

Curriculum Vitae

Name	Christopher P.A. Bennett
Nationality	British
Job Fields	<i>Decentralized Governance of Natural Resource & Environmental Management Policy & Institutional Development of Forestry and Agroforestry Resources Landscape-based approaches for rural development Spatial Planning Strategic Environmental Assessment (SEA) Project Monitoring & Evaluation for Timely Responses (METR)</i>
Countries of Work Experience	Indonesia, Honduras, Canada, Laos, Malaysia, China, India, Ethiopia, Tanzania
Employment History	
Donor Agencies	Millenium Challenge Corporation, World Bank, Asian Development Bank, FAO, ITTO; Danida, CIDA, DfID, GIZ, USAID, KIT
NGOs	Ford Foundation, Smart Wood (Rainforest Alliance), Cultural Survival Enterprises, Conservation International (CI), The Nature Conservancy (TNC), Birdlife International, Rainforest Foundation of Norway, Flora & Fauna International
Private Companies	Abt, Agrico, Agrifor, Agrotec SpA, Agricultural Development Services, Associates in Rural Development Bureau Veritas, Cambridge Resources International, Development Alternatives Inc., IDSS, Landell Mills Ltd., LTSI, Natural Resources International, Nathan Associates, Osana, Van Zorge Heffernan & Associates, Winrock International
Research Institutions	National Renewal Energy Laboratory (NREL), Centre for South East Asia Research (University of British Columbia), Centre for International Forestry Research (CIFOR), Harvard Institute for International Development (HIID)
Permanent Position	<i>Adjunct Professor</i> , Faculty of Land & Food Systems, University of British Columbia (UBC), MacMillan Bldg, Vancouver, B.C., V6T 1Z4, Canada. Tel: +1 604 822 0181; Fax - 822 2184 <i>Faculty Associate</i> , Centre for South East Asia Research, UBC, Room #221 – 1855 West Mall, Tel: +1 604 822 6213; email c.bennett@ubc.ca

EDUCATION AND QUALIFICATIONS (U.K.)

University of Exeter 1972 – 1973	M.Sc. Plant Pathology
University of Salford 1969 – 1972	B.Sc. Joint Honours (2.1) in Botany & Biochemistry
Southampton Technical College 1968	'A' level Chemistry (D)
Sutton Valence School 1963 – 1968	'A' levels - Botany (C) & Zoology (D) 'O' levels - Biology, Chemistry, Mathematics, Geography, French, English Literature, English. Use of English and General Papers

Language Proficiency	<u>Fluency (/5)</u>	<u>Writing (/5)</u>
English	5	5
Indonesian	5	4
Spanish	4	4
French	5	4
Minangkabau	3	2

PROFESSIONAL HISTORY

A. LONG TERM ASSIGNMENTS

University of British Columbia (UBC), 2004 - 2016

Adjunct Professor, Food and Resource Economics Group, Faculty of Food and Land Systems, and

Faculty Associate, Centre for South East Asia Research, 3 months per year

- Teaching undergraduate and graduate economic development courses and a course on aid effectiveness, “*Project Monitoring and Evaluation for Timely Responses (METR)*”, taught at UBC and as a Summer Field Course in Indonesia
- Mentoring and placing student interns in Indonesia for voluntary service and arranging reciprocal student visits
- Establishing ties between Indonesian research and development institutions and the UBC Centre for South East Asia Research (CSEAR)

Millennium Challenge Corporation (MCC), Indonesia, 2011 - 2015

Strategic Spatial Assessment Specialist under MCC / MCAI Green Prosperity Program

- Developing pragmatic and manageable landscape-based approaches to secure and safeguard US\$250 million of viable investments in renewable natural resources and renewable energy for rural development, facilitating synergies among them, through multi-sectoral initiatives that strengthen crucial social cohesion and reduce divisive social jealousy of those often excluded in typically-sectoral development approaches. Defining landscapes through a pragmatic balance between biophysical functions (e.g., manageable sub-watersheds) and administrative areas (e.g. clusters of villages in sub-Districts), distinguishing between operational unit sub-landscapes (OL) readily replicable across the wider development landscape (DL).
- Ensuring spatial certainty and equity (participatory village geo-location and natural resource management licensing transparency) as enabling conditions for village communities to adopt renewable energy supporting economic growth and development while sustaining poverty reduction.
- Stepwise, learning-by-doing implementation of the mutually-reinforcing interdependencies of environmental management and economic gains as the defining feature of green prosperity and core elements of a US\$15 million Green Knowledge program.
- Promoting socially-cohesive geo-sense based upon river basin (watershed) management to foster positive neighbourhood effects.
- Supporting REDD+ (indirectly) through increased recognition of rights, responsibilities, roles and inter-institutional relationships of village communities as a result of the above enabling conditions, emphasising all tangible and significant forestry land values.
- Contributing to the development of iterative Strategic Environmental Assessment (SEA) and impact-focused M&E that inform annual Multi-stakeholder Fora (MSF), thereby building a sense of shared ownership and responsibility

Development Alternatives Inc. (DAI), 2008 October – 2009 December

Environmental Governance Adviser, Environmental Services Program, (USAID – Coordinating Ministry of Public Health and Social Welfare, Indonesia)

In the Province of Papua, leading a multi-disciplinary national and international team to assist the Government of Papua province to prepare a 20-year spatial or landscape plan for 30 million hectares of land and coastal areas that was,

- consistent with national and regional policies, working closely with civil society organizations (CSOs), forging linkages between CSOs and local government as well as customary communities to, “Put the People of Papua in the Plan” by geo-location of their villages (an unconventional spatial planning approach nonetheless not inconsistent with national law).
- prepared by the regional planning agency (BAPPEDA) in an unconventional self-reliant and participative way, inviting collaboration horizontally with NGOs and sectoral agencies, and vertically “down” to District Governments as well as “up” to national spatial agencies.

In the Province of Aceh Nanggroe Darussalam (Aceh), assisting the Governor to translate his Aceh Green (Aceh Hijau) vision into economic-sensible and environmentally-sound reality as a basis for decision-making over future investments. One of the centrepieces, the framing of a simple charter for sustainable development that is widely understood and accepted.

Agrico (Anzdec), 2006 June – 2007 April

Team Leader and Natural Resource Management Specialist, Project for Natural Resource Management in a Decentralized Framework (ADB – Ministry of Home Affairs, Indonesia)

Team leader, 12-person team of consultants collaborating with national counterparts and regional partners,

- identification of strategic issues and underlying causes of environmental degradation (market, policy, institutional and capacity failures), followed by capacity building for improved assessment and planning of natural resource incorporating principles of good governance, and shared learning processes.
- Managing website development and publication of analytical papers, manuals and posters.
- Managing in international training tour for comparative learning.
- Particular attention to institutional realities, adopting as a project motto the advice from a regional partner wary of over-ambitious projects, "Thing big, start small" (see also, GTZ 2006 short-term consultancy, below).

World Bank, 2001 - 2003

Forestry Governance Adviser, Decentralised Forestry Governance and Watershed Management, World Bank Office Jakarta, Indonesia

- Identifying and developing strategic opportunities for World Bank support of good decentralized governance of forestry and agroforestry land management in Indonesia, from the national level to community participation in land management decision-making as well as village community co-management of public forestry land resources. Focus on benefits for the poor as well as the harnessing of the poor's human, social and knowledge capital towards sustainability goals. In short, "*Assets for the Poor ... the Poor as Assets*". Exploring ways to "bridge the institutional divides" that hinder such efforts.
- Mainstreaming forestry development principles in related projects on water resource management, conflict resolution, corruption control, agricultural extension, local community and district development.
- Preparing a decentralised upper catchment water resource protection project based upon community participation, emphasising lessons from past major watershed management projects in Indonesia.

