
Specialisations	The social and cultural aspects of environment & natural resources management; Rural communities and development; Social impact assessment Programme & project evaluation; Social surveys and analysis; Qualitative research methods; Stakeholder & community engagement and participation.
Country Experience	New Zealand, Australia, China, India, Bangladesh, North Korea, Indonesia, Solomon Islands, Tonga, Fiji.
Qualifications	Bachelor of Arts (Anthropology), University of Otago, 1973; Post Graduate Diploma of Arts (Anthropology), Univ. of Otago, 1975; Master of Arts (Social Anthropology), Univ. of Otago, 1983.
Training	Logical Framework Analysis (1999); Gender Analysis & Planning (1997); Participatory Rural Appraisal (Robert Chambers, 1997); Global Management Approach to Rural Social and Economic Development Planning (Agnes Gannon, 1994); Production and Operations Management; Organisational Management; Marketing Management (1988-89, University of Canterbury).
Professional Associations	<i>Professional memberships:</i> International Association for Impact Assessment (IAIA); International Association for Public Participation (IAP2), International Association for Society and Resource Management (IASNR), FAO "Forests, Trees & People" network; International Institute for Environment & Development's PRA/PLA network; Australasian Rural Sociology Network (AON); NZ Association for Impact Assessment (NZAIA); Aotearoa New Zealand Evaluation Association, NZ Action Research Network; <i>Other:</i> Honorary teaching fellow, University of Canterbury; Member, Technical Committee for the development of a FSC standard for sustainable forest management for New Zealand (2001-02); Member of Canterbury Development Corporation rural development advisory committee (2000); Member of the Energy Efficiency Conservation Authority advisory group for household energy end-use research (1996-97)

PROFESSIONAL EMPLOYMENT HISTORY

1994 to present:	Sociologist, anthropologist, & principal, Fitzgerald Applied Sociology, Christchurch, New Zealand, Part-time contract lecturer in sustainable development and social impact assessment, Sociology Department, University of Canterbury.
1993-94	Senior Social Scientist, NZ Institute for Social Research & Development Ltd (a Crown Research institute), Christchurch
1991 - 93	Principal Project Officer, Social Impact Unit, Western Australian State Government and part-time lecturer in social impact assessment, Edith Cowan University, Perth, Australia
1985- 91	Senior social scientist, Social Science Section, Department of Scientific and Industrial Research, Christchurch, New Zealand
1983-85	Self Employed Social Scientist and Principle of Nelson Survey Research, New Zealand.
1981-83	Sociologist, Cawthron Technical Group, Cawthron Institute, Nelson.

INTERNATIONAL PROJECT EXPERIENCE

- 2005 -07 Research into the social impacts of invasive animals and social issues around their control in Australia and New Zealand. This is part of an ongoing program of work for the Australasian Cooperative Research Centre on Invasive Animals. Work has included presentations on impact and attitude studies and methods to CRC workshops in Canberra (2005) & Adelaide (2006); a position paper on impact assessment; a published review of the social research literature; development of an approach to the assessment of the social/human impacts of invasive animals; and case study assessments in rural Australia during 2007-2008 (For the Australasian Cooperative Research Centre on Invasive Animals).
- 2004 International social assessment and social safeguards expert for UNDP project (DPRK/03/010/01/99) – “Support to Wonsan Hydro-Power Scheme Development”, Kangwon Province, DPR (North) Korea. Undertook fieldwork, consultations with relevant agencies and NGOs, and reviews of available previous project, social, and poverty studies and reports. Prepared report and recommendations for Government of DPR Korea and UNDP Pyongyang. 5 weeks.
- 2003 International sociologist and livelihoods specialist, “Conservation & Livelihoods Improvement in the Indian Sundarbans”, Asian Development Bank Technical Assistance Project to Government of West Bengal (TA number 3784-IND). Reviewed sociological, conservation, institutional, and sector studies and reports; conducted consultations and planning workshops with government, NGO and community stakeholders in West Bengal; prepared sustainable livelihoods strategy based on DFID livelihoods model; and provided input to conservation and institutional plans. 6 weeks. (For ANZDEC NZ Ltd).
- 2002 International sociological expert/evaluator, mid-term review of UNDP/GEF project “Wetland Biodiversity Conservation & Sustainable Use in China” (CPR/98/G32). As part of international and national team reviewed progress of project of 5-year project covering four internationally significant wetland sites. Review included analysis & review of project documents and expert reports; site visits in Sichuan, Hunan and Heilongjiang provinces; consultations with funding agencies, central, provincial and local level government agencies, NGOs, academies, and local communities. Specific inputs to MTR report on strategic context and issues, project concept & design, site-level social & economic issues, training & capacity building, and alternative livelihoods components. Jointly prepared redesign & reprogramming proposals. (For UNDP China). 5 weeks
- Sociologist, sustainable management auditor, and community consultation specialist, Forest Stewardship Council (FSC) certification assessment of Hancock Victorian Plantations Pty Ltd’s forest plantations in Victoria, Australia. Responsible for community and NGO consultations, and assessment of social, socio-economic and cultural performance of the company, including review of all relevant company documentation, fieldwork throughout Victoria, and preparation of assessment report. (For Smartwood Inc. USA). 4 weeks.
- Socioeconomic assessment specialist in 3-person team for the preparation of a long-term integrated monitoring programme for Gorai River-Sundarbans system, Bangladesh. Included development of monitoring system and indicators, review of institutional arrangements, and development of TOR for contracting monitoring work. With Delft Hydraulics. (For Government of Bangladesh & Government of Netherlands). 3 weeks in country.
- 2000 Rural sociologist and social assessment specialist and for World Bank technical assistance to Gorai River Restoration Project, Bangladesh. Undertook review and redesign of social baseline surveys and available data, agency and rural community consultations, social impact assessment studies, and oversight of local technical specialists. Prepared draft social impact assessment for the river restoration project feasibility report. Particular focus on impacts of continued river degradation and restoration options on poor and landless people, long-term impacts on Sundarban Mangrove Forest system, and project related resettlement. 2 months (1 month in-country). (For the World Bank).

Peer-review of social impact studies of Solomon Islands integrated small-scale and economic development and conservation proposals for Morovo Lagoon region, including ecotourism developments. 1 week (For Greenpeace Pacific).

1999 Evaluator in 3 person international team undertaking a social performance audit/review of FSC sustainable management certification of Perum Perhutani's teak plantations, including fieldwork on social and economic issues, consultations with rural communities, NGOs & government agencies, and audit report preparation. Central Java, Indonesia. 1 month. (For Smartwood Inc., USA).

