
CURRICULUM VITAE

- NAME:** GREER, Raymond Lewis
- DATE OF BIRTH:** 17 May 1950
- NATIONALITY:** New Zealander and Irish (dual citizenship)
- CONTACT DETAILS:** Tel: +(64-9) 480 6228
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E-mail: rgreer@attglobal.net
- EDUCATION:**
- Diploma in Development Studies, Massey University, New Zealand, 1994
 - Bachelor of Agricultural Commerce, Lincoln University, New Zealand, 1973
 - Diploma in Valuation and Farm Management, Lincoln University, New Zealand, 1971
 - Diploma in Agriculture (with distinction) Lincoln University, New Zealand, 1970
- OTHER TRAINING:**
- Public Sector Management, (extramural paper) 1999
 - Monitoring and Evaluation Workshop 1999
 - COSTAB and FARMOD 1997
 - MS Word and Excel 1996
 - Total Quality Management, 1993
 - Successful Negotiation Course, 1992
 - Project Management, 1990
- LANGUAGES & DEGREE OF PROFICIENCY:**
- English (mother tongue)
 - Indonesian (intermediate)
- MEMBERSHIP OF PROFESSIONAL SOCIETIES:**
- New Zealand Institute of Agricultural Science (Certified Leading Professional (Stage 3), and Certified Practising Agriculturist CPAg)
 - New Zealand Agricultural & Resource Economics Society
- COUNTRIES OF WORK EXPERIENCE:** East Timor, Egypt, Guyana, India, Indonesia, Iran, Kazakstan, Malawi, Nepal, New Zealand, Papua New Guinea, Samoa, Sierra Leone, Solomon Islands, Sri Lanka, Swaziland, Tonga, Tuvalu, Uganda, United Kingdom, Vanuatu, Vietnam, Yemen, Zambia, (Business development trips to Ethiopia, Kenya, Botswana, Zimbabwe, Pakistan, Philippines, Maldives, USA)

10. KEY QUALIFICATIONS:

- Natural Resource Economist with over 25 years experience with international development in Africa, Asia and the Pacific.
- Experienced in project formulation, project planning and preparation of feasibility studies for development projects in the agricultural sector including integrated area development, livestock development, irrigation, water supply, resettlement, fisheries, conservation and agro-industry development.
- Financial analysis and planning of small business development and delivery of training for small business skills development.
- Preparation of cost estimates, financial and economic analysis, design of rural surveys and project monitoring and evaluation
- Privatisation studies

- Supervision and management of multidisciplinary teams of consultants including serving as team leader
- Well-developed computer and word processing skills (Word Perfect, Microsoft Word, PowerPoint, Lotus 123, Excel, Microsoft Project, TimeLine, COSTAB, FARMOD)

11. EMPLOYMENT RECORD:

FROM JAN 1995 TO PRESENT

EMPLOYER: **Greer Consulting**, PO Box 36-182, Northcote, Auckland 1330, New Zealand

POSITION HELD: Principal Consultant

DESCRIPTION OF DUTIES:

Self-employed Economic Development Consultant based in Auckland, New Zealand. Providing services for development project planning and implementation in the natural resource sector and business planning and evaluation. Significant projects undertaken include:

2005 – Papua New Guinea – Investment Analysis

Project Development Specialist for AusAID-funded PNG Incentive Fund. This is a multi-sectoral fund providing funds for qualifying programs in PNG. Responsible for the evaluation of program proposals, micro-economic analysis of various aspects and the management and monitoring of program implementation undertaken by the implementing agency. (Six months, ongoing, Sagric, Australia for AusAID)

2004 – Papua New Guinea – Rural Development

Economist/Financial Analyst on ADB Agricultural and Rural Development project PPTA, responsible for preparation of plan for Functional Expenditure Review of DAL and the agricultural sector. (Two months, UniQuest, Australia for ADB)

2004 – Indonesia -Community Water Supply and Health

Economist/Financial Analyst on ADB Appraisal Mission, responsible for revising project costs using COSTAB and preparation of material for the Report and Recommendations to the President (RRP) document. (0.75 months, ADB Staff Consultant)

2004 – India - Irrigation Development

Agricultural Economist for ADB-funded Chhattisgarh Irrigation Sector Development Project. Review of feasibility studies prepared for four pilot schemes prepared by local economist and preparation of economic analysis for overall project. Participated in ADB fact-finding mission. (One month, Hydrosult, Canada for ADB)