Associates in Rural Development (ARD), June 1993 - June 1997

Forestry Policy Advisor, at the Ministry of Forestry and National Planning Agency, for Natural Resources Management Project,

- Policy Analysis and Dialogue. Establishing policy research and development teams in the Ministry of Forestry, interacting with NGOs, the private sector and local communities. Recommendations framed as policy options with expected outcomes, thereby allowing consideration of a wide range of informed choice by policy makers and avoiding "ultimatum" recommendations.
- Outcome-based Regulation of Forest Management by developing transparent, objective and simple indicators of forest health in natural and agro-forests to increase efficiency and to innovate while assuring adequate control by "stickholders".
- Rattan Resource Management, Trade and Equity. Analysing the impact of export and resource development policies rattan on the furniture industry, small-scale farmers and gatherers, traders and the sustainability of the resource itself.
- Forest Certification and Ecolabelling. Analysing the policy implications for Indonesia of increasing trends towards independent forest certification and the ecolabelling of forest products to encourage sustainable forest management. Promote the case for a voluntary system with deregulation incentives.
- Competitive Awards System for Applied Research. Establishment of a competitive awards system for applied forestry research in natural forest management, open to both government and non-government institutions.
- "Lessons without Borders". Contribute to USAID's "Lessons without Borders" initiative in Washington State, bringing insights from Indonesian experience relevant to natural resource management challenges in the U.S. such as the spotted owl conservation issue.

Department for International Development (DfID), U.K., January, July 1995 – 1999

Chairman, Project Coordinating Group, Inter-University Environmental Biotechnology Project: Biodiversity for Biotechnology Innovation, involving University of Kent (International Institute for Biotechnology) and three Indonesian Inter-University Centres at Bogor Agricultural Institute (IPB), Bandung Technology Institute (ITB),

and Gajah Mada University (UGM)

- Monitoring and evaluating achievements of research into mycorrhizas, dehalogenation of pollutants, applied microbial systematics, human disease diagnostics, and use of *Bacillus thuringiensis* (BT) for biological control of crop pests.
- Overseeing the Ph.D. training programme and a competitive awards scheme for research funding.
- Encouraging influence of project on policies of biosafety and intellectual property rights (IPR).
- Project review as preparation for post-project period.

Harvard Institute for International Development (HIID), July 1986 - December 1986; February 1987 - October 1987; June 1988 - December 1991; May - June 1992

Tree Crops Agriculturalist, at the Center for Policy and Implementation Studies (CPIS), Indonesia. Working on the following aspects of tree crop and spice agriculture (rubber, coconuts, coffee, cocoa, citrus, cloves, nutmeg, cinnamon, vanilla and pepper)

- Technological Change and Research-Extension Linkages (1991) Identifying indigenous farmer experiences and practices which provide indications of new approaches to raise productivity and farmer incomes.
- Indigenous Technology for Pest Control. Investigating low-input and farmer-devised measures to control pests and diseases of coconuts, coffee, citrus and pepper.
- Also, strengthening of policy-research-extension-farmer linkages to improve agricultural research.
- Seed Production and Distribution Policy (1990/91/92) Investigating policies for private investment in high yielding and genetically-diverse planting material for sale to smallholder farmers.
- Quality of Agricultural Produce (1988/89/92) Identifying policy constraints to raising the quality of smallholder produce.
- Deregulation of Agricultural Trade (1989/91/92) Member of a policy research team working on deregulation of tree crop commodities for export.
- Microfinance for Technological Change (1990/91) Investigating informal and formal credit mechanisms for smallholder tree crop cultivation and other rural enterprises. Particular focus on mobilisation of savings.
- Economic Use of Organic Fertilizers (1990/91) Assessing the economic agricultural value of compost produced in a recycling project for urban waste, in particular as a means of controlling disease and reducing pesticide usage.
- Agroforestry (1989) Resolving conflicts between forest conservation and tree crop cultivation.
- Tree Crop Farming Systems. Definition of the principal smallholder farming systems for rubber, coffee, coconuts and cloves in Indonesia.
- Cost-Benefit analysis of hybrid coconuts for cultivation under smallholder conditions.

Winrock International Institute for Agricultural Development (Winrock International), July 1984 - July 1986
Phytopathologist, Coconut Research Institute, Manado, Indonesia

- Developing a national research programme for coconut diseases and related laboratory establishment.

Overseas Development Administration (ODA), U.K., November 1981 - July 1984

Phytopathologist, Honduran Coffee Institute (IHCAFE), San Pedro Sula, Honduras

- Evaluation of low-volume spray techniques suitable for smallholders to control coffee rust disease.
- Distribution of low-volume spray equipment and related extension training.

Overseas Development Administration (ODA), U.K., March 1976 - November 1981

Phytopathologist, Research Institute for Industrial Crops (LPTI), Solok, Indonesia

- Detection of the cause of a mass decline of smallholder clove trees in Sumatra and related laboratory establishment.
- Investigation of clove diseases in Indonesia and Zanzibar.

B. SHORT TERM CONSULTANCIES *

Tetratech/ARD, * February 2015

Land Governance Policy & Institutional Adviser, proposal for USAID SOROT Project

- Identifying landscape-wide and necessarily cross-sectoral determinants of interventions to increase

oil palm and forestry land management sustainability to inform regional and national policymakers across several line ministries.

Tetrattech/ARD, * Oct to Nov 2014

Land Governance Adviser

- Supporting preparation of USAID proposal for District-based land governance to improve biodiversity conservation and reduce greenhouse gas emissions, involving the integration of policy analysis and dialogue, strategic environmental assessments (SEA) to inform multistakeholder fora (MSF) and development planning, and spatial planning implementation above all for transparent natural resource licensing and spatial planning.

Department for International Development (DfID), U.K.,* September 2014

Spatial Planning Analyst

- Concept note for enhancing the effectiveness of spatial planning in Papua Province, Indonesia

Global Green Growth Institute, * August - September 2014

Development Planning Analyst

- Adding value to technical recommendations for mainstreaming green growth into Indonesian economic and spatial development planning.

ARD-Tetrattech, USAID-IFACS and UBC collaboration, * June – August 2014

Agroforestry policy analyst

- Measuring the economic, environmental and social impacts of the 2011 trade export ban on semi-finished rattan to encourage value-added rattan furniture exports, including the problems of conversion of rattan agroforests to oil palm and smuggling as well as framing a matrix of practicable and widely-acceptable policy reforms.

LTS International, * February – April 2014

Forestry Institutional Development Specialist, Real-time Evaluation of Norway – Indonesia NICFI REDD+

- Lessons learned from impacts of past activities to institutionalize REDD+
- Taking into account fundamental determinants of REDD+ success or failure
- Insights into future directions in light of potential major future policy changes

National Renewable Energy Laboratory (NREL), U.S. Department of Energy * May - August 2013

Natural Resource and Sustainable Land Use Management (NRM / SLU) advisor to NREL under Millenium Challenge Account – Indonesia's (MCA-I) Green Prosperity programme (GP)

- Identifying and elucidating interdependencies between NRM and renewable energy (run-of-river hydro, biogas, biofuel, solar) as part of several pre-feasibility studies for the MCC Green Prosperity program in Indonesia
- Starting with the development rationale, illustrating how a landscape approach to GP investments and enabling conditions can ensure sustainability, incentivizing community support and reducing the risk of social jealousy from overly-sectoral approaches.

