in Somalia: resource competition in the Bay Region of Somalia*, Neil M. Bird and Gill Shepherd. Chatham: NRI, UK and Ministry of Livestock, Forestry and Range, Mogadishu, Somalia
- 1984 *Responding to the contraceptive needs of rural people in Kenya*, an anthropological research report to OXFAM, identifying the factors producing a poor response rate to Kenya's Family Planning Programme, suggesting changes needed and contributions OXFAM might make to help these come about. OXFAM, Oxford, UK and Nairobi, Kenya.

Papers presented at workshops and conferences

- 2016 'The forest-poverty toolkit: a quick way to assess forest reliance'. Presentation at the IUCN Quadrennial World Conservation Congress, Hawaii, 2016.
- 2011 'The forest-poverty toolkit – capacities and contrasts with CIFOR 's PEN methodology, and results' CIFOR and ICRAF Sentinel Landscapes Workshop, Hoedspruit, South Africa, December 2011.
- 2011 'Undertaking Restoration: Building in Resilience'. For IUCN Commission for Ecosystem Management. Society for Ecological Restoration Conference, Mexico, August 2011.

- 2011 With Yumte, Y., Kofi Nyame, S., Mate R., Endamana, D., Akwah, G., Jepang, C., Honadia, C., Jia, L., Rattanasorn, T, T., Wood P., *'Rethinking Forest Reliance: results from some of IUCN's 24 "Livelihoods and Landscapes" countries.* CIFOR-PEN workshop, Norwich, June 2011.
2010. *'The long walk out of poverty: seeing forests spatially for a better understanding'*. Session B-03, IUFRO Congress, Seoul, August 2010.
- 2009 *Pursuing the links between forests and poverty: spatial concepts for better analysis and action.* Keynote paper in Forests and Poverty session, World Forestry Congress, Buenos Aires Argentina, October 2009.
- 2008 *The Ecosystem Approach: what have we learned so far?* Presentation for IUCN Commission on Ecosystem Management, World Conservation Congress, Barcelona, October 2008.
- 2007 with Bob Fisher, Stewart Maginnis and Jeffrey Sayer *Rights, Tenure, Governance and a More Pro-Poor Vision for Conservation: What Should We Be Aiming at?* A background paper for the conference "Towards a New Global Forest Agenda" Organized by the Rights and Resources Initiative, Swedish International Development Cooperation Agency, and the Stockholm School of Economics, Stockholm, Sweden
- 2006 *'Biodiversity and Livelihoods: where the Ecosystem Approach can take us'*, IUCN September 2006. Paper prepared for presentation at the EC Conference on Biodiversity in European Development Cooperation, Ministry of Foreign Affairs, Paris, 2006.
- 2005 *'Integrating Biodiversity Conservation into Livelihoods and Landscapes – The Application of the Ecosystem Approach'*. Presentation made at the Asia-Europe Environment Forum Conference Jakarta 23rd-25th November 2005
- 2005 *'Ecosystem Approaches to Management: Principles and Implementation Issues'* presentation made to the USA National Oceanographic and Atmospheric Administration (NOAA) Maryland, USA, 14th November 2005
- 2003 *Operationalising the Ecosystem Approach.* Presentation in Plenary and in a side-meeting at the Ninth Meeting of the Subsidiary Body on Scientific, Technical and Technological Advice, of the CBD Montreal, Canada November 10th-14th 2003
- 2003 *The Convention on Biological Diversity: how can we support linkages in the landscape through the Ecosystem Approach?* Paper presented at the World Parks Congress, September 8th-17th, Durban, South Africa, in Stream 1, 'Linkages in the landscape/seascape', 12th September 2003.
- 2002 Keynote Presentation in the side-meeting *'Managing Forest Ecosystems for Sustainable Livelihoods'* 6th meeting of the Conference of the Parties to the Convention on Biological Diversity (COP6), on 8-19 April 2002.
- 2002 *'Bad Governance - Can Global Environmental Policy Make A Difference?'* Presentation, March 2002, in the series *'Governance and pro-poor change: what can the forest sector teach us?'* ODI Meetings Series Feb to April 2002
- 2002 *'Redefining forestry in a landscape context'* paper and presentation at IUCN-WWF Forest Landscape Restoration Workshop, Costa Rica, February 2002
- 1998 with Michael Wells, *'People and World Heritage Site Forests: Linking Protected Areas and Local People'* Paper presented at *World Heritage Forests: A Policy Dialogue on the World Heritage Convention as a Mechanism for Forest Biodiversity Conservation*, December 1998, Berastagi, N. Sumatra, Indonesia. Meeting sponsored by CIFOR, the Ministry of Forestry and Crop Estates, Indonesia, the Leuser Development Programme Sumatra, UNESCO and the World Heritage Centre, France.
- 1998 *'The Socio-Economic Functions of Forests'*. Invited paper given at the Conference *'Forests and Trees in Environment and Development Co-operation'*, Danish Forest Tree Seed Centre, July 1998. Conference Proceedings, November, 1998