1997 Sociologist, Tongan Agroforestry Project Implementation. Included facilitating a comprehensive national programme of over 30 village-level participatory rural appraisal (PRA) workshops, compilation of agricultural and social statistics, social and cultural assessment, and joint preparation of the National Agroforestry Strategy for Tonga. Also prepared two specialist reports on socio-cultural aspects of Tongan forestry and agriculture. Two person team, 4 weeks. (For Landcare Research International and NZODA).

1995 & 1997 Sociologist for preparation of a management plan for the 'Eua National Park, Tonga. Included socio-economic analysis, local PRA workshops, & consultations on draft plans with local communities and public and private sector stakeholders. Co-authored Eua National Park Management Plan (published). Two person team, total of 8 weeks. (For Landcare Research as MSA for NZODA)

1995 Sociologist, Tonga Agroforestry Project Feasibility Study. Undertook social and cultural analysis of forestry, agroforestry, and the agricultural system. Facilitated local-level community PRA workshops on forest and land resources and local development needs throughout Tonga, and co-authored report and agroforestry development plan to NZODA.. Two person team. (For Lincoln International & NZODA).

Critical reviewer of social assessment and social policy components of proposed Queensland Planning, Environment and Development Assessment legislation, including the implications for Aboriginal people. (For the Social Impact Assessment Unit, Queensland State Government, Australia).

1994 Mid-term review/evaluation of Makira Integrated Conservation & Development Project, Solomon Islands, including highlands forest eco-tourism and lowlands nut oil production projects. Review included analysis & review of project documents & reports; site visits in Makira province; consultations with government agencies & NGOs, and local communities. Two person team. (For Conservation International and the Biodiversity Conservation Network).

1993 Sociologist for a Solomon Islands Natural Forests Management project identification mission – responsible for social, community and institutional aspects and needs, including site visits, community consultations and report preparation. Three person team (For UKODA and UNDP).

Technical adviser for design and implementation of participatory methods for research and planning for the management of marine resources in the Anarvon Islands area, Solomon Islands. (for Solomon Islands Ministry of Natural Resources).

Sociological advisor on social surveys and participatory research for Makira Integrated Conservation & Development project, and Rennell Island World Heritage listing studies, Solomon Islands. (For the Solomon Islands Development Trust).

Sociologist/anthropologist for Solomon Islands Forest Resources Inventory Project Implementation Phase. Undertook in country analysis of uses of forests, and the social, cultural, political, and gender aspects and issues of forest resources use and resource needs, and local approaches to forest and land management. Involved inventory survey supervision and analysis, community feedback and participatory village and national workshops, preparation of published summary social inventory report, preparation of

social inventory in 3 regional reports, and data for GIS database for forest management planning. (For INFERM & AusAID)

- 1991-93 Senior project officer and advisor, Social Impact Unit, Western Australia. Responsible for advising government decision makers on, and undertaking assessment and management of the social impacts of development projects in Western Australia. Projects included the transfer of the US NW Cape defence communications station to Australian control and down sizing of the workforce and population in Exmouth; various private and public sector mining (iron ore, mineral sands and limestone) proposals, and developments relating to urban land, airports, forest processing, water resources, and tourism facilities in the Southwest, Goldfields, Midwest and Gascoyne regions. Also lectured at two local universities in social impact assessment, and conducted training programmes in public consultation and participatory methods. (For Western Australian State Government).
- 1989-91 Sociologist for Solomon Islands National Forest Resource Inventory Project - pilot and early implementation phases. Contributions included investigation of and reporting on the social and cultural impacts of logging on Guadalcanal and the indigenous uses of forests, including subsistence agriculture; development and field testing of social inventory survey tool and participatory community workshops, leading to full implementation of national survey of forest-using communities as part of multidisciplinary surveys and studies for the National Forest Inventory. Selected & trained the social & environmental inventory team, refined the participatory methods and survey instrument, designed the social components of the forest resources GIS database, and undertook first round of analysis of survey/inventory data and regional report preparation. (For AusAID and ACIL Ltd.)
- 1990 Team leader for social assessment and community studies of the proposed "Ulumbu Mini Geothermal Power Project" for rural electrification and development, Manggari Region, Flores, NTT, Indonesia. Included assembly and analysis of existing social data, consultations with government and other agencies at national and provincial level, fieldwork investigations, local community consultations and interviews, identification of potential small-scale rural development projects, and joint preparation of overall social assessment report. Three person team, 5 weeks. (For NZODA & Government of Indonesia).
- 1989 Sociologist/reviewer - Fiji Northern Rice Development Project mid-term review. Responsible for designing and implementing a socio-economic survey of stakeholder farmers and their households involved in a series of irrigation and drainage projects on Vanua Levu to enhance rice production and reduce rural poverty. Then as a member of a 5 person team, conducted an evaluation of the social outcomes and issues of the project, and prepared relevant sections of the mid-term review report. (For AusAid and AACM Ltd).

SELECTED NEW ZEALAND PROJECTS AND RESEARCH

- 2007 Social and community impact assessment of the proposed Central Plains Water irrigation scheme, Canterbury For URS as part of technical studies for the resource consent applications.
- 2006-07 Social and community impact assessment of a proposed new cement manufacturing plant and associated resource quarries at Weston, North Otago. For Holcim (New Zealand) Ltd as part of technical studies for resource consent application. Expert evidence presented to planning hearing, September 2007.
- Research into Maori labour market experiences and multiple job holding. Involved design, implementation and analysis of focus groups with Maori multiple-job holders as part of a larger programme of research into Multiple Job Holding. Funded by NZ Foundation for Research Science and Technology. (For Taylor Baines Ltd.)