2004 – Indonesia – Irrigation Development

Agricultural Economist for preparation of Project Completion Report for Farmer Managed Irrigation Systems Project. Review of project documentation, field inspections and stakeholder interviews, and preparation of report including recalculation of economic analysis. (One and half months, ADB Staff Consultant)

2003/2004 – Indonesia – Community-based Land Rehabilitation and Management

Agricultural & Natural Resources Economist for ADB-funded Community-based Land Rehabilitation and Management project

Project preparatory technical assistance for an investment project with the overall objective of reducing poverty in poor rural communities on degraded lands in selected areas of Indonesia. Contribute to project planning, prepare cost estimates and financing plan (COSTAB) and economic and financial analysis. (Six and a half months, GFA-Terra, Germany for ADB)

2003 – Vietnam – Coastal Resources Management

Coastal Participatory Rural Development Specialist for ADB study of coastal resources management in central region. Review, assessment and evaluation of existing delivery of extension, credit and enforcement services and development of recommendations for strengthening local institutional capacity for delivery of services. (Two months, ADB Staff Consultant)

2002 – New Zealand – Economics Tutor

Tutor for New Zealand Maritime School for course in Transport Economics. Responsible for delivery of a course for a group of German exchange students and revision of course materials. (Six months, part time)

2002 - Iran - Project Identification and Assessment

Sustainable Development Specialist for UNOPS Project Identification Mission for Sistan and Baluchestan Province. Member of a mission to prepare a framework document for the development of Sistan & Baluchestan province based on studies conducted by local and national authorities. Identified projects suitable for funding by donors and prepared project profiles for ten selected potential investment projects. (One month, BGSi, USA)

2002 - East Timor - Small Business Training

Trainer for World Bank-funded Small Enterprises Project (SEPI) providing training for small business skills development. Assisting with preparation of training materials and case studies for training manuals and delivery of "training of trainers" business skills development programmes for Master Trainers in all districts. (2.5 months, Solomon Leonard Ltd)

2001 – Tuvalu – Maritime Training Institute Upgrading

Economist/Financial Analyst for ADB PPTA preparing a plan for the rehabilitation and upgrading of the Tuvalu Maritime Training Institute. Collation of cost estimates in COSTAB, financial and economic analysis of proposed project including poverty alleviation and distributional impact. (One and a half months, ADB Staff consultant)

2001 – Papua New Guinea – Coastal Fisheries Development

Economist/Financial Analyst for ADB PPTA preparing a fisheries sector loan project for coastal fisheries development. Assessment of economic and financial viability of specific fisheries development initiatives proposed by the study including distributional impact and presentation of cost estimates in COSTAB. (Two months, Client: Gillett, Preston and Associates)

2001 – Vanuatu – Fisheries Sector Development

Natural Resource Economist in an ADB mission preparing an economic review and proposals for strengthening development policies. Review and analysis of the fisheries and marine sector, preparation of policy paper for the sector and contribution to PIER. (One month, ADB Staff Consultant)

2001 – Indonesia – Irrigation Development

Agricultural Economist for preparation of Project Completion Report for Central Java Groundwater Irrigation Development Project. Review of project documentation and preparation of report including recalculation of economic analysis. (One month, ADB Staff Consultant)

2000 – Egypt – Irrigation Development

Agricultural Economist for EIF Alexandria Effluent and Sludge Reuse Feasibility Study of the disposal/use of treated effluent for irrigation and establishment of tree plantations. Responsible for:

- design and co-ordination of agricultural data collection,
- evaluation of options for the use of treated effluent for irrigation of various crops
- preparation of models for establishment of commercial tree plantations with irrigation
- preparation of representative farm models to assess financial viability and investment needs
- overall economic analysis of recommended scheme and sensitivity analysis.

