



PROFESSOR BARRY DALAL-CLAYTON



Curriculum vitae

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Born: 10 June 1950, Wigan, England
Nationality: British
Marital status: Married.

Current position **Director**
 Environment and Development Services International (address above)

SUMMARY OF EXPERIENCE

Professor Barry Dalal-Clayton has 44 years post-graduate experience promoting sustainable development in developing and developed countries - through both project- and strategic-level assessment (social and environmental), sustainable development strategies (national and local), integrated planning and policy assessment, and sound natural resource management; with 10 years earlier in his career based in Zambia working on soil survey, rural development and agriculture for UK ODA (now DFID) and NORAD.

In 2014, he established Environment and Development Services – International. From 1988 to 2014, he worked with the International Institute for Environment and Development (IIED), based in London, where he was most recently a Senior Fellow and Director for Strategies, Planning and Assessment. He remains a Visiting Fellow at IIED. Here, his work involved directing research programmes; advising governments, donors and international organisations; work with the private sector, and coordinating training and capacity-building work. His main areas of interest have included:

- Reviews of *government, aid agency and NGO strategies, policies and programmes* and project feasibility, appraisal and evaluation studies;
- *Environmental mainstreaming* for sustainable development and transitioning to a *green economy* – addressing the contextual and institutional challenges, tools and tactics;
- *Impact assessment* (environmental and social), integrated and strategic environmental assessment, sustainability appraisal, visioning and scenario planning;
- *Sustainable development strategies* and related approaches (at national to local levels);
- Resource assessment, land resources information, and *land use/environmental management planning*;
- *Protected area management*
- *Participatory and community-based approaches* to development, particularly for natural resource management and biodiversity conservation, including community-based natural resource management (CBNRM);
- *Environmental advisor and consultant* to numerous development cooperation agencies, development banks, UN organisations, NGOs and the private sector;
- Writing several *books and publishing* over 100 papers and reports.

During his earlier career, Barry Dalal-Clayton gained extensive specialist knowledge of soil survey procedures and worked on problems of resource degradation. He was also involved in rural development planning and agricultural development covering rainfed and irrigated tropical cropping systems in both the commercial and smallholder sectors. During 1983-85, he acted as personal environment advisor to President Kenneth Kaunda of Zambia. For a period, he worked with the UK National Farmers Union, focusing on land use, county development and agricultural policy issues.

ACADEMIC QUALIFICATIONS

BSc (Hons).	1971	Botany (with Zoology & Geography). University of Durham:
MSc (by thesis).	1977	<i>"Investigations into the Nature and Distribution of the Sandveld Soils of Central Province, Zambia, with Observations on their Land Use Potential"</i> . University of Durham.
D.Phil.	1988	<i>"The Construction and Critical Appraisal of Reconnaissance Soil Mapping. A Geomorphic and Soil Taxonomy-Based Approach in Eastern Zambia"</i> . University of Sussex:
M.I.Biol	1978	Member of Institute of Biology.
C.Biol.	1978	Chartered Biologist.

Special courses attended

1972	Land Use Planning and Tropical Crop Ecology, National College of Agricultural Engineering, Silsoe (sponsored by UK ODA).
1985	Soil Taxonomy and Agro-technology Transfer: International Training Forum organised by US Dept. of Agriculture and Soil Management Support Services.

SUMMARY OF WORK CAREER

2014 - present	Director, Environment and Development Services International Visiting Fellow, IIED London
2005 - 2014	Senior Fellow, IIED, London.
1999 - 2004	Director for Strategies, Planning and Assessment, IIED, London,
1992 - 1998	Director of Environmental Planning Group, IIED, London
1988-1992	Director of Programme Coordination and Director of Field Services IIED, London.
1986 - 1988	Independent consultant, and preparation of DPhil thesis.
1980 - 1986	Soil specialist, Norwegian Agency for International Development (NORAD), posted to Soil Survey of Zambia.
1975 - 1980	Assistant, then Deputy, Counties' Secretary, East Sussex and Kent County Branches, National Farmers' Union.
1972 -1975	Land Use Planning Officer, UK ODA, posted to Land Use Services Division, Ministry of Agriculture, Zambia.
1971 (Aug-Dec)	Course Assistant, Science Faculty, Open University, Milton Keynes, England.

APPOINTMENTS

Public

- 1977 - 1980 Member of Council and Executive Committee, Greater London & South East Council for Sport and Recreation.
- 1976 - 1980 Member of Kent County Agricultural Wages Committee
- 1976 - 1980 Member of Thames & Southern Water Authorities Agricultural Industry Liaison Committees.

Other

Member:

- International Linkages Panel, Centre for Rural Social Research, Charles Sturt University, Australia (1997 - 2002).
- OECD Development Assistance Committee - Network on Development Assistance and Environment (Environet) (1990 – 2009)
- OECD DAC Task Force on Environmental Assessment (1995 - 1997)
- OECD DAC Task Force on National Strategies for Sustainable Development (1998 – 2002)
- OECD DAC Task Group on Strategic Environmental Assessment (2002-present)
- UNEP Advisory Panel on EIA Training (1995-1997)
- UNEP Advisory Panel on Integrated Strategic Planning (2003 - 2008)

Chair: International Cooperation Committee of the International Association for Impact Assessment (1997 – 1998)

Member of Editorial Board: *Environment, Development and Sustainability*. Journal published by Kluwer Academic Publishers (1998 – present)

Visiting Professor, Pokhara University, Nepal (2013 -)

Visiting Fellow, International Institute for Environment and Development (2014 – present)

Visiting Research Fellow, Durrell Institute for Conservation and Ecology (1996 - 2004)

Advisor and Honorary Board Member: Asian Centre for Environment Management and Sustainable Development, Nepal

Judge: Environment category, World Leadership Awards 2005-2007 (World Leadership Forum)

ADDITIONAL INFORMATION

Overseas countries worked in (not just visited):

Azerbaijan, Bangladesh, Bhutan, Bolivia, Botswana, Canada, China, Ghana, France, Kazakhstan, Kenya, India, Malawi, Namibia, Nepal, Netherlands, Pakistan, South Africa, Tanzania, Vietnam, Zambia, and Zimbabwe

Fellowship/membership of professional societies:

- International Association for Impact Assessment (member)
- Institute of Biology (Chartered Biologist)
- Royal Geographical Society (Fellow)

Languages:

- English: Mother tongue; French: Spoken and written fair

DESCRIPTION OF POST RESPONSIBILITIES AND EXPERIENCE

Current positions (2014 – present)

Director – Environment and Development Services International

Visiting Fellow - International Institute for Environment and Development (IIED)

EDSI, Hadleigh House, 16 Dukes Close, Gerrards Cross, Buckinghamshire, SL97LH, England, UK

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Websites: <http://EDSI.yolasite.com> and <http://Barrydalal-clayton.yolasite.com>

EDSI provides expert advice and technical consultancy services on:

- Reviews and assessment of government, aid agency and NGO strategies, policies and programmes and project feasibility and appraisal studies;
- Sustainable development;
- Environmental and social impact assessment (from project to strategic levels) and reviews of SEAs and EIAs;
- River basin planning, land use planning and land resources information;
- Participatory and community-based approaches to development, including community-based natural resource management (CBNRM);
- Independent reviews and evaluations of policies, plans, programmes and projects.

Recent assignments include:

- Lead consultant to Deutsche für Internationale Zusammenarbeit (GIZ) GmbH. Support to Namibian Department of Environmental Affairs to develop Regulations for EIA, SEA and Environmental Assessment Practitioners.
- Consultant to Asian Development Bank and National Environment Commission, Bhutan: Development of SEA Guidelines for Bhutan, development and delivery of SEA training course, Leader of SEA of Southern East-West Corridor Highway (May – December 2016)
- Technical supporting to World Bank for review and update of the WB's environmental and social safeguard policies – development of an adaptive risk-based approach for use with ESF use of borrower frameworks (October 2015 – April 2016)
- Technical support to National Environment Commission, Bhutan - scoping and preparation of TOR for SEA of proposed Capital Region, Bhutan
- Technical support to UNDP and Ministry of Environment, Botswana, to integrate sustainable development approaches into the development of the 11th National Development Plan and 'Vision Beyond 2016' process – including scenario development and sustainability appraisals for key sectors (Phase 1: August 2014 – June 2015; Phase 2: August 2015 – June 2016).
- Preliminary scoping and development of terms of reference for strategic environmental assessments of two coastal development hubs in Namibia (for NACOMA project, Ministry of Environment and Tourism, Namibia) (May-July 2015)
- Independent Review of strategic environmental assessments of the coastal areas of Karas and Hardap Regions, Namibia (for NACOMA project, Ministry of Environment and Tourism, Namibia) (May-July 2015)

- Resource person for ADB Core Environment Programme and Biodiversity Conservation Corridors Initiative in the Greater Mekong Subregion, supporting regional forum on strategic environmental assessment, identifying good practices, promoting uptake in national and sector planning in GMS countries, developing a policy brief and technical knowledge product.
- Review of Environmental and Social Impact Assessment Report for Tarjuwon Oil Palm Development Project, Liberia (for Global Witness) (August 2014).