- Research into the benefits of collaboration between social scientists and nanotechnology researchers to inform the development of the NZ Nanoscience and Nanotechnologies Science Roadmap (for the NZ Ministry of Research Science & Technology)
- 2006 An evaluation of interdisciplinary research practises and achievements in climate change research in New Zealand (with Taylor Baines Ltd. For the NZ Ministry of Research Science & Technology)
- Scenario-based demographic and social impact assessment of Christchurch City Council's urban re-development options for New Brighton as part of proposed changes to the city plan. For Christchurch City Council.
- Review of, and preparation of a book chapter on sociology-based and informed approaches to environmental and bio-diversity protection and the selection of policy instruments for regional government decision-makers in New Zealand. For AgResearch Ltd, with Public Good Science Funding.
- Review of sociological studies on the social impacts of shopping centres development in relation to Christchurch City Council's proposed plan variation 86 relating to the size and location of out-of-centre developments. For a private client.
- 2005 Survey of Selwyn District residents' experiences of and attitudes to local rural water services (for Selwyn District Council).
- Development and testing of a rūnanga (local Maori authority) management and development capacity assessment tool. Also developed a model for rūnanga development utilising the DFID sustainable livelihoods framework. For Te Rūnanga o Ngai Tahu (the main South Island tribal authority).
- Research into approaches for assessing community resilience and vulnerability to wildfires in New Zealand, and development of an assessment model. Prepared a working paper on community resilience and approaches to household and community resilience assessment. (For Forest Research/ENSIS with Public Good Science Funding).
- Assessment of older persons' and health services providers' health services information needs as part of the planning of services for older people in Canterbury. Undertook a series of focus groups with older people and individual interviews with health service professional. Prepared a report on the findings and provided recommendations on the development of information services (For the Canterbury District Health Board).
- Comprehensive systematic review and report on the international literature on approaches, methods, and tools for assessing the ex ante impacts and ex post effects of government policies on families. (For the NZ Families Commission)
- 1996 to 2004 Research into longer-term processes and patterns of social and economic change in NZ rural resource-dependent communities. Included documenting the socio-economic impact of economic restructuring and other policy changes over past 15 years, and the development of models for social impacts management. The project involved community studies, sector analyses, review of business ownership and performance, and surveys of personal working lives in forestry, mining, farming, energy, fishing, and tourism communities in New Zealand. Joint programme leader, and directly responsible for 6 of 18 community studies, 2 sector reviews, comparative community analyses, and the survey of working life histories. Personal outputs to date have included 3 book chapters, 4 international conference papers, a series of published working papers, and an unpublished book draft (With Taylor Baines & Associates - with Public Good Science Funding).
- Sociologist, for public-good science funded action research project into Sustainable Management of Maori-Owned Indigenous Forest. Project involved working with Maori partners in the southern region of New Zealand to understand current forest uses and develop options for sustainable natural forest management. Undertook participatory planning, assessment, and monitoring, along with national surveys of Maori and private non-Maori indigenous forest resource owners in New Zealand. The latter focused on

values, uses of, and attitudes to indigenous forests, options for management, and barriers to sustainable management. Prepared research reports and international conference papers (With University of Canterbury).

- 2003-04 Research into the effects of and issues associated with living with power transmission infrastructure. Included a series of focus groups conducted with rural and urban land owners in the North Island and the South Island with electricity transmission infrastructure on their properties and/or neighbourhoods. Socio-demographic analysis of communities and neighbourhoods within two NZ transmission corridors. Overall research leader. Output included two published research reports. (For Transpower NZ Ltd - the operators of the NZ national power transmission "grid").
- Social Impact assessment of the proposed Meridian Energy "Project Aqua" canal-based hydroelectric development on the lower Waitaki River. Investigated the existing social and economic situation in the wider North Otago -South Canterbury community and assessed the possible social effects of the project and of the potential use of Campbell Park for construction worker accommodation. Prepared formal responses under the RMA, and two public technical reports. (For Meridian Energy Ltd).
- 2000-03 Research into public and stakeholder attitudes to the development and use of biological controls for feral stoats (a major biodiversity threat in NZ). Included a series of stakeholder and community focus groups (2001), followed by a national-level telephone survey, (involving team of 20) in 2002. Principal author for two published research reports (For the NZ Department of Conservation).
- 2002-03 Survey of Christchurch urban and peri-urban residents' experience of environmental noise. Undertook the methodological development, questionnaire design, data analysis, and reporting. Additional analysis of impacts of noise from Christchurch International Airport as part of town planning (With Taylor Baines & Associates for Christchurch City Council, Environment Canterbury, and the Christchurch International Airport Company).
- 1999-2002 Social assessor & auditor, Forest Stewardship Council sustainable forest management certification in NZ. As a member of several multi-disciplinary teams, have undertaken four full assessments (two on major NZ plantation companies - Carter Holt Harvey Forests, Fletcher Challenge Forests), two pre-assessments, and two annual audits. Each involved review of company documentation, policies, policy implementation, site visits, and extensive consultations with management, employees, contractors, local landowners and communities, and other stakeholders. Also peer reviewed four assessments relating to other forest companies. (For Smartwood USA, Scientific Certification Systems USA, & SGS Qualifor).
- 1999-2001 National study into public attitudes to, and issues in, the development and use of fertility-based biocontrols, including GMOs, for feral possum control in New Zealand. Designed & facilitated a series of stakeholder and public focus groups. This was followed by the design, implementation and analysis of a national telephone survey of NZ Public. (For Landcare Research, and NZ Parliamentary Commissioner for the Environment – with Government Science Funding. (Outputs to date include a book chapter, 2 published research reports, & 2 international conference papers)
- 2000 Social impact assessment update for the proposed Globe Gold Mine at Reefton, New Zealand (for GRD Macraes Ltd)
- 1995-99 Sociologist in an extensive research programme examining the social, behavioural, and physical factors shaping residential (domestic) electricity consumption in New Zealand homes. Research included a series of studies based on continuous monitoring of energy use at household and neighbourhood level in Christchurch, Wellington, & Wanganui. Also included a survey of 500 Christchurch households on their current and potential use of energy efficient technologies, energy saving measures, and possible response to demand management. Outputs included 5 research reports and 4 conference papers. (initially with with Industrial Research Ltd and then Building Research Association of NZ Household Energy End-use programme - with Government science funding).