(One month. Client Binnie Black & Veatch, UK)

2000 – Vietnam – Multipurpose Water Resources Development

Project Economist for ADB Phuoc Hoa Multipurpose Water Resources Development Project. Leader of ERASE sub-team (Environment, Resettlement, Agriculture, Sociology and Economics) preparing a feasibility study of the proposed water resources development project involving irrigation, water supply and salinity control. Responsible for:

- planning and supervision of household surveys and consultation with farmer groups through a participatory process
- review of sectoral context of proposed project, evaluation of alternative sources and cost for domestic, municipal and industrial water supply
- development of models for analysis and ranking of project alternatives and sub-projects
- preparation of all project costs (COSTAB)
- formulation of farm models and farm financial analysis (FARMOD)
- calculation of project operation and management costs and water fees
- economic analysis of the proposed project and impact on poverty.

(Four months. Client: Black & Veatch International, UK)

2000 – Solomon Islands – Fisheries Development

Economist for ADB Fisheries Management and Development Project Preparation PPTA

Responsible for:

- preparation of financial models to assess financial viability development ventures for the fisheries sector including: establishment of commercial black pearl culture, pole and line tuna fishing, commercial port development and development of a new fishery support base
- assessing economic viability of the proposed development project and institutional strengthening, and the overall national economic benefit including preparation of cost estimates in COSTAB. (Two months. Client: Gillett, Preston & Associates)

1999 – Yemen – Irrigation Improvement

Agricultural Economist for World Bank Spate Irrigation Improvement Project Preparation Study on the rehabilitation and improvement of spate irrigation. Responsible for:

- preliminary ranking of schemes according to economic feasibility for rehabilitation
- quantifying costs of rehabilitation/improvement for COSTAB
- supervision of local agriculturalist and agronomist consultants
- quantification of agricultural benefits and impact of rehabilitation
- preparation of financial and economic analyses for 18 sub-projects in two wadis
- cash flow analysis of typical water user groups and joint management organisation

(Two months, FAO/Government of Yemen)

1999 – Sri Lanka – Privatisation of Extension Services

Agricultural Economist for ADB TA for Privatisation of Extension Services for Perennial Crops. Member of consultant team for a feasibility study of the privatisation of extension services for commercial development of perennial tree crops under the Second Perennial Crops Development Project. Responsible for:

- design and supervision of farm advisory services demand and willingness to pay survey conducted by local consultants.
- review and documentation of the international experience of privatisation of extension services.
- plan and participation in consultative workshops for stakeholders to formulate the programme for privatisation and conducted district meetings with extension staff to explain the privatisation process and implications of working in a commercial environment
- involved with development of strategy and plans for the privatisation of extension services.
- formulation of structure of proposed entities and preparation of budgets, cash flows, capital cost estimates and funding requirements during the transition to full cost recovery including evaluation of financial performance
- preparation of economic analyses of impact of privatisation from national viewpoint.

(Four months, Client UniQuest Pty Ltd, Australia)

1998/99 – New Zealand – Convention Organiser

Convenor for the planning and organisation of the New Zealand Agricultural and Horticultural Science Convention 1999 held in Auckland. Responsible for planning and scheduling organisation arrangements and for chairing regular meetings of the organising committee. (Eight months part time)

1998 - Kazakstan - Agricultural Development

Agricultural Economist for World Bank-funded Kazakstan Irrigation and Drainage Improvement Project. Prepared business development plans for privatised former state and

collective farms scheduled for major reconstruction of irrigation and drainage systems. This involved extensive in-country travel to farms at eight locations and these activities:

- detailed discussion and interviews with the farms management to establish future objectives and programmes
- preparation of business plans involving an evaluation of resources, production and markets and detailed farm models, budgets, and cash flows for cropping and livestock activities
- assessment of additional investment required, short-term credit needs, debt servicing implications and overall profitability and financial viability of rehabilitation proposals. (A comprehensive business plan model was developed using Excel spreadsheets and FARMOD for the analyses of farms)
- follow-up visits involved providing advice on the future agricultural and livestock development programme and discussing the implications of the business plan
- Also prepared a financial and economic feasibility study (using FARMOD) of a 3,200 ha sub-project in east Kazakstan composed of 45 farms. (Client: Mott MacDonald, UK, duration 3.5 months)

1997/98 - Samoa - Agricultural Sector Promotion

Economist for an Investment Study of the Agricultural Sector of Samoa implemented by the Department of Trade, Commerce and Industry through an AusAID-funded institutional strengthening project aimed to benefit the Samoan economy through improved trade and investment promotion activities.