- 1997 Two-day workshop, 'Improving links between Aid and Private Commercial Forestry'. The meeting was structured around my presentation of the case-study of the CIB logging concession in Northern Congo, which I and an IUCN team evaluated in 1995/96. BMZ, Germany.
- 1995 'Critical consideration of agroforestry and social forestry networks at national, regional, and global scales, in terms of their purpose and function - viewed from the centre and from the periphery', *paper prepared for XX IUFRO World Congress 1995 Tampere, Finland*. Pl.15-00 Agroforestry Session.
- 1993 'Forest Management for whom? Contrasting approaches for local and commercial needs. *The Jodrell Seminar*, the Royal Botanic Gardens, Kew, 22nd June 1993.
- 1990 'From tree-use to tree-planting: researching the response of the farmer'. Invited paper presented at the *19th International Union of Forestry Research Organisations (IUFRO) Congress* in Montreal, Canada, Aug 5-11, 1990.
- 1989 'Forestry in Rural Development: trees in the farming system on the slopes of Mount Kenya'. Case study for Session 5A at the *Thirteenth Commonwealth Forestry Conference, Forestry - a multiple-use enterprise*, Rotorua, New Zealand, 18th-30th September 1989.
- 1987 'Wasteland Development and the Poor in Karnataka: conflicts and contradictions. Paper delivered at the ODI/IDS Workshop, *Commons, Wastelands, Trees & the Poor: finding the right fit*, held at IDS, University of Sussex, June 8-9th 1987.
- 1986 'Economic choices for Botswana's urban and rural domestic fuel supplies. Paper prepared for the XVIIIth IUFRO World Forestry Congress *Forestry Science serving Society*, Ljubljana, Yugoslavia, September 1986.

Honorary Appointments

- CEE Collaboration for Environmental Evidence**
Board Trustee
- IUCN Commission on Ecosystem Management**
Special Adviser on Landscapes and the Ecosystem Approach in the Commission on Ecosystem Management 2003 –2016
Cross-cutting Theme leader on Poverty and Landscapes 2006 –2012
- CIFOR Centre for International Forestry Research (CGIAR Center, Indonesia)**
Vice-Chair, Board of Trustees, 1996-97
Chair, Board of Trustees and Executive Committee, 1997 to 2000
Chair, Programme Committee, 2001-2002
- BAND AID / LIVE AID (with Bob Geldof)**
Sahelian Project Selection Committee Member, 1985-1986
- SOS SAHEL INTERNATIONAL (Dryland Forests charity)**
Co-Founder, and Chair, Projects Committee 1985-1997
- OXFAM Africa Committee 1983 - 1986**

Affiliations

- FRGS** Fellow of the Royal Geographical Society
- FRAI** Fellow of the Royal Anthropological Institute

Professional Work for Universities

- PhDs in forestry and natural resource management examined at Oxford, Cambridge, London (Imperial), Aberdeen, Sussex (IDS), Reading and East Anglia.
- Co-supervised PhD at the London School of Economics, 1994-1998 on 'The economics of farmer conservation of on- and off-farm biodiversity on the slopes of Mt Kenya'.
- External examiner, Forestry Department, University of North Wales, Bangor (1991-1995); and AERDD, University of Reading (1994-1997).
- Taught courses (socio-economic aspects of forestry) or gave individual lectures in the Universities of Oxford, Edinburgh, Cambridge, Aberdeen, Bangor, Yale (Newhaven, USA), UCLA (Berkeley, USA) Uppsala and Lund (Sweden), Roskilde (Denmark), Wageningen (Netherlands).

Awards

November 2016. Residency at Salzburg Global Seminar at Schloss Leopoldskron, Salzburg, 'The Next Frontier: Transboundary Cooperation for Biodiversity and Peace'.

July 2013. One-month residency at the Rockefeller Center, Bellagio, Lake Como, Italy as Senior Research Fellow, to work on Results of 'Livelihoods and Landscapes' field research.

Sept.1994 'Outstanding Contributions to Tropical Forestry' Award, Society of American Foresters.

Country Experience

Argentina, Burkina Faso, Bolivia, Botswana, Burundi, Brazil, Cameroon, China, Colombia, Comoro Islands, Ethiopia, Egypt, Gabon, Ghana, Guyana, Guatemala, India, Indonesia, Italy, Japan, Kenya, Lao PDR, Liberia, Madagascar, Mali, Malawi, Mexico, Mozambique, Nepal, Niger, Peru, Philippines, Republic of Congo, Somalia, South Africa, South Korea, South Sudan, Sudan, Sweden, Tanzania, Thailand, Uganda, Vietnam, Zambia, Zimbabwe.