- 1999 Social impact assessment of the proposed amalgamation of the Banks Peninsula District Council (a rural district) with Christchurch City. (For Banks Peninsula District Council).
- 1997-98 Sociologist on a team researching impediments to the uptake of new energy technologies in New Zealand. Included development and application of a soft-systems approach, a series of stakeholder focus groups, interviews, and detailed case studies. Co-authored several research reports (With Industrial Research Ltd & Government public good science funding).
- 1996-98 Action research and development of a community-based approach to conservation management, involving rural communities in the Clarence/East Coast area of the South Island. The work combined social research and facilitating the development of a new community landcare organisation. Project utilised PRA for planning and implementation. (For NZ Department of Conservation and the East Coast Community Organisation).
- Adviser on participatory planning and research for three local community social & economic development projects in rural Canterbury. (For the Community Employment Group of the Department of Work & Income)
- 1996-97 Research on public attitudes and issues regarding the potential introduction of the biocontrol agent Rabbit Calicivirus Disease (RCD/RHD) to control feral rabbits in rural New Zealand. Included a programme of stakeholder and community focus groups followed by design and implementation of a national public telephone survey – as a follow-up to the 1994/95 research into biocontrol. (With Landcare Research and public good science funding,).
- 1995 Research into values, attitudes and beliefs of peri-urban land users – based on a series of focus groups with stakeholders and land users adjacent to the Christchurch urban area. (For Landcare Research).
- 1994-95 Research into public attitudes to, and social implications of introducing biological control for feral possums and rabbits in New Zealand. Involved a series of focus groups with stakeholders and communities, followed by a national survey of the NZ public. Also undertook a review of issues in risk perception and communication. Team leader. Outputs included 3 book chapters & 2 published research reports. (For NZ Ministry of Agriculture & Fisheries).
- Survey of the recreational use of Lake Coleridge, as part of hydro-electric water resource planning and lake management. (With Taylor Baines & Associates, for NZ Electricity Corporation Ltd).
- 1993-94 Research into, and development of a model for monitoring state of the social/human environment at local and regional government levels in New Zealand. Outputs included 2 publications and a series of local government seminars (with public good science funding).
- 1991 Social impact assessments of proposals to establish casino/hotel complexes in Auckland and Christchurch. (With Taylor Baines for Fletcher Challenge Ltd).
- Social impact advisor and community consultations facilitator on rail transport infrastructure development in Christchurch. (For the NZ Parliamentary Commissioner for the Environment)
- Preparation of a definitive bibliography of social assessment in New Zealand. (For NZ Ministry for the Environment).
- Research into the use and understanding of flood hazard and risk information and terminology among flood information users and the public. (For the NZ Ministry for the Environment).
- 1990 Survey of uses and users of the Marlborough Sounds environment & resources, as part of the Marlborough Coastal Resources Inventory Study for marine and coastal

planning. (For the NZ Ministry of Agriculture and Fisheries & Marlborough Regional Council).

Rabbit & Land Management Programme (RLMP) social monitoring, South Island. Designed and analysed a survey of high country land-users, then facilitated feedback consultations with landowners. (For the NZ Ministry of Agriculture)

1989 Social and demographic profiling of the Chatham Islands, and research into the informal economy, as part of the NZ Cabinet Review of Chatham Islands Economy. (For Lincoln International & Taylor Baines Associates).

Survey design for a regional study of wind erosion and associated land problems on Canterbury farms. (For Canterbury Regional Council)

1988-89 Research into, and development of an approach for assessing the social impacts of climate change on New Zealand. Co-authored a research report. (With Centre for Resource Management, for the NZ Ministry for the Environment).

1987-88 Assessment of the employment and training needs in Christchurch labour market. Included team management, analysis of official statistics and trends, design and implementation of surveys of businesses, reporting, & media presentations. Programme also included survey of 2400 enterprises examining the employment implications of the adoption of automated manufacturing and information processing technologies. (NZ Government science funding, and NZ Department of Labour).

Social and economic impact assessment, infrastructure studies, and public consultations for the proposed Rapahoe Coal Field Development, West Coast South Island, NZ. (For Greymouth Coal Ltd).

Assessment of the potential social impacts, and the implications for social policy of major technological developments. Co-authored discussion paper. (For the NZ Royal Commission on Social Policy).

Preparation of discussion document on the role of social impact assessment in NZ government planning and social policy making. Co-authored a discussion paper. (With the National Social Impact Assessment Working Group, for the NZ Royal Commission on Social Policy).

1987 Review of social impact studies on Cyprus Minerals' Golden Cross gold & silver mining project, Coromandel. (For Applied Geology Associates)

Multidisciplinary team participant for the design of social impact studies for the NZ Nuclear Impacts Study. (For NZ Planning Council).

1985-86 Social impact assessment of the Martha Hill gold & silver mining project, Waihi, NZ. This was a major social impact assessment of a project of national significance, involving: community studies; assembly and analysis of secondary data; historical analysis; impact prediction, management and mitigation; an ongoing programme of community consultation; and presentation of evidence to Environment Court hearings. (For Waihi Gold Ltd).

Social and economic impact assessment of the proposed Mt Cavandish Gondola tourism project, Christchurch. Involved community studies and public consultations. (For Davis Olgilvie and Partners)

1985 Survey of marine recreational fishing in the Nelson and Marlborough regions - including design, implementation and analysis, and management of 10 person survey team over a two month period. (For NZ Ministry of Agriculture and Fisheries).

Survey of river-based recreation in Marlborough region, including design of research programme, questionnaire development, analysis of data, and survey team management. (For Marlborough Catchment Board)

- Community needs survey for the Tahunanui area, Nelson City. (For the Tahunanui Community Development Group).
- 1984 Social impact assessment of the Deep Cove, Fiordland Water Export Project. Included community studies, a survey of Southland region residents, public consultations and reporting. (For Triune Resources Ltd).
- Investigation of the social and economic aspects of the Challenger Fishery, and preparation of Draft Fisheries Management Plan. (For the Ministry of Agriculture and Fisheries).
- Research into the recreational use of the five rivers of the Waimea Catchment, Nelson. Included surveys of on-site users and the public. (For the Nelson Catchment and Regional Water Board).
- 1983 Social impact assessment of a proposed development of an urban refuse landfill at York Valley, Nelson. (For Bishopdale Developments Ltd).
- Design & analysis of the National Survey of Craft Weavers in New Zealand. (For NZ Crafts Council).
- Assessment of the social impacts of the construction and operation of the proposed Eves Valley sawmill/chipmill complex, as part of the overall environmental assessment and reporting requirements. (For H Baigent & Sons Ltd).
- 1982 Environmental and social impact assessment of a roading and estuary reclamation proposal for provision of access to Bests Island, Nelson. (For the Waimea County Council, Nelson Region).
- Design and analysis of a regional survey of coastal recreation in Nelson as part of preparation of the Regional Plan. (For the Nelson Bays United Council) .
- 1981 National study of problems and issues in rural housing in NZ. Involved design and implementation of two national surveys, and extensive consultations with stakeholders. (For the NZ National Housing Commission).
- Social and economic impact assessment of two proposed hydroelectric dams at Luggate and Queensberry on the Upper Clutha River. This was an early major social impact study in New Zealand. Included community studies; consultations with the district's rural residents; design, implementation and analysis of a series of visitor and recreational users surveys, management of the 6 person survey team, and preparation of an Environmental Impact Report. (For the NZ Ministry of Works and Development)

SELECTED PARTICIPATION, CONSULTATION & FACILITATION EXPERIENCE

In addition to participatory exercises, community engagement, and facilitation of focus groups and workshops undertaken as part of projects and research as above:

- 2007 Facilitator, community consultations for an update of the strategic plan for Governors Bay School, Christchurch.
- 2000 Facilitator & designer of a workshop to determine priorities for research under new Stoat Control Initiatives Fund. (For NZ Department of Conservation).
- 1999 Facilitator of national workshop to select climate change indicators for NZ Environment Indicators Programme. (For NZ Ministry For the Environment and the NZ Royal Society).
- 1998 Workshop chairman and facilitator, NZ Association for Social Assessment workshop on Social Indicators in Assessment and Policy Development, Wellington, 6 November 1998.