Member of team responsible for preparing agricultural sector promotional material for local and foreign investors and providing training to staff of the Department. This involved:

- field visits to discuss a range of agricultural environments and view agribusiness ventures
- training sessions on the use of the Internet for information exchange and promotion
- conduct of participatory meeting and a SWOT analysis for the agricultural sector
- consultation with agricultural sector support services, customs, plant quarantine, financial institutions etc. to assess support to agricultural sector, export protocols, physo-sanitary requirements, land ownership situation and financial support
- preparation of Industrial Investment Project Profiles following UNIDO's format for six selected agricultural commodities identified by as having potential for development (cocoa, banana, kava, flowers, ginger, cattle).

(Client: Bioglobal Pacific Limited. Duration 2 months)

1997 – Guyana - Irrigation and Drainage Rehabilitation Project

Economist for FAO Investment Centre for formulation mission for preparing the drainage and irrigation rehabilitation component of an IFAD-funded development project.

Team member responsible for preparing the financial and economic analysis for the project.

- beneficiary participatory workshop to define project objectives and needs
- definition of present and future land use, cropping patterns and farm holding size distributions and preparation of crop budgets and farm models for a financial analysis of the effect on farm incomes and capacity to pay for O&M.
- collated detailed costs estimated for the project using COSTAB and estimated O&M.
- prepared detailed economic evaluations for 11 sub-project areas
- supervised the work of the agriculture marketing consultant and revised and edited a report on marketing and credit aspects. (Client: FAO IC, duration 2½ months)

1997 - East Timor, Indonesia - Smallholder Coffee Development Extension

Agricultural Economist for a NZ ADAA-funded study for the preparation of a programme to enhance extension services for a smallholder coffee development project.

Member of a team preparing an action plan to expand dedicated self-funded extension services for smallholder coffee producers affiliated to a coffee processing and marketing enterprise.

Responsible for:

- collecting agricultural data and all economic aspects of coffee production
- preparation of a survey of smallholder organic coffee producers to estimate farm income and expenditure, identifying constraints, agricultural extension requirements and farm credit needs
- compilation of cost estimates and implementation schedules for the proposed programme and preparation of budgets for the autonomous coffee enterprise based on self-funding from a levy on coffee sales

(Client: Bioglobal Consultants Limited, duration 2 months.)

FROM JAN 1995 TO DEC 1996

EMPLOYER: ANZDEC (1995) Limited, P.O. Box 73075
Auckland International Airport, Mangere,
Auckland, New Zealand

POSITION HELD: Senior Consultant

DESCRIPTION OF DUTIES:

Following the restructuring of ANZDEC in 1995, responsible for marketing, project development, proposal preparation and project management and supervision for projects undertaken by the company. Significant projects included:

1996 - Samoa - Agro-industry Feasibility Study

Team Leader/Financial Analyst for South Pacific Project Facility (IFC) for appraisal of an agro-processing proposal.

Preparation of feasibility study for the expansion of a cocoa agro-processing business for the production of chocolate and semi-processed cocoa products. Responsible for:

- assessment of supply of raw materials for cocoa processing from Samoa and the Pacific region and potential markets for cocoa products
- preparation of a business model and cash flow forecasts for the proposed business including profit and loss accounts and balance sheets.
- calculation of financial viability and sensitivity analysis for the proposed investment. (Client SPPF, duration 1 month)

Project Director responsible for proposal preparation, consultant selection, contract negotiation and supervision and management for the following projects:

Samoa	Microcredit for Women s Enterprises 1996 (ADB)
Indonesia	Central Sulawesi Integrated Area Development and Conservation Project 1996, (ADB)
Republic of Marshall Islands	National Fisheries Development Plan 1996/97 (ADB)
Papua New Guinea	Fisheries Management Project, 1995 (ADB)
North Korea	Strengthening of Essential Oil Industry 1995 (UNDP)
Papua New Guinea	Agricultural Mission to Bouganville 1995 (UNOPS)

FROM SEPT 1985 TO DEC 1994

EMPLOYER: ANZDEC Limited, Northcote Auckland, New Zealand

POSITION HELD: Senior Consultant (1985-94)
Shareholder/Director of ANZDEC Ltd and Extraskills Training Systems Ltd (1989-94)
Shareholder/Director of Agrico Development of New Zealand (1990-94)

DESCRIPTION OF DUTIES:

Responsible for project development and the technical support, management and supervision of projects overseas. Duties involve marketing, preparing expressions of interest, pre-qualification documents, technical and financial proposals, and reports.