Last Appointment (2005 – 2014)

Senior Fellow - International Institute for Environment and Development (IIED) (2005 – present)

(formerly Director for Strategies, Planning and Assessment (1998-2005) and Director of the Environmental Planning Group (1992-1998)

IIED, 80-86 Gray's Inn Road, London, WC1X 8NH

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Website: www.iied.org

Professor Dalal-Clayton's work at IIED combined research on the mechanisms and "tools" for sustainable development planning and assessment, with the delivery of advice and services to donors and governments, institutional and practical support to governmental and non-governmental organisations and the private sector, and the provision of related information.

This work was undertaken as part of IIED's focus on governance for sustainable development. It involved working through inter-/multi-disciplinary and multi-stakeholder approaches, with partnerships and cooperation in joint projects and activities with a range of international, regional, national and local organisations in the North and South: government agencies, the private sector, NGOs and civil society groups. The main areas of work covered the following areas:

- Approaches, tools and tactics for mainstreaming environment in development decision-making;
- Environmental assessment (integrated and strategic environmental assessment (SEA), environmental impact assessment (EIA), visioning and scenario planning, resource survey methodologies and application);
- Strategies for sustainable development;
- Development planning (national planning, rural and land use planning);
- Participatory and community-based approaches to natural resource use, wildlife and wetlands management;

Professor Dalal-Clayton has been directly involved in the following specific activities:

Advisory and liaison work with donors and private sector

- Established close working relationships with environment and sustainable development advisers in wide range of bilateral and multi-lateral agencies and UN organisations, and served on inter-agency working groups and task teams;
- Provided advice (commissioned and voluntary) to donors and governments on policies, initiatives and documents; organised and contributed to workshops, run training seminars, and influenced debate and understanding of key issues.

- Served continuously between 1990 and 2009 as an NGO member of the OECD/DAC's Working Group (subsequently Network) on Development Assistance and the Environment (Environet). Contributed directly to many of its initiatives and an active member of various Task Forces (EIA, National Strategies for Sustainable Development, SEA)
- Provided environmental critiquing to the Mining and Minerals for Sustainable Development (MMSD) initiative, coordinated by IIED under commission from the World Business Council for Sustainable Development (WBCSD) and on behalf of a group of the world's major mining companies (2000-2002).
- Worked with BP Azerbaijan as part of BP-IIED partnership to address sustainable development issues in BP's own activities and in the development of Azerbaijan. (2006- 20078). Led BP Study Tour to South Africa (April 2007).

Environmental and sustainability assessment

- Team Leader of strategic and social assessment of Nepal's REDD+ strategy (October 2013 – April 2014).
- Lead consultant of independent review of 5 SEAs undertaken in Namibia (October 2013 – February 2014). Engaged by GIZ and Ministry of Environment, Namibia
- Lead consultant of Rapid SEA of Namibia's Fourth National Development Plan (August 2013). Engaged by GIZ and Ministry of Environment, Namibia.
- Organiser, programme coordinator and lead facilitator: International Workshop on SEA and Green Economy, Lusaka, Zambia. Hosted by Government of Zambia, with OECD and African Development Bank (funded by Ministry of Foreign Affairs Finland) (September 2012 – February 2013)
- Engaged to provide Technical Secretariat to OECD DAC Task Team on SEA (2004-2013) (funded by Govt. of Norway). Task Team activities have involved:
 - (a) development of OECD DAC Guidance on SEA (2006) and supplementary Advisory Notes on SEA in relation to: climate change; ecosystem services; post-conflict situations; and disaster management (2008) and biofuels (2010);
 - (b) management of tracking system for donor SEA activities to implement DAC SEA guidance;
 - (c) preparation of SEA case studies;
 - (d) SEA training and awareness-raising
 - (d) regular Task Team meetings and events (workshops, conferences)
 - (e) Initiating programme on SEA and green economy (2012-2013).
- Lead technical adviser to support programme to Ministry of Environment, Science and Technology (MoSTE), Nepal, to develop SEA system for Nepal (collaborative programme with Asian Centre for Environment and Sustainable Development, AEMS). (2013-2014).
- SEA and Protected Areas in Nepal (2012). At request of Ministry of National Parks and Wildlife Conservation, developed programme to review Protected Areas Policy through SEA studies of all protected areas in country. Collaborative initiative with Asian Centre for Environment

Management and Sustainable Development. Will act as Chief Technical Adviser to programme.

- Team Leader for scoping mission for SEA of Three Year Plan of Adjustment to the new Plurinational State 2010 – 2012 – Environmental Agrarian Process, Bolivia. Engaged by Netherlands Embassy, Bolivia (August-September 2012).
- International Reviewer for SEA of Uranium Mining in Namibia. Engaged by the Geological Survey of Namibia (GSN) (2009-2010). (Testing of OECD DAC SEA review methodology). On-going adviser to GSN on implementing the strategic environmental management plan for uranium mining.
- Technical support to Dutch Embassy in Vietnam and Ministry of Natural Resources & Environment (MONRE) on planning and implementation of an initiative to integrate climate change considerations in strategic environmental assessment mechanisms, and strengthen awareness-raising and capacity-building for SEA (2009-2010)
- Development of draft generic SEA review methodology for OECD DAC; and development and testing of tailored SEA review methodology for CIDA (2009).
- Led donor scoping mission for an SEA Roadshow (on SEA awareness-raising) in Tanzania (October 2009)
- Training courses on SEA, sustainability appraisal and environmental mainstreaming provided to Millennium Challenge Corporation, Washington DC (2008).
- Led SEA Roadshow initiative in Zambia for OECD DAC SEA Task Team (scoping visit and awareness-raising workshops (2008)
- Leading international review of experience and practice in sustainability appraisal (assessment approaches that genuinely seek to integrate social, environmental economic dimensions) - funded by Norwegian government) (publication by Earthscan as a reference guide and sourcebook due 2009).
- Appointed member of ICEM (International Centre for Environmental Management) international panel of strategic environmental assessment (SEA) experts for the Mekong Sub-Region, SE Asia (2006).
- Engaged by World Bank Institute as member of team undertaking an SEA of Vietnam's Hydropower Plan, including organising training and scoping workshop (2006).
- Developing international partnership and work programme to develop and test a framework for application of sustainability appraisal, including preparation of a Users Guide to Tools and Approaches for Integration (2006 - present).
- Technical advice to UNEP on approaches to develop a Manual on Integrated Assessment (2005-2006)
- Co-ordinated assessment of international experience of strategic environmental assessment (SEA) (for UNEP and Govt. of Norway) (2003 - 2004) – providing baseline information for DAC work to promote SEA and identify best practice, and underpinning UNEP work to promote integrated

strategic planning. Published 2005 by OECD/UNEP/IIED and Earthscan as a reference guide and sourcebook).

- Co-ordinated review of the experience of developing countries in the use of strategic environmental assessment (SEA), and analysis of opportunities and constraints (1997-98).
- External Review of SEA for the Proposed East London Industrial Development Zone. Commissioned by CSIR, South Africa (1997).
- Led study of the environmental impacts of wildlife tourism (1997) – used in developing of new wildlife policies in several countries (eg Tanzania, Namibia)
- Developed the Directory of Impact Assessment Guidelines, covering countries and agencies from around the world (1st edition 1994, 2nd edition 1998) - widely used as a key information resource.
- Coordinated a series of projects on the role and effectiveness of EIA and strategic environmental assessment (SEA), and their role in decision- and policy-making (1992-present). This work has informed perspectives within donor agencies (bilaterals and multi-laterals), helped improve official guidelines, and positively influenced international debate and practice.