IDSS, * June 2013

Village Planning Reviewer, Kalimantan Forestry and Climate Change Project, Indonesia

- Learning from past success and failures, identifying and making recommendations for implementing strategic interventions to ensure project elucidating interdependencies between NRM and renewable energy (run-of-river hydro, biogas, biofuel, solar) as part of several pre-feasibility studies for the MCC Green Prosperity program in Indonesia

Abt, * August – September 2013

Natural Resource and spatial planning advisor to Abt proposals under MCA-I GP

- Identifying concepts and partners for Abt proposals

Climate and Land Use Alliance (CLUA), * November 2012 (pro-bono)

Invited Panelist to discuss strategic challenges for CLUA,

- Diminished Prospects for Global REDD+; Influencing private sector decision-making – focus on Commodity Supply Chains; Scalability of community forest management; and Agricultural Emissions.

Flora & Fauna International (FFI), Indonesia, * August 2012 (pro-bono)

Senior Technical Advisor

- Assisting with the inception of the USAID-FFI project for community-based biodiversity conservation of the Cyclops ecosystem in the peri-urban area of Jayapura, Papua

Cambridge Resources International (CRI), Ethiopia, * May – June 2012

Coffee Agroforestry and Trade Specialist

- Leading a team to undertake value chain analysis and *ex-ante* cost benefit analysis as well as recommendations for *ex-post* monitoring and evaluation of interventions by USAID marketing project for coffee production and domestic trade.

Bureau Veritas, Indonesia, * March 2011

Assessment for forest certification of legal wood origin (Origine Legal du Bois, OLB) at RAPP APRIL

- Focus on village community involvement in forest conservation and recognition by the company of their human, social and knowledge assets

Van Zorge, Heffernan & Associates, Indonesia * 2010 September

Institutional Analysis for Effective Development of Schemes for Reduced Emissions from Degradation and Deforestation (REDD)

- Proposing pragmatic and timely initiatives for REDD to private U.S investors, including candidate regions and sites in the Indonesian Provinces of Papua and Kalimantan.

The Samdhana Institute * April - July, October – December 2010

Team Leader, Spatial Planning and Related Strategic Environmental Assessment, Papua Province, Indonesia with USAID and Provincial Government funding

Supporting,

- completion of the participative and self-reliant spatial planning approach for Papua Province,
- preparation of a strategic environmental assessment (SEA) for the spatial plan,
- producing guidelines for Districts to follow a similar approach in their spatial planning processes, and
- design of policy framework for enabling conditions that are people-centered and growth-centered while remaining environmentally sound, including options for REDD and biofuel development

Leuser International Foundation * March – April 2010

Multi-stakeholder Forum Establishment, Project for Integrating Environment and Forest Protection into the Recovery and Future Development of Aceh (AFEP), Indonesia

Preparation and implementation of a multi-stakeholder workshop to explore establishment of a multi-stakeholder forum (MSF) for forest protection in the province of Nanggroe Aceh Darussalam (Aceh) under circumstances of long-standing tension among various stakeholders over forestry land use. The result was a broad-based consensus to go forward having jointly identified expectations (hopes) and concerns (fears) as well as the need to constructively transform conflict (if not resolve it) through a transparent, inclusive and accountable process of MSF formation.

Regional Planning Agency, Papua * February 2010

Spatial Planning Governance, Papua Province, Indonesia

Advising the regional planning agency (Bappeda) and advising as well as accompanying the Governor of Papua when he presented the Provincial Spatial Plan to the National Coordinating Agency for Spatial Planning in February 2010 for national-level approval. Included particular emphasis on the major current issues affecting such approval,

- Consistency between international, national and regional laws and agreements
- Forest land use
- Climate change mitigation and adaptation

- Forest exploitation to conserve natural forests, primarily through schemes for Reduced Emissions from Degradation and Deforestation (REDD) and community-based natural resource management in general

Osana * January 2010

Spatial Planning Governance, Indonesia Infrastructure Initiative (IndII), AusAID, in West Papua and Papua Provinces, Indonesia. Advising the provincial regional planning agencies (Bappeda) on capacity-building related to,

- Completion of their spatial plans as the basis for sustainable infrastructure development.
- Revision of Presidential Instruction No.5 on Accelerating Development in Special Regions.

Agrifor * August - September 2008

Forestry Governance, Mid-Term Review of Forest Law Enforcement and Governance and Trade Project (EU-Indonesia) in Kalimantan and Sumatra, Indonesia

- Outcome-based monitoring, evaluation and response for community-based forest land management and policing
- Institutionalizing processes for shared learning

GTZ * November - December 2007; February - March; June 2008

Environmental Governance, Supporting Local Governance & Sustainable Recovery Project, Regional Environmental Agency, Aceh, Indonesia

- Assuring Enduring Action for Environmental Management to Safeguard Economic Growth and Poverty Reduction in urban and rural areas of Banda Aceh City and Aceh Besar District within the Kreung Aceh River Basin.
- Raising political will for adequate investment in environmental management through "Safeguard Briefs" emphasizing the linkages to sustained economic growth and poverty growth in the short and long term.
- Involving local communities and women's groups in simple environmental monitoring (e.g., recording roadside waste, especially near schools and health clinics) to exert accountability pressure on environment agencies.
- The importance of first prioritized steps in river basin management that create a sense of upstream-downstream awareness, linking urban and rural communities, e.g., the problem of acute river degradation from sand and gravel quarrying in the river.

Danida * July – October 2007

Strategic Environmental Assessment (SEA) for urban coastal zone development in Padang City, Indonesia

- Participative development of SEA involving urban and rural communities in the assessment of environmental impacts to inform the preparation of a development plan for an urban mega-project consisting of coastal reclamation, marina development and commercial-use restoration of historic buildings.

Conservation International * June 2007; March – April 2008

Project Proposal for Agroforestry buffering of the Leuser Forest Conservation Ecosystem focussing on sustainable increase of livelihoods of tsunami and earthquake victims

- Preparation of Project Concept Note for rehabilitation of coffee agroforestry farms and adjacent natural forests in post-conflict areas of Aceh.
- Preparation of Project Appraisal Document

CIDA * July 2007

Technical Assistance Proposal

- Evaluation of Donor Support Facility for Decentralization and Support Facility for Eastern Indonesia (SofEI) as recipients of CIDA financial and technical assistance (cooperant) for natural resource and environmental governance, respectively.

GTZ * 2006 April - May

Strategic Environmental Assessment (SEA), Supporting Local Government & Sustainable Recovery Project, Environmental Agency, Aceh, Indonesia

- Developing Strategic Environmental Assessment (SEA) of the impacts of the reconstruction in post-tsunami areas of Nanggroe Aceh Darussalam (Aceh) Province as a safeguard against excessive degradation of rivers, farmland and forests caused by river quarrying of sand and gravel, soil excavation for brick production, and timber extraction for house construction.
- Particular attention to absorptive capacity of local institutions

Development Alternatives Inc. (DAI) * 2006 January - March

Forest and Land Rehabilitation Management, Environmental Services Program

- Reviewing existing policies for forest and land rehabilitation in Java and Sumatra.
- Developing the approach, "*Lessons Shared therefore Learned (LS*L)*" from experience in Indonesia in participative natural resource management since decentralization, as well as from earlier development projects.
- Identifying practicable incentives and disincentives to mitigate threats such as illegal logging and agricultural encroachment, and to encourage lasting land rehabilitation and care as part of integrated natural resource management.