- Designer and chief facilitator of multi-stakeholder workshop to explore stakeholder perspectives and issues associated with private and public interests in rural land. (For NZ Ministry of Agriculture).
- 1997 Workshop group facilitator, UNESCO/MAF workshop on Managing Social Transformation in Rural New Zealand, 21 October, 1997
- 1995-96 Facilitator and designer for farmer focus groups on their preferences for the management of the Papanui Irrigation Water Race, May 1996. (For Agriculture New Zealand).
- Facilitator and designer of public focus groups on perceptions, attitudes, and use of Christchurch's City Centre. August, 1996. (For Christchurch City Council)
- Facilitator of three regional rural community workshops on implementing sustainable agriculture in NZ. (For NZ Ministry of Agriculture & AgResearch Ltd).
- 1995 Facilitator of the national Multi-Stakeholder Workshop on development and use of Rabbit Calicivirus Disease for rabbit control, Alexandra, June 1995. (For NZ Ministry of Agriculture and Landcare Research.)
- Designer & facilitator of regional planning workshops on issues and management options for soils and land use in rural Canterbury. (For Canterbury Regional Council).
- Designer and facilitator, public focus group discussions on the perception and management of natural hazards. (For University of Canterbury and Lincoln Ventures)
- Facilitator, focus group discussions on grower's perceptions of the role of middlemen in the marketing of fresh produce. Christchurch, October, 1997. (For Agriculture New Zealand).
- Author of the chapter "Community-based and consultative techniques" in Taylor et al's textbook "Social Assessment: Theory Process and Techniques" (1995 and 1990).
- 1994 Designer and Facilitator, National Institute for Water and Atmosphere's River Ecosystems Research Programme End-User Workshop as part of strategic planning for research programmes. Hamilton, October, 1994. (For NZ National Institute for Water and Atmospheric Research).
- Assistant facilitator, Agnes Gannon Training Programme in the "Global Management Approach to Rural Economic and Social Development". Waimate, 25-29 July 1994. (For Community Employment Group).
- Group facilitator, Waikato Regional Workshops on development of sustainable agriculture. For AgResearch, Federated Farmers, and Environment Waikato. Whatawhata, April 1994.
- 1990 Public consultation facilitator, social monitoring studies for the NZ Government's Rabbit & Land Management Programme. (For NZ Ministry of Agriculture).
- 1988 Developed and facilitated an in-house workshop on Managing Change. (For NZ Dept. of Labour).

TEACHING & CAPACITY BUILDING EXPERIENCE

- 2005-06 Contract lecturer, Sustainable Development (237/337 course), Sociology Department, University of Canterbury. Presented 5 lecture sessions:
- Current international development issues
 - Poverty and poverty assessment,
 - Livelihoods and the Sustainable Livelihoods Framework;

- Development planning & practise– the Indian Sundarbans case;
- Participation in development and applications of PRA/PLA;

- 1986 to 2006 Sessional lecturer, post graduate course in Social Impact Assessment, Sociology Department, University of Canterbury.
- 1996 to 2003 Sessional lecturer in social impact assessment, survey methods, and PRA for Forestry School, University of Canterbury.
- 2001-02 Course developer & trainer in social impact assessment for FSC forest management certification. Separate courses run for 3 plantation forestry companies - Ernslaw One Ltd, NZ Forest Managers Ltd, and Timberlands West Coast Ltd.
- 2001 Lecturer in Community Development, Institute for Regional Development, University of Western Australia, Perth. (two lectures covering community cohesion, and facilitating community development, delivered via the internet).
- 1996 Contract lecturer in social & agroforestry, Farm Management Department, Lincoln University, New Zealand
- 1993-95 Trainer in Social Assessment and Participatory Forest Management, ASEAN & Indochinese Tropical Rainforest Managers' Training Programmes, Australia 1993-1995. For IDP and IFERM Australia on behalf of AusAID.
- Course organiser and lecturer, for two three-day Social Impact Assessment professional development courses for public and private sector participants - Perth, Australia, 1993. For Department of State Development.
- 1992 Lecturer and course developer in Social Impact Assessment (SIA) - for the Psychology Department, Edith Cowan University, Perth, Australia. Involved 13 three hour lectures (and practicals) at the fourth year level and covered SIA theory, approaches, methodologies, research methods and techniques, and practise.
- Lecturer/facilitator for six one-day public participation training seminars for planners, consultants, & decision makers in public and private sector. For Social Impact Unit, Perth, Australia.
- Guest lecturer in Social Impact Assessment, School of Environmental Studies, Murdoch University, Perth, Australia.
- Lecturer in social impacts assessment and mine management for Steel Authority of India mine planner's training programme, Perth, Australia. (For Kinhill Engineering and AIDAB).
- Course lecturer in SIA methods and community involvement for specialist professional 3 day training courses held in Urbana-Champaign, (USA), Christchurch (NZ), and Brisbane (Australia). (For International Association for Impact Assessment).
- 1975 to 1980 Tutor in Social Anthropology, Anthropology Department, University of Otago, Dunedin, New Zealand. Taught on part time and full time basis (12 classes/week). Courses taught included social anthropology theory and methods and covered Australian Aboriginal, Solomon Islands, Melanesian, Polynesian, and Indonesian cultures.