Environmental mainstreaming and transitioning to a green economy

- Study of role of hydropower in driving transition to a green economy in Nepal and Himalayan region, with Asian Centre for Environment and Sustainable Development (September-December, 2012)
- Facilitated Asian regional workshop on environmental mainstreaming for a green economy, May 2012, Nepal.
- Facilitated workshop on green economy in support of developing a partnership programme for the Astana Green Bridge Initiative, Kazakhstan, July 2011.
- Advice and support to Environment Mainstreaming Initiative in Nepal (2011- 2012) – diagnostic analysis of mainstreaming experience in Nepal; scoping meetings; national workshop on environmental mainstreaming (Oct 2011); national report and accompanying environment song; Facilitated Asian regional workshop on environmental mainstreaming and green economy (May 2012).
- Facilitated series of stakeholder workshops on environmental mainstreaming in cities (Manila, Entebbe, Accra in 2012) – in collaboration with UNEP
- Technical advice and support to Poverty-Environment Initiative (Botswana) and government of Botswana on environmental mainstreaming and development of National Strategy for Sustainable Development (2010 -). Activities include stakeholder workshops; studies and consultancies; joint work (e.g. poverty-environment / local economy studies); training and capacity-building..
- Adviser and peer reviewer to African Development Bank on environmental mainstreaming initiatives (particularly in the roads sector) and design of country mainstreaming case study work

(2010-2011).

- Coordinating *Environmental Mainstreaming (EM) Initiative* (collaborative initiative involving IIED, UNDP-EEG, UNDP-UNEP Poverty-Environment Initiative and AusAID (2009-2012). First phase (2009-2010) focuses on developing *Environment Inside* – an online web resource on Environmental Mainstreaming.
- International consultant on environmental mainstreaming to Danida MPL programme, Vietnam (2009)
- Coordinating initiative to investigate the challenges of environmental mainstreaming and gather stakeholder perspectives on tools, methods and tactics (2007 – 2009). Involved 10 country surveys and work with UNEP-UNDP Poverty Environment Initiative, with a dedicated website (www.environmental-mainstreaming.org).

Strategies for sustainable development

- Technical support to Ministry of Environment , Botswana, and UNDP on developing a National Sustainable Development Strategy, conducting a sustainability assessment of the National Development Plan, and mainstreaming sustainability in the National Vision (July-December 2014)
- Technical support to International Workshop on Strengthening Planning and Implementation Capacities for Sustainable Development in Post Rio+20 Context, Korea, November 2012 - with UN Office for Sustainable Development (UNOSD)
- Collaborating with International Institute for Sustainable Development (IISD) AND Institute for Global Environmental Strategies (IGES) to expand the SDPlanNet networks in Asia/Pacific and Latin America/Caribbean and build capacity for SD and environmental mainstreaming in government planning (2012 -).
- Advice to the Government of Botswana on the development of its National Strategy for Sustainable Development (2009-2010). Facilitated scoping workshop (July 09).
- Advice to the island of Jersey on developing a sustainable development strategy (2009)
- Engaged to make keynote presentation and lead debate on sustainable development strategies and challenges in the polar regions, 845th Wilton Park Conference: Polar Regions: Challenges and Possibilities, 1-4 October 2007. UK Foreign & Commonwealth Office.
- Advising the government of The Netherlands and facilitating a peer reviews of its national sustainable development strategy (2006 - 07).
- Engaged by OECD to undertake a review of monitoring mechanisms for National Sustainable Development Strategies (2006), and prepare background paper for OECD Workshop on NSDS (Stockholm). Keynote presentation on this work to OECD-UNDESA International Workshop on Institutionalising Sustainable Development Stockholm, August 2006.
- Engaged by French government to develop NSDS peer review methodology and facilitate its test application to the French NSDS (2004-05) (peers = Ghana, Mauritius, Belgium & UK). Results

and methodology presented at side event at CSD13 (2005). Methodology adopted by European Commission for EU peer review programme (2006 -).

- Advice and technical support to government of Yunnan Province, China, in developing its Sustainable Development Action Plan, and provision of short training workshops on strategy tools: policy mapping, visioning, scenario planning, and sustainability appraisal (2004).
- Since January 2003, invited to speak on NSDS approaches at numerous international events (eg running a Learning Center on NSDS at CSD11).
- Engaged by the OECD DAC to coordinate international dialoguing processes between donors and a range of developing countries on national strategies for sustainable development (1999-2000); develop draft policy guidance for donors; and prepare a Resource Book (2001-2002). Guidance endorsed by ministers and Resource Book successfully launched at WSSD. 5000 copies distributed and widely acclaimed. Provided basis for parallel UN guidance
- Assisted the Centre for Russian Environmental Policy, Moscow, in the development of an environmental policy for Russia. Project funded by the UK Know How Fund Russia and undertaken in association with Scott Wilson Resource Consultants (1998-1999).
- On behalf of the OECD DAC Working Party on Development Cooperation and Environment, organised a Donor-Developing Country Workshop on National Strategies for Sustainable Development, Sunningdale, UK, November 1998 – successfully led to a partnership between developing countries and donors for the DAC work on developing policy guidance on strategies.
- Developed and coordinated an action-research programme in sub-Saharan Africa, in collaboration with the Network for Environment and Sustainable Development in Africa (NESDA), on strategic analysis, debate and action for sustainable development – laid the methodological groundwork for the DAC’s work on strategies(1998-2000).
- Advised governments, donors and UN agencies on strategies for sustainable development, provided briefings, run training courses, and helped various countries to successfully develop strategies (eg USA, Norway, Tanzania, Namibia, St Helena) (1994 – present);
- Preparation of a series of issues papers on dilemmas in developing strategies, participation in strategies, and strategy experience in small island states (1994-1995);
- Led a survey of industrial country experience in national green planning (1994-95) – report (book) still much used as key information source by government planners.
- Coordinated international study of conservation strategies, environmental action plans, green plans and similar approaches leading to the preparation of a handbook on the preparation and implementation of strategies for sustainable development (in collaboration with IUCN) (1991-94). 10,000 copies distributed internationally – used as key guidance by developing country practitioners and donors.

Resource assessment and planning

- Lead adviser for study of evidence based decision-making for sustainable agriculture in Nepal, with focus on agricultural planning and vegetable-growing in Dhading District. Collaborative research with Asian Centre for Environment and Sustainable Development(AEMS) (March-December 2013).
- Coordinating programme of national workshops on climate change adaptation and planning/decision-making (pilot workshops in Chile and Vietnam: 2007).
- Worked with UNDP and University of Dar es Salaam to identify experience and best practice in participatory local planning in Tanzania. Led to successful pilot district planning programmes in support of the decentralisation programme (1999-2000).
- Coordinated study of international experience in rural planning and contribution to rural livelihoods for DFID, with detailed country case studies in Ghana, South Africa and Zimbabwe (1998-1999). Showed how participatory planning approaches can address cross-cut issues that influence the poverty-environment nexus.
- Directed collaborative research on resource assessment methods and land use planning procedures (from national to village levels) (1992-93). Reports used to help frame agency and government planning guidelines (eg Tanzania, Sri Lanka, FAO, UNDP); also used as key university course sources. Updated in 2001 as a textbook for Oxford University Press..

Participatory and community-based natural resource management, and protected area management

- Technical support to Nepal's Ministry of National Parks and Wildlife Conservation to develop programme to review and revise the Protected Areas Policy/Act. Comparative reviews of different PAs, their management regimes. Impacts (environmental, social, economic), benefits/disbenefits delivered, and examining management options related new challenges (eg climate change) (2012)
- Developed programme to study the management of protected areas in iconic mountain regions in the tropics to maximize flows of ecosystem services for poor people. With Cambridge University (2012) – seeking funding.
- Facilitated ESPA workshop on ecosystem services and poverty alleviation in the savannah protected areas and rangelands of East and Southern Africa, Arusha, December 2010. Organised by Department of Geography, University of Cambridge, UK, and Southern African Centre for Infectious Disease Surveillance (SACIDS at Sokoine University of Agriculture (SUA), Tanzania
- Led comparative review of two DFID-funded participatory biodiversity conservation projects in Brazil and Indonesia (1998).
- Led evaluation of 15 years implementation of the Luangwa Integrated Resource Development Project for NORAD – one of Africa's first community-based natural resource management projects (1997-2002) (book published with Brian Child in 2003).

- Established the “Evaluating Eden” programme - an international initiative with collaborating institutions in several continents, investigating approaches to community wildlife management and their environmental, social and economic impacts (1996-1997).
- Coordinated global review of community approaches to wildlife management for DFID (producing the “Whose Eden” report, 1994). Provided technical basis for international conference at Sunningdale (hosted by DFID) and established consensus on principles of good practice.
- Development and promotion (with bilateral donors) of proposals for integrated resource development and wildlife management and conservation in the Luangwa River Valley and its catchment (the Luangwa Integrated Resource Development Project). (1988)
- Organised Lupande Development Workshop on integrated resource management in the protected areas and adjacent game management areas of Zambia’s Luangwa Valley (1984)

Teaching

- Provided annual course seminars to MSc students at the Durrell Institute for Conservation and Ecology, University of Kent, Canterbury, on strategies for sustainable development (1998-2003).
- Numerous ad hoc lectures to university course students and contributions to training events (on EIA, SEA, sustainability planning).