Van Zorge, Heffernan & Associates, Indonesia * 2005 December

Forest Plantation Analysis

- Analyzing environmental and social performance of timber plantation and pulp & paper mill.

Asian Development Bank (ADB) * 2005 August - September

Environment and Natural Resource Manager, Aceh, Indonesia

- On-the-ground institutional preparations for the ADB' Spatial Planning and Environmental Management component of the multi-sectoral Earthquake and Tsunami Recovery Support Project (ETESP).
- Emphasis on multi-stakeholder engagement and bridging the divides between government agencies at the national, provincial, district and village levels.

Natural Resources International (NRI) * 2005 August

Institutional Specialist, South Sumatra, Indonesia, Mid-term evaluation of the European Union's South Sumatra Forest Fire Management Project

- Emphasize the need for fire management rather than fire-fighting initiatives, internal village sense of ownership, effective inter-village connectivity and decision feedback links with higher levels of fire management authorities.

Rainforest Foundation of Norway / Regnskogfondet * 2005 July

Team Leader, Project Evaluation, Jambi, Indonesia

- Evaluation of the Bukit Duabelas National Park project implemented by the NGO WARSI to protect and empower the *Orang Rimba*, indigenous forest nomads and the natural forest ecosystem upon which their livelihoods depend.
- Emphasize the need for closer examination of alternative livelihoods approaches and a more strategic approach for negotiation among with all villages, local government and private plantation companies that encircle the national park.

CIDA (Canadian International Development Agency) * 2005 April - June

Team Leader, Strategic Environment Assessment, Aceh and Nias, Indonesia

- Scoping for Strategic Environmental and Natural Resource Assessment (SENRA) for urban and rural areas to guide the reconstruction projects and other initiatives in post-tsunami Aceh and post-earthquake Nias, Indonesia.
- Emphasis on achieving sufficient sense of ownership at the local level and feedback linkages between top-down and bottom-up processes.

SmartWood (Rainforest Alliance) * 2005 February

Team Leader, Forest Certification, Assessment of Smallholder Teak Agroforests, South East Sulawesi Province, Indonesia

- Assessment for certification of Smallholder teak forests in terms of environmental sustainability, economic viability and social equity.

International Finance Corporation & World Bank * 2005 January

Natural Resource Economist, advising Ministry of Trade, Jakarta, Indonesia

- Analysis of national, provincial and district non-tariff trade barriers to imports and exports of natural resource commodities in terms of environmental impacts, efficiency and poverty reduction.

Agrotec SpA * 2004 November-December

Environmental Economist, final evaluation of European Commission – Indonesia forestry projects, the Forestry Liaison Bureau (FLB) and the South and Central Kalimantan Production Forest Management Project (SCKPFP)

- Assessment of economic impacts of project assistance on beneficiaries during and after the projects, namely, central and regional government agencies, private and local communities.
- Emphasis on outcome-based monitoring, shared learning of lessons and post-project sustainability.

Landell Mills Ltd * 2004 August-September

Governance Specialist, review of the European Commission – Indonesia Forestry Programme (ECIFP), Indonesia

- Field observations of ECIFP projects for support of concession management in natural production forests, forest fire control and protected areas.
- Comparisons of large, medium and small projects, as well as direct EC management and co-financing arrangements.
- Emphasis on outcome-based monitoring, shared learning of lessons and post-project sustainability.

SmartWood (Rainforest Alliance) * 2004 June-July & October-November; February 2005

Socioeconomics Specialist, Assessment of High Conservation Value Forest (HCVF) area in the Pulau Muda, Serapung and Siak forest management concessions of Asia Pulp & Paper, Riau Province, Indonesia

- Assessing forest areas for their economic and cultural value to local village communities and outlining implications for HCVF management.

Birdlife International * 2004 April-May

Team Leader, Review of Sangihe Talaud Forest and Bird Conservation Program, Indonesia

- Reviewing village community, local government and enforcement initiatives for protecting two forest areas with high endemism and threats to critically endangered bird species.

Kennedy School of Government * 2004 April

Invited Panelist, 10th Annual Harvard Conference, Cambridge, U.S.

- Panelist for session on identifying effective conservation and natural resource management strategies in countries undergoing substantial reconstruction and transformation as a result of armed conflict, economic restructuring or political transition.

The Nature Conservancy * 2004 January - February

Team Leader, Review of East Kalimantan Conservation Program, Indonesia

- Leader of six-person international and national team to review the TNC's conservation programme for East Kalimantan, in terms of alignment to the TNC's Conservation by Design.
- Specialist focus on (a) program impacts on government decision-making as well as on policy and institutional development and (b) shared learning processes.

University of British Columbia (UBC) 2000 January - April, 2001 March and 2003 January – February

Lecturer, Food and Resource Economics, Faculty of Agricultural Sciences, U.B.C., Vancouver, Canada, teaching a course on **Rural Development**

- Community participation in decision-making about and direct management of forestry resources
- Technological change amongst smallholder tree crop / agroforestry farmers
- Decentralisation of natural resource management
- Market failures and policy failures in environmental management
- Institutions for agricultural and forestry research
- Assets for sustainability: Natural, Human-made, Social, Human and Knowledge

Smart Wood (Rainforest Alliance) * 2002 November

Certification Scoping Advisor (Social), Smart Wood programme, Laos

- Participate in scoping of Group Certification Unit for village-based forest management in Dong Sithouane and Dong Phusoi's production forests in Savannakhet and Kammouanne Provinces.

World Bank * 2001 May, December

Community Forestry Advisor, World Bank, Laos

- Contribute to preparation of new World Bank project supporting village-based management of high mixed deciduous forest in Laos. Focus on degree of community participation and benefit-sharing.

Queens University (Ontario, Canada) * 2001 March

Forestry Policy Adviser, Malaysian Institute for Economic Reform, Institute for Development Studies (Sabah) and the Sarawak Development Institute, presenting workshop and policy papers on sustainable forest management.

- Developing the central theme of policies to encourage forest managers, be they corporate concessionaires, communities or individuals, to *value the forest as forest*, focussing on overcoming two major underlying constraints of uncertainty of tenure and undervaluation of forestry resources.

Ford Foundation * 2000 July - December

Community Forestry Program Consultant, Ford Foundation, Indonesia

- Reviewing support for NGO, university and government grantees for the development of community forestry in Indonesia.
- Providing support to grantees in the field.

Hickling Corporation (Canada)* 2000 May – June

Natural Resource Policy Advisor, Regional and Community Development, National Planning Agency (Bappenas), Indonesia, on **Decentralisation of Natural Resources Management (Forestry Focus)**

- Insights from international decentralisation experience
- Lessons from past Indonesian attempts at regional resource management
- Opportunities for recognition of rights and reasonable responsibilities for community-controlled forest management

Smart Wood (Rainforest Alliance) * 2000 February

Forest Certification Scoping Advisor, Smart Wood programme, Indonesia

- Participation in team for scoping of Kalimantan Production Forest Concession, West Papua, Indonesia

Xylo Indah Paratama * 2000 & 2001 April

Forest Certification Advisor, South Sumatra, Indonesia

- Assisting company and community partnership to prepare for full assessment for forest certification for community forestry for production of *pulai (Alstonia scholaris)* in plantation and agroforestry systems.