SELECTED PUBLICATIONS, SIGNIFICANT REPORTS, & PAPERS

- 2007 Taylor Baines, Fitzgerald Applied Sociology, and People & Places
Central Plains Irrigation Scheme social impact assessment. URS & Central Plains Water.
- with Nicholas Fitzgerald & Carl Davidson
Public Attitudes towards invasive animals and their impacts: a summary and review of the Australasian and selected international research. Canberra. University of Canberra and the Cooperative Research Centre on Invasive Animals.
- Taylor, N., Fitzgerald, G. Robertson, N, McClintock, W.(2007). "Labour market changes and social capital: some issues for social policy". Paper prepared for the Social Policy Research and Evaluation (SPRE) Conference, Wellington, 3-5 April, 2007.
- with Nicholas Fitzgerald
Holcim(New Zealand) Ltd proposed Weston Option cement plant development: social and community effects assessment. Christchurch, Fitzgerald Applied Sociology.
- 2006 "The use of scenarios assessing the impacts of hydro development construction on local communities". Proceedings of the Annual Conference 'Assessing the impacts of energy development', NZ Association for Impact Assessment, Dunedin, 30 November – 1 December, 2006.
- "The enduring rural community: an endangered species?". Key note presentation to NZ Landcare Trust 10th Anniversary Symposium, Wellington, 17 October, 2006.
- Fitzgerald, G. (2006) "Public attitudes to pest animals and their control in New Zealand". Presentation to the Australasian Cooperative Research Centre for Invasive Animals Pest Control Uptake Workshop, Adelaide, 26-27 July, 2006.
- with Nicholas Fitzgerald
"A sociological perspective on biodiversity protection policy". In Terry G Parminter (ed), *Theoretical Frameworks for Policy: A description of world views underlying alternative decision making frameworks and how these can influence policy strategy and formulation for biodiversity*. Hamilton, Agresearch Ltd.
- with R. Wilkinson
Public attitudes toward possum fertility control and genetic engineering in New Zealand. Landcare Research Science Series 29, Manaaki Whenua Press, Lincoln.
- 2005 "Counting the Social Cost of Invasive Animals". A discussion paper and presentation to the Counting the Cost Workshop, Australasian Cooperative Research Centre for Invasive Animals, Canberra, 7-9 November 2005.
- with Nicholas Fitzgerald & Roger Wilkinson
Public attitudes towards stoats and stoat control methods: Findings of a survey of the New Zealand public. Science for Conservation number 253. Department of Conservation, Wellington.
- With Nicholas Fitzgerald
Older persons' and health service providers' access to health services information in Canterbury. Unpublished report prepared for the Canterbury District Health Board. Fitzgerald Applied Sociology, Christchurch.
- With Carl Davidson
Methods for assessing the impacts of government policies on families: a review of the literature. Unpublished report prepared for the NZ Families Commission. Fitzgerald Applied Sociology.

With Nicholas Fitzgerald
Assessing community resilience to wildfires: concepts and approach. Working paper prepared for Scion Research/Forest Research. Fitzgerald Applied Sociology, Christchurch.

2004 with Nicholas Fitzgerald
Living with power transmission infrastructure: Report on the Transpower Landowner Focus Groups. Christchurch: Fitzgerald Applied Sociology & Transpower NZ Ltd, <http://www.networkupgrade.co.nz>

With Nicholas Fitzgerald
Socio-demographic profile of the residents along the Transpower Whakamara to Otahuhu & Roxburgh to Islington electricity transmission corridors. Fitzgerald Applied Sociology, for Transpower NZ Ltd. <http://www.networkupgrade.co.nz>

with Nick Taylor & Wayne McClintock
"Social assessment of hydro-electricity development: lessons from the New Zealand experience". Paper prepared for the Annual Meeting of the International Association for Impact Assessment, Vancouver, 26-29 June 2004.

"Māori experiences, values and preferences in indigenous forest management in New Zealand". Paper prepared for the International Symposium for Society and Resource Management, Keystone, Colorado, 3-7 June, 2004

Fitzgerald Applied Sociology and Boffa Miskell Limited
Project Aqua workforce accommodation at Campbell Park: assessment of local community and social effects. Christchurch, Meridian Energy Ltd

2003 Fitzgerald Applied Sociology and Boffa Miskell Limited
Project Aqua community and social effects: further assessment report. Christchurch, Meridian Energy Ltd.

"Jobs or sustainable livelihoods?". Paper presented to the Christchurch conference on the Future of Work, Christchurch, 12 November, 2003.

with N. Devoe.
"Conservation, cost and income: New Zealand farmers' values in forest management". In *Conference Proceedings, Joint Australia and New Zealand Institute of Forestry, 27 April-1 May, 2003*. pp399-408.

Computer-Based Qualitative Data Analysis. In Henk Becker and Frank Vanclay (Eds), *Handbook of Social Impact Assessment, Conceptual and Methodological Advances*, Cheltenham: Edward Elgar.

with N. Taylor, C. Goodrich, and W. McClintock.
Undertaking longitudinal research. In Henk Becker and Frank Vanclay (Eds), *Handbook of Social Impact Assessment, Conceptual and Methodological Advances*, Cheltenham: Edward Elgar. (In press)

"The Sustainable Livelihoods Framework: an introduction". Seminar paper for the Social Research Centre, Canterbury University, July, 2003

2002 with N Fitzgerald & R Wilkinson.
Social Acceptability of Stoats and Stoat Control Methods: focus group findings. Science for Conservation, number 207. Department of Conservation, Wellington, New Zealand.

With N Taylor & W McClintock
"The impacts of resource sector restructuring on occupational and community identity". Paper presented to IAIA '02, the Annual Meeting of the International Association for Impact Assessment, The Hague, Netherlands, 17-21 June, 2002.

2001 with W. McClintock & N. Taylor

"Mining Communities in New Zealand". *New Zealand Mining*, 29:p 44-50. August 2001

with N. Taylor, and W. McClintock

"Resource Community Formation and Change in New Zealand: a Framework for Social Assessment" . In Geoffrey Lawrence *et al* (eds): *Environment, Society and Natural Resource Management*. Edward Elgar, UK

Gorai River Restoration Project, Bangladesh: Social Impact Assessment. Unpublished report prepared for World Bank, Dhaka.

"The Institutionalisation of Social Assessment in New Zealand Natural Resource Management Research Institutions: a search for legitimacy in changing times". In Alan Dale, Nick Taylor, & Marcus Lane (eds) *Social Assessment In Natural Resource Management Institutions*. CSIRO Publishing, Canberra.

2000

with R. Wilkinson & L. Saunders

" Public Perceptions and Issues in Possum Management". In T.L Montage (ed): *The Brushtail Possum: Biology, Impact and Management of an Introduced Marsupial*. Manaaki Whenua Press, Lincoln, New Zealand

Twizel: Working paper 22, Community Studies in Resource Community Formation and Change . Taylor Baines & Associates, Christchurch

Manapouri: Working paper 21, Community Studies in Resource Community Formation and Change . Taylor Baines & Associates, Christchurch, (2000)

with R. Wilkinson & D. Chittenden

"Public and interest group perceptions of possum fertility controls: report on a series of focus groups". Landcare Research, Lincoln.