Management functions at IIED

- Liaison with government departments and donor agencies
- Lead role in development of IIED’s periodic strategic visions, mission revisions, and successive three year institutional plans and strategies (1996-1998, 1999-2002, 2003-2005);
- Development of programme strategies and budgets;
- Acting Executive Director (as triumvirate) in 1998;
- Member, and periodically Chairman (rotating position), of Programme Strategies Group (senior management team responsible for IIED’s professional direction);
- Recruitment and supervision of programme staff, annual performance reviews, management of staff activities (research, training activities, capacity-building work, writing reports and publications);
- Established and directed IIED’s Field Services (1988-1992), Environmental Planning Group (EPG) (1992-1998) and the Strategies, Planning and Assessment Programme (SPA) (1999-2005).

Director of Programme Coordination and Director of Field Services (1988-1992)

International Institute for Environment and Development

Responsible for coordination of all IIED Programmes and for encouraging synergies and cross-cutting work between programmes. Main duties involved:

- Convening and chairing monthly senior staff meetings to exchange information, review existing programme activities, consider new directions and opportunities; etc.
- Development and maintenance of database of all programme activities (budgets, timetables, outputs, etc);
- Advising and supporting programme directors, as needed, on strategic directions.

Established IIED Field Services in 1998 to provide technical support to development cooperation agencies. Major initiatives undertaken included:

- Directed programme assessing environmental issues concerned with the Bangladesh Flood Action Plan (1990-94) – had major influence on donor thinking and reactions to the proposed plan.
- Established and managed, for the OECD Development Assistance Committee, the *International Environmental and Resource Assessment Information Service* (INTERAISE) (a collaborative project with WRI and IUCN), involving developing a documentation centre at IIED and publishing (every two yrs) a Directory of Country Environment Studies (1990-1996);
- Preparation of environmental profiles for a range of countries, and the provision of institutional support to government agencies (1991-92);
- Managed environmental impact assessments of major projects for the International Fund for Agricultural Development (IFAD) and the Commonwealth Development Corporation (1989);
- Developed peer-reviewed, worldwide database network of sustainable development experts (1988-1992);
- Established (1988) a Resource Centre Scheme arrangement between UK Overseas Development Administration (now DFID) and IIED (continued to 1998), directly undertaking or managing evaluations and appraisals of over 200 projects and programmes worldwide; and acting regularly as an in-house environmental advisor to the ODA;

Provincial Soil Surveyor, Eastern Province, Zambia
(NORAD appointment) (Aug 1980 - Dec 1985).

- Supervision of all provincial soil and land capability surveys for a wide range of agricultural and rural development purposes, including: crop production schemes (rainfed and irrigated, commercial and smallholder); resettlement schemes; and district and regional planning.
- Research on the development of a methodology for a long-term national systematic reconnaissance soil survey programme, primarily using a landscape analysis technique based on a new Geomorphic Legend for Zambia. Experimental application of the methodology in the Mtetezi River Area for soil survey, and test usage of the Geomorphic Legend in the Luangwa Valley for zoning for resource assessment.
- Evaluation of the feasibility of proposed state farms, integrated rural development projects and settlement schemes.

- Provision of advice to government, provincial authorities and visiting agricultural consultants on rural development strategies, crop suitability, irrigation potential and erosion and deforestation control.
- Provision of guidance and training to counterpart professional and technical soil survey staff and planning officers in survey techniques, project feasibility assessment and report preparation.
- Advising the Zambian government on the impact on agriculture, wildlife and rural communities of the proposed rail link between Chipata and the TAZARA railway.
- Personal Environment Advisor to H.E. President Kenneth Kaunda (1983-1985).

National Farmers' Union, England (East Sussex and Kent County Branches)
Assistant Counties' Secretary (1975-77), Deputy Counties' Secretary (1977-80)

The NFU represents farmers and growers in England and Wales in negotiations with government and the EC on all matters relating to agriculture. It also liaises with a wide variety of public and statutory authorities, official bodies and interest groups. In addition to general duties concerned with the administration of the East Sussex and Kent County Branches, Dr Dalal-Clayton specialised in technical aspects of agriculture and land use. He was involved in:

- servicing a range of technical and commodity committees, covering land drainage, parliamentary affairs, cereals, milk production, livestock and wool, employment and agricultural education, and publicity;
- the preparation of detailed submissions in connection with the East Sussex and Kent County Structure Plans and participation in the examinations in public;
- advising on aspects of the irrigation, drainage and flood protection of agricultural land, and representing the agricultural industry on the Southern and Thames Water Authorities Liaison Committees;
- liaison with NGOs (eg, Countryside Commission, Nature Conservancy, etc) and environmental groups;
- editing both the "East Sussex Farmer" and the "Kent Farmer" - monthly journals.

Land Use Planning Officer, Zambia (1972-1975) (UK ODA Technical Cooperation Officer)

Duties involved:

- initiation, planning and development of rural resettlement schemes, intensive development zones, integrated rural development schemes;

- implementation of catchment conservation plans (soil erosion control, watershed road network development, reforestation, etc.); siting and construction of on-farm reservoirs for irrigation development;
- detailed soil surveys for large-scale irrigation projects (involving sugarcane and tobacco) and for rainfed crop production schemes; land use capability surveys for commercial farming and settlement schemes;
- environmental impact assessment of the Iteshi Teshi Dam, particularly effects on the wildlife and agricultural communities of the Kafue wetlands.

PUBLICATIONS

Dalal-Clayton D.B. and Sadler B (2017) A Methodology for Reviewing the Quality of Strategic Environmental Assessments in Development Cooperation. *Impact Assessment and Project Appraisal*. 35, 3, 257-267. DOI: 10.1080/14615517.2017.1322811 (<http://dx.doi.org/10.1080/14615517.2017.1322811>)

Dalal-Clayton D.B., Tarr P., Chambwera M., Keketso K. and Kedikilwe T. (2017) *Integrating Sustainable Development into National Development Planning: Key Considerations for Botswana*, UNDP-Botswana, Gaborone

Dalal-Clayton D.B., Bhutan SEA Focus Group, O'Farrell G. and Marsden E. (2016) *Preliminary Strategic Environmental Assessment of the Road Sector Master Plan (RSMP) with a special focus on the Lholam (Southern East-West Corridor Highway)*, Final Draft, 23 Nov 2016, National Environment Commission, Royal Government of Bhutan, Thimphu

Dalal-Clayton D.B. (2016) *National Guidelines for Strategic Environmental Assessment in Bhutan*, Final Draft, 8 Sept 2016, National Environment Commission, Royal Government of Bhutan, Thimphu

Hipondoka M.H.T., Dalal-Clayton D.B. and van Gils H. (2016, in press) Lessons Learned from Voluntary Strategic Environmental Assessments in Namibia, *Impact Assessment and Project Appraisal*

Dalal-Clayton D.B. and Tarr P. (2015) Using Rapid SEA to Influence National Planning in Namibia, *Impact Assessment and Project Appraisal*, 33, 4, 278-283

Dalal-Clayton D.B. and Chambwera M. (2015) *Pursuing sustainable development in Botswana: Linking long-term planning with the Sustainable Development Goals*. International Institute for Environment and Development and United Nations Development Programme - Botswana

Dalal-Clayton D.B. and Tarr P. (2015) *Sustainable Development Advisory Notes for Priority Development Sectors in Botswana: Mining, Agriculture, Energy, Tourism and Water*. Environment and Development Services – International, Southern African Institute for Environmental Assessment and United Nations Development Programme – Botswana.

Dalal-Clayton D.B. (2014) *Independent Review of the Environmental and Social Impact Assessment Report for the Tarjuwon Oil Palm Development Project, Liberia*, Report prepared for Global Witness. Environment and Development Services – International.

Dent DL and BD Dalal-Clayton (2014) Land resources information in dire straits. *Agriculture for Development* 23, 20-23

Dalal-Clayton D.B. and Hipondoka M. (2014) *Reviews of Five Strategic Environmental Assessments undertaken in Namibia*, (Vol 1: Review Reports; Vol 2: Appendices, Vol 3: Interview Records). Report to the Department of Environmental Affairs, Ministry of Environment and Tourism, Namibia. International Institute for Environment and Development, London, and University of Namibia, Windhoek. (draft: April 2014)

Dalal-Clayton D.B., Mathema A., Bhadra C., Milledge S., Nhantumbo I., Chetri R. and Pradhan K. (2014) *Strategic Environmental and Social Assessment of Nepal's REDD+ Strategy*, Report to REDD Cell, Ministry of Forests and Soil Conservation, Kathmandu, Nepal (Draft April 2014)

Dent D. and Dalal-Clayton D.B (2014) *Meeting the Need for Land Resources Information in the 21st Century – or Not*. Environmental Governance Series No. 8. International Institute for Environment and Development, London

Dalal-Clayton D.B. and Sadler B. (2014): *Sustainability Appraisal: A Sourcebook and Reference Guide to International Experience*. Earthscan Publications/Routledge.