World Bank * 1999 November, 2000 February

Forestry Audit Advisor, World Bank, for the GEF-funded Kerinci Seblat Integrated Conservation Development Project, Sumatra, Indonesia

- Review of the Independent Audit System for Forest Concessions adjacent to the Kerinci Seblat National Park (KSNP).
- Importance of setting priorities for subsequent action and for focussing on outcome-based indicators of good performance.
- Reduced Impact Logging (RIL) for Forest Concessions adjacent to KSNP. Conceptual and implementation challenges.
- Community participation in forest resource management. Strategies to reduce illegal logging, overexploitation and forest conversion by recognising rights of access to forest lands by local communities and government respect of customary or *adat* law.

Smart Wood (Rainforest Alliance) * 1999 February

Team Leader, Forest Certification Scoping, Smart Wood programme, Indonesia

- Community forestry for production of *pulai* (*Alstonia scholaris*) in South Sumatra in plantation and agroforestry systems.

Department for International Development (DfID), U.K. * 1999 August & October

Institutional Development Specialist, Participatory Planning for Future DfID Forestry Project in Indonesia.

- Implications of Decentralisation for Community-based Forest Resource Management. In Aceh and West Kalimantan, facilitating dialogue between local government, NGOs and traditional (adat) leaders about the prospects for formal recognition of community-based forestry and natural resource management.
- Follow-up dialogue including NGOs and traditional leaders with government and other stakeholders in Jakarta, leading to identification of the expectations, concerns and constraints about formal recognition of community-based forestry and natural resource management.

United States Agency for International Development (USAID) * 1999 May – June

Natural Resource Policy Analyst, Jakarta, Indonesia

- Review of Natural Resources Management Program. In the light of lessons learned and the consequences of recent fundamental economic and political changes in Indonesia, advise on how the opportunities for decentralised natural resource management might be developed, particularly for recognition of community-based resource management.

World Bank, * 1999 January – March & September

Forestry Policy Analyst, World Bank, Jakarta

- Forestry Policy Conditionalities for Structural Adjustment Loans. Analysis of legislation and regulations that influence community and large-scale forest management (including decentralisation and cooperatives issues), dialogue with stakeholders and negotiations with policy makers.
- Consultative process for framing new forestry policies. Contributions to a multi-stakeholder consultative and deliberative process for reform of the forestry sector.
- Exploring mechanisms for independent inspection of forest resource management.

Natural Resources International (NRI), * 1998 October - November

Institutional and Policy Analyst, Indonesian Forest Sector Review, DfID

- Identifying government and non-government institutions playing a role in policy development during *era reformasi*.
- Analysis of impact of principal policy instruments on sustainable forest management goals.
- Evaluation of the Indonesian Tropical Forest Management Project.

Centre for International Forestry Research (CIFOR) * 1998 August

Reviewer, Criteria and Indicators for Forest Certification

- Part of a team reviewing CIFOR's draft generic template of criteria and indicators of sustainable forest management and the results of its adaptation for use in certification of natural production forests.

Biodiversity Support Programme (BSP) * 1998 July - September, November - December

Policy Advisor at BSP Kemala, Indonesia, to:

- Assist NGO's to present informed arguments for forestry policy reform. Specifically, to provide analysis and synthesis of the array of recommendations for reform from NGOs, universities, donor projects and government itself.

Smart Wood (Rainforest Alliance) * 1998 June, December

Agroforest (Tree Crop) and Forest Certification Advisor, Smart Wood programme, Indonesia

- Exploring prospects for certification (and related ecolabelling) of natural production forests (corporate and community), non-timber forest products (rattan, birds nest production) and tree crop commodities such as rubber, coffee, cocoa, cinnamon, coconuts.
- Participation in certification of state teak plantations of Perum Perhutani on Java.

Nathan Associates * 1998 April - May

Forestry and Agroforestry (Tree Crops) Policy Analyst, Trade and Investment Policy Project, Department of Industry and Trade, Jakarta, Indonesia

- Evaluation of rattan production and trade policies in Central Sulawesi and Java, including prospects for extractive reserves and regulated rights of access to protected areas and impacts of the current economic crisis.
- Impact of the clove monopoly on production and trade in North and Central Sulawesi and Java.
- Impact of trade and industry deregulation on the forestry industry as agreed under the Indonesia - IMF (International Monetary Fund) agreement.

Harvard Institute for International Development (HIID) * 1998 January -March
Forestry and Agroforestry Policy Analyst, Economic Advisor Project, Department of Finance,
 Jakarta, Indonesia

- Evaluation of the impacts of Indonesia's forestry and agroforestry deregulation programme implemented as part of an Indonesian agreement with the IMF. Consider impacts on efficiency, equity and resource management as well as attempts of vested interest to regain control lost through deregulation.

Centre for International Forestry Research (CIFOR) * 1997 August - September
Policy Analyst, Bogor, Indonesia

- Resource Valuation. Exploring the role of resource valuation in policy development for natural resources. Preparation of paper and workshop on "Valuing Resource Valuation" which became a keenly debated topic. Raise questions about methodological problems and usefulness of resource valuation to policy makers.

International Tropical Timber Organisation (ITTO) * 1997 September - October
Rapporteur for the ITTO Borneo Biodiversity Expedition 1997

- Participate in and report on the results of the ITTO Borneo Biodiversity Expedition to the trans-border protected areas of Bentuang Karimun National Park (West Kalimantan, Indonesia) and Lanjak Entimau Wildlife Sanctuary (Sarawak, Malaysia).
- Transboundary Protected Area Management. Implication of expedition results (mostly fauna and fauna inventories as well as socio-economic studies) for the management of trans-border protected areas.

Biodiversity Support Programme (BSP) * 1997 July - August, November - December
Policy Development Advisor at BSP Kemala, Indonesia

- Strengthen NGO capacity to influence the policy process for recognition community-based forestry and natural resource management.
- Focus on NGO opportunities to influence policy research and related dialogue, by identifying and responding to stakeholder and "stickholder" concerns (declared and undeclared).
- Among the policy issues covered were: recognition of traditional community forests (*ulen*) along the Kayan river in East Kalimantan and local management of birds nest caves, initiatives to establish villagers' capacity to assess logging impacts and the use of village sketch-mapping to make compelling arguments for the value of community forests.

Winrock International Institute for Agricultural Development (Winrock International) * 1997 October - November
Forestry Policy and Planning Advisor at the Ministry of Forestry on the Natural Resources Management Project No.2, Indonesia

- Preparation of seminar and workshop papers on deregulation of rattan trade and production, concept of outcome-based regulation of forest management and options for increased efficiency of the management of natural tropical production forests.
- Through field visits identify workplan priorities for the project in industry- and community-based forest management.

Harvard Institute for International Development (HIID) * 1995 & 1996 July
Rural Markets for Microfinance Banking Services, at Bank Danamon Indonesia

- Demonstrating the potential for profitably delivering commercial banking services to tree and agroforestry crop farmers in Indonesia (e.g., rubber, coconuts, coffee, cocoa, citrus, cloves, nutmeg, cinnamon, vanilla, pepper and rattan) and related small-scale processing industry.