With Albrecht Stoecklein, Andrew Pollard, Jeremy Tries, Michael Camilleri, and Nigel Isaacs, "Understanding Energy End-Use in New Zealand Houses". Proceedings of the ACEE conference, 2000.

1999

Community involvement In Conservation Management Issues: a New Zealand Action Research Project. Science for Conservation series, 21. Department of Conservation, Wellington

"The application of social science research to problems of energy sustainability in New Zealand" . *Proceedings of the Royal Society Seminar "Forging Links: Social and Environmental Sustainability & Social Science Research"*, August 5, 1999, Wellington.

with N. Taylor

"Resource community formation and change in New Zealand" . Paper presented to International Symposium on Society and Resource Management (ISSRM), Brisbane, July 1999.

Energy Sector Overview: a working paper prepared for the Foundation for Research Science & Technology research project – Resource Community Formation & Change. Taylor Baines & Associates, Christchurch

with R. Wilkinson

"Public perception of pests in New Zealand: essential information for moving forward." Paper to Manaaki Whenua Conference "Science for Resource Management", Wellington 22 April, 1999.

with R. Wilkinson

"Doing good, doing harm?: public debate about Rabbit Calicivirus Disease in New Zealand. In Burch, D., Goss, J., & Lawrence, G., (eds) *Restructuring Global and Regional Agricultures: Transformations in Australasian Agri-food Economies and Spaces*. Ashgate Publishing, Aldershot, UK. .

- 1998 with I. Sanders
 "Electricity Demand Management Potential In The New Zealand Domestic Sector." Paper Presented to Solar '98 - Annual Conference of the Australian & New Zealand Solar Energy Society, November, 1998. Christchurch
- with I. Sanders, J. Baines & J. Gough
Barriers and Impediments to the Uptake of New and Emerging Energy Technologies. Industrial Research Ltd, Christchurch
- Waihi. Working paper 9, community studies in Resource Community Formation and Change. Taylor Baines & Associates, Christchurch.
- Ohai. Working paper 11, community studies in Resource Community Formation and Change . Taylor Baines & Associates, Christchurch.
- with N. Taylor
 Rununga. Working paper 10, community studies in Resource Community Formation and Change. Taylor Baines & Associates, Christchurch.
- with W. McClintock
 Tuatapere. Working paper 8, community studies in Resource Community Formation and Change. Taylor Baines & Associates, Christchurch.
- The Potential For Management of Electricity Demand in the New Zealand Domestic Sector: research report on a survey of Christchurch Households. Industrial Research Ltd, Christchurch
- with N. Taylor
 "Tongan Agricultural Development: case studies of participation at the village level". Paper presented to the 18th Annual meeting of the International Association for Impact Assessment, Christchurch, 19-24 April, 1998.
- with R. Wilkinson
Public attitudes to Rabbit Calicivirus Disease to New Zealand. Landcare Research Science Series report no 20, Landcare Research Ltd, Lincoln, New Zealand
- with L. Saunders and R. Wilkinson.
Occupying Space: Whose Ethics and Values?. Landcare Research Science Series, Landcare Research, Christchurch.
- 1997 with P.Bellingham.
Management Plan for the 'Eua National Park, Kingdom of Tonga. Landcare Research for NZ Ministry of Foreign Affairs & Trade & Tongan Ministry of Agriculture. Christchurch NZ.
- With R. Wilkinson.
 "Public perceptions of biological control of rabbits in New Zealand: some ethical and practical issues". *Agriculture & Human Values* 14: p273-282, 1997
- NZODA Tonga Forestry Project: Report on Agroforestry Sociological Investigations and Participatory Agroforestry Planning. Fitzgerald Applied Sociology for Landcare Research, Christchurch.
- with I. McCracken
 Kingdom of Tonga National Agroforestry Masterplan. Landcare Research NZ Ltd, Lincoln.
- with G. Ryan.
 "A strategy for implementing demand side management for domestic electricity in New Zealand". Presented at 1997 IPENZ conference, Wellington, February, 1997.
- 1996 with R. Wilkinson, H. Bezar, & D. Macer

“Perceptions are reality: New Zealanders' perceptions of biological hazards”. In *Money & Morals; mad cows and mutants. Are they worth the risk?. Proceedings of a conference*, Sydney, September 1996.

with G. Ryan.

“Factors in Appliance - Circuit Level Domestic Electricity Consumption”. Research Report, Industrial Research Ltd, Christchurch.

with L. Saunders and R. Wilkinson

Public perceptions and issues in the present and future management of possums. MAF Policy Technical Paper 96/4, Ministry of Agriculture, Wellington.

with L. Saunders and R. Wilkinson.

Public attitudes to the biological control of rabbits in New Zealand. MAF Policy Technical Paper 96/3, Ministry of Agriculture, Wellington.

1995

Socio-economic factors in neighbourhood electricity consumption. Research Report, Industrial Research Ltd, Christchurch. (also on web site).

Social factors in electricity consumption. Research report, Industrial Research Ltd, Christchurch. (also on web site).

“Kingdom of Tonga - Social & Cultural Factors in Agroforestry Development: Working paper for a Feasibility Study on Agroforestry Development in the Kingdom of Tonga.” Fitzgerald Applied Sociology, Christchurch, for Lincoln International.

With I. McCracken

Agroforestry Development in the Kingdom of Tonga: Feasibility Study. Lincoln International, Lincoln.

“Secondary Data and Surveys”. In *Social Assessment: Theory Process and Techniques*. Taylor, N, H Bryan, & C Goodrich. Taylor Baines, Christchurch. (2nd edition).

[Text book]

“Community-Based and Consultative Techniques”. In *Social Assessment: Theory Process and Techniques*. Taylor, N, H Bryan, & C Goodrich. Taylor Baines, Christchurch. (2nd edition)

1994

Social Monitoring for Territorial Authorities. NZ Institute for Social Research & Development. Christchurch, NZ

An Approach to Implementing Monitoring of the State of the Social Environment in Territorial Local Authorities. NZ Institute for Social Research & Development, Christchurch, NZ.

with P. Schoeffel & A. Loveridge

Forest Utilisation in the Solomon Islands: social aspects and issues. Solomon Islands National Forest Resources Inventory Working Paper 19. ACIL Australia Pty Ltd, Melbourne.