Dalal-Clayton D.B. and Tarr P. (2014) *Rapid Strategic Environmental Assessment of the Fourth National Development Plan and Associated Policies and Strategies*. Report to the Department of Environmental Affairs, Ministry of Environment and Tourism, Namibia. International Institute for Environment and Development, London, and Southern Africa Institute for Environmental Assessment, Windhoek.

Dodman D., Dalal-Clayton D.B. and McGranahan G. (2013) *Integrating the Environment in Urban Planning: Key Principles and Approaches for Cities in the 21st Century*, United Nations Environment Programme, Paris

Dalal-Clayton D.B.. (2013) *Turning Green the Strategic Way: The Role and Potential of Strategic Environmental Assessment in Securing a Green Economy*. Environmental Governance Series No. 7. International Institute for Environment and Development, London

Swanson D., Esche A., Garcia-Schmidt A., Berger G., King P., Tulsie B., Niestroy I., Antonio A., and Dalal-Clayton D.B. (2012) *Strategies for Sustainable Development: Meeting the Challenges of the Post Rio+20 World*. Draft Issues Paper prepared for the first International workshop of the United Nations Office for Sustainable Development (UNOSD), (Strengthening Planning and Implementation Capacities for Sustainable Development in Post Rio+20 Context) November 14-16, 2012, Incheon, Korea (available at: <http://www.unosd.org/index.php?page=view&type=13&nr=8&menu=177>)

Dalal-Clayton D.B. (2012) *Environmental Mainstreaming and SEA in Nepal*. Keynote presentation to Conference on Towards a Green Economy in Mozambique, Tanzania and Kenya, and the Role of Strategic Environmental Assessment. Maputo, Mozambique. April 23rd to 27th, 2012. Wwf, East Africa Office, Nairobi.

Dalal-Clayton D.B. (2012) *Environmental Mainstreaming: Plugging the Gap in Sustainable Development*. Commentary for Research Watch, UNICEF. Available at <http://www.unicef-irc.org/research-watch/Post-2015--What-Next-/901/>

Khadka R.B., Dalal-Clayton D.B., Mathema A. and Shrestha P. (2012) *Safeguarding the Future, Securing Shangri-La: Integrating Environment and Development in Nepal – Achievements, Challenges and Next Steps*. Environmental Governance Series No. 6, International Institute for Environment and Development (available at www.environmental-mainstreaming.org)

Dalal-Clayton D.B. and Bass S. (2011) Environmental Mainstreaming - A Key Lever for a Green Economy: Challenges and Approaches. Pp 109-115, *Eurasia Economic Review* 01/2011. Also available as Briefing Note. IIED (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Briefing%20Note%20\(31%20May%202010\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Briefing%20Note%20(31%20May%202010).pdf))

Pope J. And Dalal-Clayton D.B. (2011) From SEA to Sustainability Assessment ? pp 547-565 in: Sadler B., Aschemann R., Dusik J., Fischer T.B., Partidario M.R. and Verheem R. (eds) *Handbook on Strategic Environmental Assessment*, Earthscan Publications, London

Dalal-Clayton D.B. and Bass S. (2010) *Environment Inside*. First version of on-line resource on tools and approaches to environmental mainstreaming (available at www.environmental-mainstreaming.org).

Dalal-Clayton D.B. and Bass S (2009) *The Challenges of Environmental Mainstreaming*. Environmental Governance Series No.1, International Institute for Environment and Development (available at www.environmental-mainstreaming.org)

Sadler B. and Dalal-Clayton D.B. (2009) *Generic SEA Quality Review Methodology*. Proposal developed under commission to the Canadian International Development Agency and presented to the OECD DAC Task Team on SEA.

Dalal-Clayton D.B. (2009) *Environmental Impact Assessment*. Profiles of Tools and Tactics for Environmental Mainstreaming, No.1, International Institute for Environment and Development, London (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%201%20-%20EIA%20\(6%20Oct%2009\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%201%20-%20EIA%20(6%20Oct%2009).pdf))

Dalal-Clayton D.B. (2009) *Strategic Environmental Assessment*. Profiles of Tools and Tactics for Environmental Mainstreaming, No.2, International Institute for Environment and Development, London (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%202%20-%20SEA%20\(6%20Oct%2009\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%202%20-%20SEA%20(6%20Oct%2009).pdf))

Dalal-Clayton D.B. (2009) *Environmental Management Systems*. Profiles of Tools and Tactics for Environmental Mainstreaming, No.5, International Institute for Environment and Development, London (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%205%20-%20EMS%20\(6%20Oct%2009\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%205%20-%20EMS%20(6%20Oct%2009).pdf))

Dalal-Clayton D.B. (2009) *Participatory Geographical Information Systems*. Profiles of Tools and Tactics for Environmental Mainstreaming, No.7, International Institute for Environment and Development, London (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Profiles%20No%207%20-%20Participatory%20GIS%20\(6%20Oct%2009\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Profiles%20No%207%20-%20Participatory%20GIS%20(6%20Oct%2009).pdf))

Dalal-Clayton D.B. (2009) *National Sustainable Development Strategies*. Profiles of Tools and Tactics for Environmental Mainstreaming, No.8, International Institute for Environment and Development, London (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%208%20-%20NSDS%20\(5%20Oct%2009\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%208%20-%20NSDS%20(5%20Oct%2009).pdf))

Dalal-Clayton D.B. (2009) *Scenario Planning*. Profiles of Tools and Tactics for Environmental Mainstreaming, No.9, International Institute for Environment and Development, London (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%209%20-%20Scenario%20Planning%20\(6%20Oct%2009\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%209%20-%20Scenario%20Planning%20(6%20Oct%2009).pdf))

Dalal-Clayton D.B. (2009) *Indicators*. Profiles of Tools and Tactics for Environmental Mainstreaming, No.10, International Institute for Environment and Development, London (available at: [http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%2010%20-%20Indicators%20\(20%20November%2009\).pdf](http://www.environmental-mainstreaming.org/documents/EM%20Profile%20No%2010%20-%20Indicators%20(20%20November%2009).pdf))

Aongola L. Bass S., Chileshe J., Daka J., Dalal-Clayton D.B., Liayo i., Makumba j., Miambolwa m., Munyinda K., Munyinda N., Ndopu D., Nyambe I., Pope A, and Sichilongo M. (2009): *Creating and Protecting Zambia's Wealth: The Potentials and Experiences of environmental Mainstreaming* IIED with the Ministry of Finance and Planning and the Environmental Council of Zambia

Dalal-Clayton D.B (2009,) *Improving National Sustainable Development Strategies: The Experience of Peer Review*. Environmental Planning Issues No.28, IIED

Dalal-Clayton D.B. and Wilson E. (2008): *A Sustainable Future for the Polar Regions*:. Briefing Paper, IIED, London (April 2008)

Gouzée N., De Dixmude A.J., Berabdallah B., Berheim T., Brodhag C., Dalal-Clayton D.B. and Verbrugge g. (2007) *Stratégie Nationale de Développement Durbale: Orientations pur la mise en oeuvre d'une Revue par les Pairs d'une Stratégie Nationale de Développement Durable: Guide Pratique*. Institut de l'Énergie et de l'Environnement de la Francophonie et l'Organisation Interanationale de la Francophonie, Québec.

Dalal-Clayton D.B. (2007): *Sustainable Development Strategies: International Experiences and Polar Challenges*. Paper presented at Conference on "Polar Regions: Opportunities and Challenges", organised by the UK Foreign & Commonwealth Office, Wilton Park, England, 1-4 October 2007

Dalal-Clayton D.B. and Krikhaar F (2007): *A New Sustainable Development Strategy: An Opportunity Not to be Missed. Report of a Peer Review of The Netherlands Sustainable Development Strategy*. Council for Research on Spatial Planning, Nature and the Environment (RMNO), The Hague (available at www.rmno.nl)

Gouzée N., de Dixmude A.J., Benabdallah B., Bernheim T., Brodhag C., Dalal-Clayton D.B. and Verbrugge G. (2007): *Stratégie Nationale de Développement Durable: Orientations pour la mise en oeuvre d'une revue par les pairs*. Organisation International de la Francophonie, Quebec, Canada.