Cultural Survival Enterprises (CSE) * 1993 May

Agroforestry and Marketing specialist, field study in the Kerinci-Seblat national park, Indonesia

- Integrating Agroforestry with Biodiversity Objectives. Exploring ecosensitive marketing strategies for traditional smallholder cinnamon (cassia) farmers in (and inside the existing) perimeter of Kerinci Seblat national park for biodiversity conservation, to favour rather than threaten park integrity.

Agricultural Development Services (ADS) * 1993 March - April

Agroforestry Policy Analyst, at the Center for Policy and Implementation Studies (CPIS), Indonesia

- Policy Aspects of Crop Quality. Documenting technical and economic misperceptions about quality control and the misuse of quality-assurance arguments made by trade monopolists, with particular reference to smallholder citrus, cocoa and coffee in Indonesia.

Overseas Development Administration (ODA), U.K. * 1993 February

Independent Reviewer of an ODA project on Biodiversity for Biotechnology Innovation. Review of project's, Tropical Forest Mycorrhiza and Dehalogenation Research

- Evaluating research conducted by Indonesian and British participant universities in the Inter-University Center programme, aimed at commercial application of (a) dehalogens for industrial waste treatment (e.g. wood pulp industry) and (b) the use of mycorrhiza inocula in forestry nurseries to improve planting efficiency and growth rates of Dipterocarp trees in Indonesian forests.
- Human Resource Development. (Ph.D. and short-course programmes in the U.K.).

United States Agency for International Development (USAID), * 1993 January

Agriculturalist, advising the Ministry of Environment and Forests, India

- Identifying economic uses of compost produced from urban solid waste.
- Supporting sustainable and commercial compost markets for different qualities of compost.

Agricultural Development Services (ADS) * 1992 July - December

Tree Crops Agriculturalist, at the Center for Policy and Implementation Studies (CPIS), Indonesia

- Quality of Agricultural Produce. Identifying policy constraints to raising the quality of cocoa and vanilla produced by smallholder farmers in Sulawesi and Bali, respectively.
- Agricultural Extension. Investigating private agricultural extension systems as possible models for improving government extension services.

University of British Columbia (UBC) 1992 January - April

Visiting Lecturer, Department of Agricultural Economics, U.B.C., Canada, teaching a course on **Rural Development**

- Technological change amongst smallholder tree crop / agroforestry farmers
- Agricultural and forestry research policy
- Agricultural and forestry resource management policy
- Impact of trade deregulation on forestry and agricultural produce marketing.

World Bank * 1991 December

Tree Crops Agriculturalist, Indonesia:

- Smallholder Rubber Development. Evaluating development interventions in the Indonesian smallholder rubber sector, in particular, documenting the history of earmarked taxes in Indonesia.

Royal Tropical Institute of the Netherlands (KIT) * 1988 April - May

Phytopathologist, Hainan High-Yield Cashew Research Centre, China

- Survey of cashew diseases.
- Crop loss assessment for gummosis disease of cashew.

Food and Agricultural Organisation of the United Nations (FAO) * 1987 November – 1988 April

Phytopathologist, Coconut Research Institute, Manado, Indonesia

- Evaluation of varietal resistance of coconuts to *Phytophthora* rot and various leaf diseases.
- Organisation of and participation in a training course for extension officers.

- Organisation of a seminar on coconut pest and disease control.

World Bank * 1987 April

Tree Crops Agriculturalist, Indonesia

- Feasibility of smallholder cultivation of hybrid coconuts under monocrop and intercrop conditions.

Bolivian Agricultural Extension Service 1975 March

Phytopathologist, during overland travel from Alaska to Argentina

- Working with the local extension service to control a wilt disease of tomatoes in Bolivia.

PUBLICATIONS

Peer-reviewed Journals and Book Chapters

Bennett, C.P.A. (2002) Of Responsibility, Accountability and National Unity. In, "Which Way Forward: People, Forests, and Policymaking in Indonesia", Colfer, C.J.P. and Resosudarmo, I.A.P. (eds.). Resources for the Future (RFF) & Centre for International Forestry Research (CIFOR), Washington, D.C, Chapter 3.

----- (2002) Outcome-based regulations to encourage reduced-impact logging. In, "Applying reduced impact logging to advance sustainable forest management", FAO, Asia Pacific Forestry Commission, Chapter 25, pages 251-259.

----- (1998) Outcome-based Policies for Sustainable Logging in Community Forests. In, "Incomes from the Forest: Methods for the development and conservation of forest products for local communities", Wollenberg, E. & Ingles, A. (eds.), Chapter 10, p.203-220. Centre for International Forestry Research (CIFOR).

Tomich, T.P., Hastuti & ----- (1998) Adoption of new varieties of coffee by smallholders in the highlands of Southern Sumatra. *Bulletin of Indonesian Economic Studies*,

Godoy, R.A. & ----- (1992) Economics of Monocropping and Intercropping by Smallholders: Coconuts in Indonesia. *Human Ecology*, Vol.19, No.1:83-97.

----- & Godoy, R.A. (1992) The Quality of Smallholder Coffee in South Sumatra, Indonesia: The response of local output to worldwide demand. *Bulletin of Indonesian Economic Studies*, Vol.28, No.1: 85-100.

Godoy, R.A. & ----- (1990) The Quality of Smallholder Cloves in Maluku Province, Indonesia: The local response to domestic demand for a high-quality product. *Bulletin of Indonesian Economic Studies*, Vol.26, No.2: 59-77.

Godoy, R.A. & ----- (1989) Agricultural Diversification Among Coffee Smallholders in the Province of South Sumatra, Indonesia. *Human Ecology*, No.4: 397-420.

Davis, T.A. & Bennett, C.P.A. (1988) Morphological Variation of Coconut Inflorescences: Opportunities for Plant Breeding. *Coconuts Today*.

Hunt, P., -----, Syamsu, H. & Nurwenda, E. (1987) Sumatra Disease in Cloves Induced by Xylem-limited Bacteria Following Mechanical Inoculation. *Plant Pathology*, 36: 154-163.

-----, Jones, P. & Hunt, P. (1987) Culture and Ultrastructure of a Xylem-limited Bacterium Associated with Sumatra Disease of Cloves. *Plant Pathology*, 36 (1): 45-52.

-----, Roboth, O., Ginting, S. & Lolong, A. (1987) Pathogenicity of *Phytophthora palmivora* (Butler) Butler, Causing Premature Nutfall Disease of Coconut, *Cocos nucifera* L. *Crop Science*, Vol. 2, No. 2: 59-70.

Hunt, P., ----- & Asman, A. (1985) Suppression of Sumatra Disease Symptoms in Cloves Treated with Antibiotics. *Plant Pathology*, Vol.34: 495-501.

-----, Hunt, P. & Asman, A. (1985) Association of a Xylem-limited bacterium with Sumatra disease of Cloves in Indonesia. *Plant Pathology*, Vol.34: 487-494.