1993

Social Aspects of Solomon Islands Forest Resources and Natural Forest Management: report for UNDP Natural Forest Management Project Mission, November 1993. UNDP & UKODA, Honiara, 1993.

with L. Basher

A Guide for Monitoring Under the Resource Management Act, 1991. Landcare Research, Lincoln, New Zealand.

Solomon Islands National Forest Resources Inventory: report on the forests of Rennell: the needs of local communities. ACIL Australia Pty, Melbourne.

- 1991 "Social Assessment and Rapid Rural Appraisal: the Long and the Short of It". Paper presented to Eleventh Annual Meeting of the International Association for Impact Assessment, University of Illinois at Urbana Champaign, USA June 7-11, 1991.
- with P. Schoeffel
 "Forestry, Development and Customary Land Tenure: The Political Economy of Forestry in the Pacific Islands". Paper presented to the XVII Pacific Science Congress, Hawaii, May-June 1991.
- with C. N. Taylor
Social Assessment In New Zealand: A Bibliography. DSIR Social Science Series No.4. DSIR Social Science, Christchurch.
- Solomon Island National Forest Resources Inventory: Sociological Survey of Villages in the Pilot Area: Volume 1 Main Report: Social Context of Forestry; Volume 2 Annex: Socio-Economic Profile. DSIR Social Science, Christchurch.
- with A. Loveridge
 Marlborough Sounds Coastal Resources Interests Study. Prepared by Royds Garden Ltd, DSIR Social Science, Geography Department University of Canterbury, Christchurch.
- 1990 with P. Schoeffel
 Flores Mini Geothermal Power Project: Stage II Social Impact Assessment. DSIR Social Science, Christchurch
- 1989 *Fiji-Australia Mid-term Review Northern Rice Development Project: Sociological Assessment*. AACM Ltd, Australia
- with Taylor Baines & Lincoln International
 Review of the Chatham Islands Economy. Prepared by Taylor Baines and Lincoln International for NZ Department of Internal Affairs
- with C. N. Taylor
 "New Zealand Resource Communities". *Impact Assessment Bulletin* 6 (2) p55-70.
- with C N. Taylor & J. Baines
An Approach to Assessing the Impacts of Climate Change. Centre for Resource Management, Christchurch.
- 1988 with C. N. Taylor
Social and economic studies Technical Report, Greymouth Coal Ltd development at Rapahoe. Beca, Carter, Hollings and Ferner, Wellington. (88p)
- with C.N. Taylor
Social and other infrastructural requirements for the Greymouth Coal Ltd development at Rapahoe. Report to Beca, Carter, Hollings, and Ferner, Wellington.
- with C. N. Taylor
 "New Zealand Resource Communities; Impact Assessment and Management in Response to Rapid Economic Change". Paper presented to Seventh Annual Meeting and Conference of the International Association for Impact Assessment, Griffith University, Brisbane 5-8 July, 1988.
- with P. Couchman and J. Warren
 "Technological change and social policy: a directions paper". Royal Commission on Social Policy, Wellington. (178p)
- with Social Impact Assessment Working Group
 "Social Impact Assessment and Social Policy: A discussion paper for the Royal Commission on Social Policy". Royal Commission on Social Policy, Wellington. (48p)
- 1987 with J. Warren (et al)

Employment in Christchurch: Directions and Opportunities: a research report. Canterbury Regional Employment and Access Council and the Canterbury Women's Employment Trust, Christchurch. (70p)

"Enter the Robot". *Automation and Control*, May 1987

"Issues for Social Research", in *Technology and Society: New Directions in Social Research*. Proceedings of SSRFC symposium, Wellington, November.

1986 "Social Aspects of the Introduction of Programmable Automation: some considerations for New Zealand manufacturers". Paper to the First National Conference on Robotics and Handling Automation, 20-21 November 1986. Auckland.

with D. Shaw

Waimea Catchment: a recreation survey. Nelson Catchment and Regional Water Board, Nelson. (203p)

with J. Warren

Mt Cavandish Gondola Project: Preliminary Social Impact Assessment. Report prepared for Davis Olgilvie and Partners, Social Science Unit, DSIR, Christchurch.

1985 Marine Recreational Fishing in Nelson and Marlborough Regions: report on a survey December 1984 - February 1985. Report prepared for Ministry of Agriculture and Fisheries, Nelson.

Martha Hill Project Social Impact Assessment Report. Fitzgerald Social Research, Nelson.

Martha Hill Project Environmental Impact Report: Social Impacts. Waihi Gold Company, Waihi.

1984 with E. Sawkins
A Study of Fulltime Craft Weavers in New Zealand. Department of Internal Affairs, Wellington.

(with Challenger Plan Development Team)

Draft Challenger Proposed Fishery Management Plan: Preliminary Phase: Background to the Fisheries, Issues and Problems. Ministry of Agriculture and Fisheries, Nelson.

with J. Bamford, et al

Environmental Impact Report: Triune Resources Corporation proposal to export water from Deep Cove, Fiordland to overseas destinations. John Bamford Associates, Nelson. (201p)

The Social Implications of the Establishment of a refuse Tip at York Valley, Nelson. Report prepared for Bishopdale Developments Ltd, Nelson.

1983 "The social impact of development projects". Paper presented to the 1983 Conference of NZ Health Inspectors, Nelson.

with J. Bamford

Environmental Impact Assessment: Bests Island Roding Proposal. Cawthron Technical Group for the Waimea County Council, Nelson.

with W. Armstrong and J. Bamford

H.Baigent & Sons Eves Valley Sawmill Project: Environmental Assessment. Cawthron Technical Group, Nelson.

1982 *Rural Housing in New Zealand: A Study into the Current Issues and Problems.* National Housing Commission, Wellington. (145p).

with Paul Grocott

Methodologies Used to Assess the Social and Economic Impact of Land Use Changes Involving Forestry. Cawthron Technical Group for the NZ Forestry Council. Nelson.

1981

with W. Armstrong, J Bamford, A. Lindop and J. Mitchell

Clutha Power Development Luggate and Queensberry Projects: Social Impact Monitoring and Assessment Stage 1B - Social Impact Assessment. Cawthron Technical Group and the Ministry of Works and Development, Wellington. (360p).

Refugee and Migrant Resettlement and Adjustment in New Zealand, 1964 - 1976. Thesis submitted for MA in Anthropology, University of Otago, Dunedin.