Dalal-Clayton D.B. and Bass S. (2006) *A Review of Monitoring Mechanisms for National Sustainable Development Strategies*. Environmental Planning Issues No.27, IIED. Background Paper for OECD Workshop on National Strategies for Sustainable Development, Stockholm 31 Sept – 1st October, 2006. [also published as pp 95-135 in OECD (2007) *Institutionalising Sustainable Development*, OECD Sustainable Development Studies, OECD, Paris]

Dalal-Clayton D.B. (Tech Ed) (2006) *Good Practice Guidance on Applying Strategic Environmental Assessment in Development Cooperation*. OECD DAC Policy Guidance Document. Development Cooperation Committee, Organisation for Economic Cooperation and Development, Paris.

Dalal-Clayton D.B. (2006) *Sustainability Appraisal: Challenges, International Experience and Future Directions*. Theme Forum Key Note Presentation, Annual Meeting of the International Association for Impact Assessment, Stavanger, Norway, 23-26 May 2006

Dalal-Clayton D.B. (2005) *The French National Strategy for Sustainable Development: Report on a Peer Review and Shared Learning Process*. Ministry of Ecology and Sustainable Development, Paris. 24 March 2005 (available at www.nssd.net)

Dalal-Clayton D.B. (2005) *The French National Strategy for Sustainable Development: A Background Report (revised)*. Ministry of Ecology and Sustainable Development, Paris. 20 March 2005 (available at www.nssd.net)

Dalal-Clayton D.B. (2005) *A Proposed Options-Based Methodology for Shared Learning and Peer Review of National Strategies for Sustainable Development (NSDS)*. International Institute for Environment and Development. 19 March 2005 (available at www.nssd.net)

Dalal-Clayton D.B. and Sadler B. (2005): *Strategic Environmental Assessment: A Sourcebook and Reference Guide to International Experience*. International Institute for Environment and Development, London, OECD and UNEP in association with Earthscan Publications.

Dalal-Clayton D.B. and Sadler B. (2004): *Sustainability Appraisal: A Review of Experience and Practice. Draft* International Institute for Environment and Development, London (available at www.iied.org/spa)

Dalal-Clayton D.B. (2003): *The MDGs and Sustainable Development: the Need for a Strategic Approach*, pp 73-92 in Satterthwaite D (ed) "The Millennium Goals and Local Processes: Hitting the Target or Missing the Point", IIED, London

Dalal-Clayton D.B. (2003): *The EU Strategy for Sustainable Development: Process and Prospects*. Draft, IIED (available at www.nssd.net)

Dalal-Clayton D.B. (2003): *Frameworks and Strategies for Sustainable Development: UNDP Practice Note*, (available on www.undp.org)

Dalal-Clayton (2003): *National Strategies for Sustainable Development and the Opportunities for SEA*. EA Yearbook 2003. Institute of Environmental Management and Assessment, Lincoln and EIA Centre, University of Manchester.

Dalal-Clayton D.B. and Sadler B. (2003): *The Status and Potential of Strategic Environmental Assessment: An overview of SEA with a special focus on developing countries and countries in transition and its potential role as a key tool for strategies for sustainable development and poverty reduction*. Draft, International Institute for Environment and Development, London (available on www.iied.org)

Sadler B and Dalal-Clayton D.B. (March 2003): *Briefing Paper on Strategic Environmental Assessment*. UK Department for International Development, London (Draft)

Dalal-Clayton D.B. (2003): *Development and Implementation of National Sustainable Development Strategies: From Global Context to National Action*. Background paper for Learning Center on National Sustainable Development Strategies: CSD11, United Nations, New York, 5th May 2003

Dalal-Clayton D.B. and Child B. (2003): *Lessons From Luangwa: An Historical Review of the Luangwa Integrated Resource Development Project, Zambia*. Wildlife and Development Series No.13, IIED

Dalal-Clayton D.B. (2003): *Towards More Effective Strategies for Sustainable Development*. Paper presented at the 2nd Regional Government Conference for Sustainable Development, Kursaal Convention Center, Donostia – San Sebastian, Spain, 27 – 31 March 2003

Dalal-Clayton D.B. (2003): *Key Experiences in Preparing and Implementing Strategies for Sustainable Development and the Role of Participation*. Keynote Presentation to Symposium on Public Consultation, Organised by Conseil Fédéral du Développement Durable, Politique Scientifique Fédérale, Commission Interdépartementale du Développement Durable, and Service Public Fédéral de Programmation Développement Durable, International Trade Union House, Brussels, 26th March 2003.

Child B. and Dalal-Clayton D.B. (2003): *Transforming Approaches to CBNRM: Learning from the Luangwa Experience*. In McShane T.O. and M.P. Wells (eds): *Integrated Conservation and Development: Its Current State and Directions for the Future*, Columbia University Press, New York. Pp 33.

Dalal-Clayton D.B. and Bass S. (2002): *Strategies for Sustainable Development: Progress, Prospects and the Role of Strategic Impact Assessment*. Paper presented at the Conference on “Reshaping Environmental Assessment Tools for Sustainability”, Chinese University of Hong Kong, Shatin, Hong Kong, 8 – 13 December 2002

Dalal-Clayton D.B., Swiderska, K and Bass S (eds) (2002): *Stakeholder Dialogues on Sustainable Development Strategies: Lessons, Opportunities and Developing Country Case Studies*. Environmental Planning Issues No 26, IIED, London. [ISBN 1 84369 288 0]

Bass S. and Dalal-Clayton D.B. (2002): *Research Partnerships in Sustainable Development Strategies: Filling the Wide Knowledge Gap in PRSPs and NSDSs*. Opinion Paper for IIED/RING in association with UNDP’s Poverty and Environment Initiative. IIED, London

Dalal-Clayton D.B. (2002): *Strategies, Plans, Impacts and People: IIED’S role in Changing the World of Planning and Environmental Assessment*. In Cross N (ed) *Evidence for Hope: The Search for Sustainable Development*, pp 189-203, Earthscan Publications, London [ISBN: 1 – 85383-855-1]

Bass, S and Dalal-Clayton, D.B. (2002): *Bridging the Knowledge Gap in SD Strategies: Research Partnerships for Sustainable Development*. Opinion paper for the World Summit on Sustainable Development, July 2002, International Institute for Environment and Development, London. In association with the Regional and international Networking Group (RING) [http://www.iied.org/wssd/pdf/27_RPSD_Strategies_for_SD.pdf]

Dalal-Clayton D.B. (2002): *Evolving Approaches to Sustainable Development Strategies*. Paper presented at international conference "Beyond the Review: Sustainable Development and PRSP - Challenges for Developing Countries and Development Cooperation", 13-16 May 2002, GTZ, Bonn (available on www.gtz.de/poverty-conference)