Hunt, P., ----- & Jones, P. (1979) Etiology and Control of Sumatra Disease of Cloves. *Phytopathology*,

Conference, Seminar and Working Papers

- (2007) Strategic Environmental Assessment for Timber Extraction in Aceh Province, Indonesia. Supporting Local Governance for Sustainable Recovery, Bapedalda-GTZ, 06 June 2006.
- & Kamil,I. (2006) Strategic Environmental Assessment for Management of the Krueng Aceh River Basin. Supporting Local Governance for Sustainable Recovery, Bapedalda-GTZ, 06 June 2006.
- & Kamil,I. (2005) Strategic Environmental and Natural Resource Assessment (SENRA) to Guide Implementation of Reconstruction and Rehabilitation in post-Tsunami Nanggroe Aceh Darussalam Facilitated by the Badan Rehabilitasi dan Rekonstruksi (BRR). Bappenas – CIDA, 8 July 2005.
- & Walton,T. (2003) Forestry Corruption and the Poor: High financial costs of forestry corruption in Indonesia exceeded by the social and environmental costs of policy corruption -- excluding the poor from sustainable livelihood opportunities in public land -- an enduring legacy of *Orde Baru* (2003 February) Working Paper for World Bank Corruption Study, Governance Program.
- (2003) Supporting Good Governance of Forest Land in Indonesia: A Starting Point for Discussion. Presentation to Donor Forum on Forests, Jakarta, 22 October 2003.
- (2005) Reducing Environmental Impacts of Development Efforts to Recover from Tsunami Devastation in Aceh, Indonesia - *Getting to Good Governance*. UBC Kelowna, Canada, 12 October 2005.
- (2005) The Problem of the Ban on Rattan Exports and Related NTB(s) in Indonesia. Food and Resource Economics Group, Faculty of Agricultural Sciences, University of British Columbia, Vancouver, 19 April 2005.
- (2004) Putting Conservation Policies into Practice in Times of Turbulent Uncertainty -- The Case of Indonesia. 10th Harvard International Development Conference. Kennedy School of Government, Harvard University, 17 April 2004.
- (2003) Towards a Position Paper for Supporting Good Governance of Forest Land in Indonesia: A Starting Point for Discussion. Presentation to Donor Forum on Forests, Jakarta, 22 October 2003.
- (2003) Forestry Corruption and the Poor: High financial costs of forestry corruption in Indonesia exceeded by the social and environmental costs of policy corruption -- excluding the poor from sustainable livelihood opportunities in public land -- an enduring legacy of *Orde Baru* (2003 February) Working Paper for Corruption Study, Governance Program.
- (2002) Towards Good Forestry Governance to Achieve High Public Accountability of Forest Resource Management. National Dialogue on Joint Observations of Forest Management with High Public Accountability / *Dialog Nasional Pemantauan Bersama Kinerja Pengelolaan Hutan yang Berakuntabilitas Publik Tinggi*. Jakarta, 24 September.
- (2002) Agroforestry Denial: Persistence of entrenched attitudes of forestry agencies that ignore a crucial role of community participation and management in achieving sustainable forest land use (2002) Invited input for the National Workshop, "Reflecting on Four Years of Reform: Developing Social Forestry in the Decentralisation Era" / "*Refleksi Empat Tahun Reformasi: Mengembangkan Social Forestry dalam Era Desentralisasi*", CIFOR, 10-12 September 2002.
- (2002) Social Responsibility in the Management of Forest Resources (2002 August 27) Discussion No. 4, Government and Forestry Development in Indonesia: Prospects and Challenges, facilitated by CAPABLE (Centre of Capacity Building for Local Governance), hosted by the Ministry of Forestry in Manggala Wanabakti Building, 27 August.
- (2002) Towards resolution of conflict between customary (*adat*) land rights and state land management through greater transparency of land information (2002 June 20) Paper presented at a meeting on, "*Perspektif Tanah Adat / Ulayat dan Pendekatan Komprehensif Penyelesaian Konflik Tanah*"

/ Perspective of Customary Land Rights in Approaches to Comprehensively Resolve Land Conflicts”, 19 & 20 June 2002, Ministry of Home Affairs, Jakarta.

- (2002) Outcome-based regulations to encourage reduced-impact logging. In, “Applying reduced impact logging to advance sustainable forest management”, FAO, Asia Pacific Forestry Commission, Chapter 25, pages 251-259.
- (2001) Valuing Forests as Forests. Workshop Series, Kota Kinabalu & Kuching, Malaysia, 20 February & 02 March.
- (2000) Implications of Decentralised Policy Development for Investments in Export-oriented Agribusiness. Agribusiness Indonesia 2000, 22 – 23 June 2000, Bali, Indonesia.
- (2000) Some International Lessons for Decentralization of Natural Resource Management in Indonesia: Learning from the Failures. Policy Working Paper, Bappenas – Hickling, August 2000, Jakarta, Indonesia, December 2000.
- (2000) Opposition to Decentralisation of Forest Resource Management in Indonesia – Sowing the seeds of future conflict. Policy Working Paper, Bappenas – Hickling, June 2000, Jakarta, Indonesia.
- (2000) Decentralisation and Domestic Trade: Divisive Threats to Intra- and Inter-Regional Trade in Indonesia. Policy Working Paper, Bappenas – Hickling, August 2000, Jakarta, Indonesia.
- (1999) Logging for Conservation: Forest concessions as contributors to conservation in Kerinci Seblat National Park and its buffer zone. Kerinci Seblat Integrated Conservation and Development Project (KS-ICDP), Global Environmental Fund Grant No. TF 28312), Draft, 11 December 1999.
- (1999) Establishing Community-Based Reduced-Impact Logging Partnerships with Concessions in the Buffer Zone of Kerinci Seblat National Park. Kerinci Seblat Integrated Conservation and Development Project (KS-ICDP), Global Environmental Fund Grant No. TF 28312), Draft, 06 October 1999.
- (1999) Ensuring a Future for Indonesia’s Natural Forests: Resources and Governance. 12 June 1999.
- (1999) Shifting the Policy Paradigm for Natural Resources Management in Indonesia -- Focus on Forestry. In, USAID Review of the Natural Resources Management Programme, NRM2/EPIQ, Jakarta, 25 May 1999.
- (1999) Economic Gloom, Coffee Boom: Crisis and Opportunity for Indonesia’s Coffee Industry in 1997/8. 5th Annual International Asian Coffee Conference, Hanoi, Vietnam, 3-4 February 1999.
- RuwindrijartoA. & ----- (1998) Conserving or Threatening Sustainable Management of Birds Nest Caves — Comparing Government Recognition of Community Management with Government Control of Management? Birds Nest Swiftlets Workshop, 03 December 1998.
- (1998) Towards a New Policy Framework for Sustainable Development of Indonesia’s Rattan Industry: Crisis and Opportunity. Workshop on Rattan Deregulation, Sustainable Forest Management Project and Natural Resources Management Programme, Jakarta, 14 April 1998.
- (1998) Indonesian Forestry Policy in the Context of the Current Economic Crisis. Jointly-Sponsored Seminar, , Centre for South East Asian Research and Department of Agricultural Economics, University of British Columbia, 25 March 1998.
- (1998) Community Forestry in Indonesia: Of Birds Nests, Incense and Boardwalks. Seminar, Centre for South East Asian Research, University of British Columbia, 11 March 1998.
- (1997) Outcome-based Regulation of Logging in Community Forests: Reducing Forest Bureaucracy. Working Group on People’s Participation and Social Forestry (Timber extraction by local communities), Consultative Group on Indonesian Forestry, Conservation Working Group, Cisarua, 20 March 1997.
- & Klassen,A. (1997) Logging Waste and Related Impact. Working Group on Sustainable Forest Management (Reduced Impact Logging), Consultative Group on Indonesian Forestry, Conservation Working Group, Cisarua, 19 March 1997.
- (1997) Counterpart Teams: Towards Resolution of an Old Problem. Consultative Group on