- Dalal-Clayton D.B. and Bass S. (2002) *Recent Progress on Strategies for Sustainable Development*. Paper presented at the annual meeting of the International Association for Impact Assessment 15-21 June 2002, Netherlands Congress Center, The Hague
- Dalal-Clayton D.B., Dent D.L. and Dubois O. (2002): *Rural Planning in Developing Countries*. Earthscan Publications, London, pp 240 [ISBN 1 85383 939 6]
- Dalal-Clayton D.B. and Bass S. (2002): *Sustainable Development Strategies: A Resource Book*. Organisation for Economic Cooperation and Development, Paris, and United Nations Development Programme, New York. in association with Earthscan Publications, London. pp c.400 (ISBN: 1 85383 947 7)
- Bass S., Dalal-Clayton D.B. and Davis A. (2002): *National Strategies for Sustainable Development: New Thinking and Time for Action*. Opinion paper for the World Summit on Sustainable Development, Jan 2002, International Institute for Environment and Development, London. (www.iied.org/pdf/wssd-098-nssd.pdf)
- Dalal-Clayton D.B.. & Dent.D.L. (2001. *Knowledge of the Land: Land Resources Information and its use in Rural Development*. Oxford University Press [ISBN 0 19 829601 0]
- Dalal-Clayton D.B. (2001): *Development of the OECD DAC Resource Book for Strategies for Sustainable Development*. pp 191-200 in *National Sustainable Development Strategies: Global Perspectives*. Vol. II: Expert Papers Presented to International Forum on National Sustainable Development Strategies, 7-9 November 2001, Accra, Ghana. Department of Economic and Social Affairs, United Nations, New York
- Bass S. and Dalal-Clayton D.B. (2001): *Strategies for Sustainable Development: Meeting the Challenge*. Opinion Piece for the World Summit on Sustainable Development, IIED, June 2000, London
- Dalal-Clayton D.B. and Bass S (2000): *National Strategies for Sustainable Development: The Challenge Ahead*, IIED, London
- Dalal-Clayton, D.B., Dent D.L. and Dubois O. (2000): *Rural Planning in the Developing World with a Special Focus on Natural Resources: Lessons Learned and Potential Contributions to Sustainable Livelihoods: An Overview*. Report to UK Department for International Development. Environmental Planning Issues No.20, IIED, London [ISBN: 1 899825 73 8]
- Dalal-Clayton D.B. & Sadler B. (1999). *Strategic Environmental Assessment: A Rapidly Evolving Approach*. Environmental Planning Issues No. 18, IIED, London [ISBN: 1 904035 33 7]
- Kikula I., Dalal-Clayton D.B., Comoro C. and Kiwasila H. (1999): *A Framework for District Participatory Planning in Tanzania, Vol.1*. Report prepared by the Institute of Resource Assessment of the University of Dar es Salaam, and the International Institute for Environment and Development, London. Ministry of Regional Administration and Local Government and the United Nations Development Programme (UNDP), Tanzania.
- Dalal-Clayton D.B., with Hughes R (1999): *Environmental Assessment in Developing Countries*. EIA Newsletter, 17, 3-4. EIA Centre, Department of Planning & Landscape, University of Manchester.
- Dalal-Clayton D.B. (1998). *Recent Experience with Green Plans and Sustainable Development Strategies*. In: *Environmental Assessment*, 6, 1, 17-18.
- Dalal-Clayton D.B., Bass S., Robins N. & Swiderska K. (1998): *Rethinking Sustainable Development Strategies: Strategic Analysis, Debate and Action for Sustainable Development*. Environmental Planning Issues No. 24, IIED.
- Donnelly A, Dalal-Clayton D.B. & Hughes R. (1998): *A Directory of Impact Assessment Guidelines*. 2nd edition. Environmental Planning Group, IIED. [ISBN: 1 899825 11 8]

Dalal-Clayton D.B. and Sadler B. (1998): *Strategic Environmental Assessment in Developing Countries: Experience and Prospects*. IIED.

Koziell I., Dalal-Clayton D.B., Fabricius C. and Hughes R. (1998): *Participatory Biodiversity Conservation in Brazil and Indonesia: A Comparative Review of Practical Experience in Two DFID-Supported Projects*, IIED, London

Dalal-Clayton D.B. (1997). The Geometry of Land Degradation in Southern Africa. *The Land*, Vol.2.

Warner M., Croal, P., Dalal-Clayton D.B. and Knight J. (1997). Environmental Impact Assessment Software in Developing Countries: A Health Warning. *Project Appraisal*, 12, 2, 127-130.

Roe D. Leader-Williams N. and Dalal-Clayton D.B. (1997): *Take Only Photographs, Leave Only Footprints: The Environmental Impacts of Wildlife Tourism*. Wildlife and Development Series No.10. IIED. [ISSN: 1361 8628]

Dalal-Clayton D.B. (1997): *Southern Africa Beyond the Millenium: Environmental Trends and Scenarios to 2015*. Environmental Planning Issues No.13, IIED, London. [ISBN: 1 84369 049 7]

Dalal-Clayton D.B. (1996): *Great Expectations: Green Planning in Industrial Countries*. Paper Presented at the International Conference: "The Environment in the 21st Century: Environment, Long-Term Governability and Democracy". Abbaye de Fontevraud, France, 8-11 September, 1996. [ISBN: 1 84369 046 2]

Dalal-Clayton D.B. (1996). *Getting to Grips with Green Plans: National-Level Experience in Industrial Countries*. Earthscan Publications, London.[ISBN: 1 85383 428 9]

Dalal-Clayton D.B. (1996): Synthesis of Presented Papers to Working Group No.1 on "National Capacity in Environment at the Policy and Planning Level", OECD DAC Workshop on Capacity Development in Environment (CDE), 4-6 December 1996, Rome.

Dalal-Clayton D.B. (1995): *Environment and Ecology in Southern Africa: Current Trends and Scenarios to 2015*: Report to Swedish International Development Cooperation Agency (SIDA).

Mwalyosi R.B., Mohamed S., Hughes R. & Dalal-Clayton D.B. (1995): *Environmental Assessment in Tanzania: A Needs Assessment for Training*. Research Paper No.36, Institute of Resource Assessment, University of Dar es Salaam; and Environmental Planning Issues No.9. IIED, London. [ISBN: 1 84369 045 4]

Bass, S. & Dalal-Clayton, D.B. (1995). *Small Island States and Sustainable Development: Strategic Issues and Experience*. Environmental Planning Issues, IIED [ISBN: 1 84369 044 6]

Dalal-Clayton D.B. & Bass S. (1995). *National Sustainable Development Strategies*. EC Aid and Sustainable Development Briefing Paper No.2. January 1995, IIED.

Dalal-Clayton D.B. & Bass S. (1995). *What is Sustainable Development ?* EC Aid and Sustainable Development Briefing Paper No. 4. IIED.

Roe D., Dalal-Clayton D.B. & Hughes R. (1995): *A Directory of Impact Assessment Guidelines*. Environmental Planning Group, IIED.[ISBN: 0 905347 99 4]

Bass, S., Dalal-Clayton, D.B. & Pretty, J. (1995). *Participation in Strategies for Sustainable Development*. Environmental Planning Issues No.7, IIED. [ISBN: 1 84369 043 8].

Dalal-Clayton D.B. (1995) *Aid and Development*. Encarta CD-Rom Encyclopaedia. English Language edition. Microsoft-Websters Multimedia. UK.

Koziell, I., Moorehead, R., Dalal-Clayton, D.B., Lane C., Mayers, J. & Eaton, D. 1994). *Whose Eden: An Overview of Community Approaches to Wildlife Management*, IIED. [ISBN: 0 905347 74 9]

Dalal-Clayton, D.B. (1994). *The History of the Sustainable Development Concept*. In: Kvaloy F (Ed.) "Proceedings of the Workshop on Sustainable Development Strategies", Oslo, 7-8 June 1994, pp 5-11. Department of Development Coordination Programmes, Ministry of Foreign Affairs, Oslo.

Carew-Reid, J., Prescott-Allen R., Bass S. & Dalal-Clayton, D.B. (1994). *Strategies for National Sustainable Development: A Handbook on the Preparation and Implementation*. IIED and IUCN, in association with Earthscan Publications, London.[ISBN: 1 85383 193 X]

Dalal-Clayton, D.B., Bass, S., Thomson, K., Sadler, B., Robins, N. & Sandbrook, R. (1994): *National Sustainable Development Strategies: Experience and Dilemmas*. Environmental Planning Issues No. 6. IIED, London. [ISBN: 1 84369 042 X]

Stone P. & Dalal-Clayton D.B. (eds) (1994): *Environmental Synopsis of Indonesia*. Overseas Development Administration, London.

Hughes, R., Adnan, S. & Dalal-Clayton D.B (1994): *Floodplains or Flood Plans: A Review of Approaches to Water Management in Bangladesh*. International Institute for Environment and Development, London; and Research and Advisory Services, Dhaka, Bangladesh. [ISBN: 1 84369 054 3]

Dalal-Clayton, D.B. & Dent D.L. (1993): *Surveys, Plans and People: A Review of Land Resource Information and its Use in Developing Countries*. Environmental Planning Issues No.2, IIED, London.(ISBN: 1 84369 038 1]

Kauzeni, A.S., Kikula, I.S., Mohamed, S.A., Lyimo J.G. & Dalal-Clayton D.B. (1993): *Resource Assessment and Land Use Planning in Tanzania: A Case Study*. Environmental Planning Issues No. 3, Environmental Planning Group, IIED; and Research Paper No.35, Institute of Resource Assessment, University of Dar es Salaam, Tanzania. [ISBN: 1 84369 039 X]

Dalal-Clayton, D.B. & Robinson D.A. (1993): *The Experimental Use of Correspondence Analysis to Assess the Relationship Between Soils and Geomorphology in Eastern Zambia*. Catena. Vol. 20, 141-160.

Dalal-Clayton, D.B., Bass S., Thomson K. & Sandbrook R. (1993): *National Sustainable Development Strategies: A Country-Level Mechanism for Implementing Agenda 21*. Paper presented at the UNDP Regional Workshop on Implementing Agenda 21, 20-23 January 1993, Abuja, Nigeria.

Dalal-Clayton, D.B. & Robinson D.A. (1992): *An Assessment of the Success of a Geomorphologically Based Reconnaissance Soil Survey in Eastern Zambia*. Geoderma, 5, 1-18.

Dalal-Clayton, D.B. (ed) (1992): *An Assessment of the Environmental Impact of the Kilombero Valley Hardwood Project, Tanzania* (A Commonwealth Development Corporation Proposal). Prepared for UK ODA. International Institute for Environment and Development (London) and Institute for Resource Assessment (Tanzania), 177 pages.

Dalal-Clayton, D.B. (1992): *Modified EIA and Indicators of Sustainability: First Steps Towards Sustainability Analysis*. Paper presented to the Twelfth Annual Meeting of the International Association for Impact Assessment, CAPut!'-22 August, Washington, D.C. (Republished as Environmental Issues No.1, IIED, 1993) [ISBN: 1 84369 037 3]

Sandbrook, R., Dalal-Clayton, D.B., Bass, S. & Holmberg, J (1992): *Some Implications of UNCED for the DAC and Some Suggested Actions*. An informal paper presented to members of the OECD Development Assistance Committee Working Party on Development Assistance and Environment, at its Session on May 6/7th, 1992, Paris.

- Stone,P. & Dalal- Clayton, D.B. (Eds) (1992): *Environmental Synopsis of Ghana*. Overseas Development Administration, London.
- Stone,P. & Dalal- Clayton, D.B. (Eds) (1992): *Environmental Synopsis of Pakistan*. Overseas Development Administration, London.
- Stone,P. & Dalal- Clayton, D.B. (Eds) (1992): *Environmental Synopsis of Sri Lanka*. Overseas Development Administration, London.
- Stone,P. & Dalal- Clayton, D.B. (Eds) (1992): *Environmental Synopsis of Uganda*. Overseas Development Administration, London.
- Stone,P. & Dalal- Clayton, D.B. (Eds) (1992): *Environmental Synopsis of Zimbabwe*. Overseas Development Administration, London.
- Dalal-Clayton, D.B. (1991): *Experimenting in Luangwa*. IIED Perspectives. No.5 1990/1. International Institute for Environment and Development, London.
- Dalal-Clayton D.B. (1991) *Confessions of a Reconstructed Planner*. RRA Notes, Issue 11, pp22-24, International Institute for Environment and Development, London
http://www.planotes.org/documents/plan_01101.pdf
- Dalal-Clayton, D.B. (1991): *Environmental Impact Assessment and its Relevance to the SADCC Region*. Paper presented at the SADCC Seminar on Applied Research in Conservation and the Environment, 1-4 October, Gaborone, Botswana.
- Dalal-Clayton, D.B. (1990): *Environmental Aspects of the Bangladesh Flood Action Plan*. Issues Series No.1, Sustainable Agriculture Programme of the International Institute for Environment and Development, London.
- Dalal-Clayton, D.B.(Ed) (1989): *A Rapid Environmental Appraisal of Two IFAD-Funded Projects: The Orissa Tribal Development Project (India), and the Chitral Area Development Project (Pakistan)*. International Institute for Environment and Development, London.
- Dalal-Clayton, D.B. (1988): *Wildlife Working for Sustainable Development. Lessons from Zambia's Luangwa Valley*. Gatekeeper Series No. 9, International Institute for Environment and Development, London.
- Dalal-Clayton, D.B. (1988): *The Construction and Critical Appraisal of Reconnaissance Soil Mapping: A Geomorphic- and Soil Taxonomy-Based Approach in Eastern Zambia*. D.Phil. Thesis. University of Sussex.
- Dalal-Clayton, D.B. (1988): An Historical Review of Soil Survey and Soil Classification in Tropical Africa. *Soil Survey & Land Evaluation*. Vol.8, No.3., pp 138-160.
- Dalal-Clayton, D.B. (1987): *A Systematic Reconnaissance Soil Survey of the Mtetezi River Area, Eastern Province (Sheet 1332 NW Quarter)*. Mt Makulu, Zambia.
- Dalal-Clayton, D.B., English, C., Williams, G.J. & Spaargaren, O.C. (1985): *A Geomorphic Legend for Zambia*. Technical Guide No.15, Soil Survey Unit, Mt Makulu, Zambia.
- Dalal-Clayton, D.B. (1984): The Development of Soil Survey in Zambia. *Soil Survey & Land Evaluation*, Vol 4, No.1, 18-23.
- Dalal-Clayton, D.B. & Oscarsson, G. (1984): *The Luangwa Development Project: A Proposal for Regional Development and Resource Conservation in the Luangwa River Catchment*. in Dalal-Clayton, D.B. (Ed): "Procs. Lupande Development Workshop", pp 105-121. Govt. Printer, Lusaka, 1984.

- Dalal-Clayton, D.B.(Ed) (1984): *Proceedings of the Lupande Development Workshop (An Integrated Approach to Land Use Management in the Luangwa Valley)*. Govt. Printer, Lusaka, Zambia.
- Dalal-Clayton, D.B., Magai, R.N. & Veldkamp, W.J. (1984): *Preliminary Land Classification and Land Evaluation in Lupande Game Management Area (South)*, in Dalal-Clayton, D.B. (Ed): "Procs. Lupande Development Workshop", pp 29-48. Govt. Printer, Lusaka, 1984.
- Dalal-Clayton, D.B. (1983): *A Reconnaissance Soil Survey of Chipangali State Farm, Eastern Province, Zambia*. Mt Makulu, Zambia.
- Dalal-Clayton, D.B. (1982): *Semi-Detailed and Detailed Soil Surveys in part of Mtirizi State Farm, Eastern Province, Zambia*. Mt Makulu, Zambia.
- Dalal-Clayton, D.B. (1982): *Detailed Soil Survey of the Mpongwe Development Project, Phase II Extension, Copperbelt Province, Zambia*. Soil Survey Rep.92. Mt Makulu, Zambia.
- Dalal-Clayton, D.B. (1982): *Semi-Detailed Soil Survey of Solwezi State Farm, North Western Province, Zambia*. Soil Survey Rep.90. Mt Makulu, Zambia.
- Dalal-Clayton, D.B. (1982): *Semi-Detailed Soil Survey of the Chakufuma Area, North Western Province, Zambia*. Soil Survey Rep. 89. Mt Makulu, Zambia.
- Dalal-Clayton, D.B. (1982): *Semi-Detailed Soil Survey of Kambilombilo State Farm, Copperbelt Province, Zambia*. Soil Survey Rep.87. Mt Makulu, Zambia.
- Dalal-Clayton, D.B. (1981): *The Sandveldt Soils of Zambia and Some Management Considerations*. Paper presented at the Fifth Annual Meeting of the Soil Sci. Soc. E.Africa, Nakuru, Kenya.
- Dalal-Clayton, D.B. (1981): *Blacks Dictionary of Agriculture*. A & C Black, London. Second revised edition, 1985.
- Clayton, D.B. (1977): *Investigations into the Nature and Distribution of the Sandveldt Soils of the Central Province, Zambia, with Observations on their Land Use Potential*. MSc. Thesis. University of Durham. [Republished as Soils Bulletin No.6, Mt Makulu, Zambia. 1980]
- Clayton, D.B. (1975): *The Sandveldt Soils of Central Province, Zambia*. Soil Survey Rep.32. Mt Makulu, Zambia.
- Clayton, D.B. (1975): *Semi-Detailed Soil Survey of Mukonchi East Tobacco Scheme, Central Province, Zambia*. Soil Survey Rep.21. Mt Makulu, Zambia.
- Clayton, D.B. & Njos, A. (1974): *Soil Investigations in the Luangwa Valley National Park, Northern Province, Zambia*. Mimeo. Mt Makulu, Zambia.
- Clayton, D.B. (1974): *Detailed Soil Survey of the Mungu River Resettlement Area, Central Province, Zambia*. Soil Survey Rep.15, Mt Makulu, Zambia.
- Brammer, H. & Clayton, D.B. (1973): *Detailed Soil Survey of Nakamabala Sugar Estate, 2nd Extension, Southern Province, Zambia*. Soil Survey Rep.10, Mt Makulu, Zambia.
- Brammer, H. & Clayton, D.B. (1973): *Detailed Soil Survey of Sesheke Research Station, Western Province, Zambia*. Soil Survey Rep.9, Mt Makulu, Zambia.
- Brammer, H. & Clayton, D.B (1973): *Detailed Soil Survey of Kataba Valley Research Station, Western Province, Zambia*. Soil Survey Rep.8, Mt Makulu, Zambia.

Clayton, D.B. (1970): "Have Cushion, Will Travel", Report of Durham University Expedition to Dj. Toubkal, Morocco, *J. Biol. Soc.*, Vol XV11.