- Indonesian Forestry, Working Group on Institutional Development, Cisarua, 17 March 1997.
- (1996) Policies of the Forest: Of Stakeholders and Stickholders. Seminar, Center for International Forestry Research (CIFOR), 19 December 1996.
- & Barichello, R.R. (1996) Value-added and Resource Management Policies for Indonesian Rattan: Aims, Outcomes and Options for Reform. Rattan Workshop, Bogor, 04-05 November 1996.
- (1996) Impacts of Product Market Regulations on the Poor: The Rise and Fall of Agricultural Trade Monopolies. World Bank Workshop, Indonesian Workers in the 21st Century, Jakarta, 02-04 April 1996.
- (1996) Germ Plasm Areas (*Kebun Plasma Nutfah*) in Natural Production Forests: Prospects and Limitations. Consultative Group on Indonesian Forestry, Conservation Working Group, Cisarua, March 1996.
- (1995) Linkages between Community Forestry (*Hutan Kemasyarakatan*) and Community Development (*Bina Desa*) Schemes: Conflict or Complementarity? Consultative Group on Indonesian Forestry, Working Group for Social Forestry and Peoples Participation, Cisarua, December 1995).
- (1995) Conservation in Natural Forest Management: Lessons from Project Experience. Consultative Group on Indonesian Forestry, Conservation Working Group, Cisarua, June 1995.
- & Suparna, N. (1995) Policy Parallels between Forest Ecosystem Management in Washington and Kalimantan. USAID Seminar, Jakarta, June 1995.
- (1995) Linkages between Field Experience and Policy Dialogue in Sustaining Tropical Natural Forest Ecosystems. Lessons Without Borders: Local Problems, Global Solutions, Washington State - USAID Conference, Seattle, 17-20 April.
- & Hayat, A. (1994) Impact of Value-added Policies on Ecosystem Management of Rattan Produced by Small-scale Cultivators and Gatherers. Rattan Seminar, Centre for Biodiversity and Conservation, Universitas Indonesia, 10-11 October 1994.
- & Hasan, F. (1993) Exports of Low Quality Cocoa from Sulawesi, Indonesia: Market Failure or Market Evolution. International Cocoa Conference, Bali, Indonesia, 23-25 October 1993.
- (1993) Quality of ERCP Compost: Producing Safe and Marketable Grades of Compost Made from Municipal Solid Waste. Workshop on Urban Solid Waste Management, New Delhi, India, 09-11 January.
- Simpson, M.H. & ----- (1993) Demand for Compost: Identifying and Building Compost Markets. Workshop on Urban Solid Waste Management, New Delhi, India, 09-11 January.
- (1992) The Indonesian Context for Environmental and Natural Resource Issues. USAID Seminar on Environmental and Natural Resources Economics, Jakarta, Indonesia, 01 December 1992.
- Barichello, R.R. & ----- (1992) Tree Crop Development in Indonesia: A Proposal for a Rubber Export Tax. Northwest Regional Consortium for Southeast Asian Studies, 5th Annual Conference, Vancouver, Canada, 16-18 October 1992.
- (1992) Adoption of Appropriate High-Yielding Technologies by Smallholder Tree Crop Farmers. Seminar, Development Cooperation Association, Palembang, Indonesia, 06 August 1992.
- (1992) Of Cloves and Cartels: The Rise and fall of Spice Cartels in Indonesia. Agricultural Economics Seminar, University of British Columbia, Canada, 10 April 1992.
- (1992) Listening to Farmers: Recognising the research value of fertilizer and crop protection strategies devised by smallholder tree crop farmers in Indonesia. Plant Science Seminar, University of British Columbia, Canada, 06 April 1992.
- Dereinda, R., ----- & Abbas, (1991) Incentives for Cooperation between Smallholders and an Integrated Coconut Processing Unit in Indonesia. 11th Annual Symposium, Association for Farming Systems Research-Extension, Michigan State University, 05-10 October 1991.
- & Mawardi, M.S. (1991) New Policies for Old Rubber -- Policy Issues Related to Rubber Replanting by Self-Reliant Smallholders in Indonesia. Seminar, Replanting Strategies for Smallholder

- Rubber, Palembang, Indonesia, 29-30 May 1991.
- , Mawardi, M.S., Messi, M.N. & Daud, L.A. (1990) Increasing the Productivity of Smallholder Rubber in Indonesia without Additional High-cost Development Projects. Seminar, Center for Policy and Implementation Studies, Indonesia, 03 April 1990.
- & Shearing, S.H. (1990) Planting Material for Rubber Nurseries in a Dispersal Strategy. Workshop, Rubber Nursery Development, Sungei Putih, Indonesia, 5-7 March 1990.
- , Mangindaan, H. & Kharie, S. (1988) Screening for Varietal Resistance of Coconuts to Premature Nutfall Disease Caused by *Phytophthora palmivora* (Butler) Butler. F.A.O. Seminar, Coconut Pest and Disease Control, Indonesia, March 1988.
- Pattang, B., Kharie, S., & ----- (1988) Resistance of Some Coconut Cultivars to Leaf Spot Disease Caused by *Dreschlera incurvata* (Ch. Bernard) M.B. Ellis. F.A.O. Seminar, Coconut Pest and Disease Control, Indonesia, March 1988.
- Sitepu, D., Mawikere, & ----- (1988) The Effect of Stem Bleeding on Coconut Production. F.A.O. Seminar, Coconut Pest and Disease Control, Indonesia, March 1988.
- Kharie, S., Pattang, B., Assa, B., & Bennett, C.P.A. (1988) Evaluation of the Ability of Various Media to Stimulate the Sporulation of *Phytophthora palmivora* (Butler) Butler of *Dreschlera incurvata* (Ch. Bernard) M.B. Ellis. F.A.O. Seminar, Coconut Pest and Disease Control, Indonesia, March 1988.
- , & Kharie, S. (1988) The Impact of Coconut Diseases Caused by *Phytophthora* spp. in North Sulawesi and Prospects for Their Control. F.A.O. Seminar, Coconut Pest and Disease Control, Indonesia, March 1988.
- , Sitepu, G. & Roboth, G. (1985) Aspects of the Control of Premature Nutfall Disease of Coconut, *Cocos nucifera* L., caused by *Phytophthora palmivora* (Butler) Butler. Proceedings, Coconut Pest and Disease Seminar, Bogor, Indonesia, 8 - 10 May 1985.
- Waller, J.M. & ----- (1983) Recent Advances in the Chemical Control of Coffee Diseases. International Congress of Plant Pathology, Melbourne, Australia.
- Jones, P., ----- & Hunt, P. (1980) The Etiology of a Lethal Disease of Cloves in West Sumatra. Seminar, Federation of British Plant Pathologists, U.K.
- Asman, A., ----- & Hunt, P. (1980) Methods of Assessment and Forecasting of Major Clove Diseases. Workshop on Assessment and Forecasting of Pests and Diseases of Industrial Crops, Ciawi, Indonesia, 03/MK/1.
- , Hunt, P. & Asman, A. (1979) Sumatra disease in cloves, *Eugenia caryophyllus* (Sprengel) Bullock & Harrison, of West Sumatra. 4th Clove Workshop, Indonesia.
- , Hunt, P. & Asman, A. (1979) Aetiological Investigations into the Mass Decline of Cloves in West Sumatra. 5th National Congress of Phytopathology, Malang, Indonesia, No.79.