As project director responsible for recruitment of consultants, negotiation with clients, preparation of inter-company agreements and providing management, technical backstopping and administrative support to projects undertaken by the company. Undertook extensive travel through East Africa, and Asia on company business.

Significant projects directly involved with the management of as the **Project Director** are listed as follows:

Papua New	Institutional Strengthening of the Department of Fisheries and Marine
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Guinea	Resources, 1994-5 (ADB) Project objective was to provide institutional strengthening and advisory support to DFMR as it was restructured to the National Fisheries Authority
Tonga	Agricultural Development Project, 1994, (ADB) Preparation of a feasibility study for an integrated project for the development of the Niuas group of islands in the far north of the country and the island of Eua.
Tonga	Forestry Project, 1994, (New Zealand ODA) Alternative project manager for Tonga/New Zealand Forestry Development project to provide institutional strengthening of the Forestry Department.
Indonesia/New Zealand	Animal Husbandry Training Programme 1994 (Ministry of Education/ADB) Project manager for a four month training programme in New Zealand for Agricultural Secondary Schools teachers.
Indonesia	Mangrove Conservation Project, 1992-94, (PHPA, Ministry of Forestry World Bank) Project Director for a project to prepare management plans for three areas of mangrove in Sumatra and East Java
Indonesia	National Conservation Advisory Consultants 1992-95 (PHPA, Ministry of Forestry World Bank) Supervision and management for World Bank-funded study to review and update the national conservation plans for terrestrial and marine areas throughout Indonesia.
Indonesia	Smallholder Cattle Development Project, 1990-93 (Directorate General of Livestock Services IFAD/World Bank) Support and supervision of a project to redistribute Bali cattle to transmigrant areas in Sumatra and Sulawesi.
Indonesia	P3Bali Cattle Development Project 1990-94 (Directorate General of Livestock Services /New Zealand ODA). Project to assist the selection of superior Bali cattle bulls for genetic improvement.
Indonesia	Provision of Management and Monitoring Services to Ministry of Transmigration, 1989-91 (Ministry of Transmigration/World Bank) Project included institutional strengthening and the development of financial and management information systems for transmigration sites in East Kalimantan.
Indonesia	Rainfed Agricultural Development in Eastern Region Project, 1991/92 (BAPPEDA/ADB) Feasibility study of integrated area development project for five critical watersheds in Sulawesi and Maluku.
Indonesia	Cimanuk Land Rehabilitation and Agro-Forestry Development Project (Training Specialist), 1990 (ADB)
Indonesia	Cimanuk Land Rehabilitation and Agro-Forestry Development Project (Soil Conservation and Watershed Protection Specialist), 1988 (Ministry of Forestry/ADB)
Indonesia	Cimanuk Land Rehabilitation and Agro-Forestry Development Project (Soil Conservation and Watershed Protection Specialist), 1988 (Ministry of Forestry/ADB)
Zambia	Smallholder Dairy Development Project, 1985-88 (National Milk Authority World Bank) Project to support the collection and marketing of traditional milk products from small-scale dairy producers.

Manager of the company's computer facilities and responsible for developing and maintaining a computer data base and information system for a register of consultants and overseas activities. Involved with corporate management of the company: preparation of company budgets, cashflows and contributions to business planning strategy and management.

Consulting assignments undertaken include:

1994/95 - Tonga - Agricultural Development Project

Project Director for an Asian Development Bank project preparation study for an integrated

development project for the Niuas and 'Eua islands. Contract negotiation with the ADB, mobilisation of consultants, and co-ordination and management of the study including attending tri-partite meetings. (3 months part-time)

1994 - Indonesia - Eastern Islands Smallholder Livestock and Farming Systems Development Project

Team Leader/Economist for a project feasibility study funded by UNDP for the preparation of a livestock development project in the eastern islands (Sulawesi and Maluku). Overall management, co-ordination of a team of consultants, preparation of reports and presentation to the Government of Indonesia. Assessment of livestock marketing, review of livestock development in Indonesia and policy, economic and financial analysis and cost estimates. (5 months)

1991/92 - Indonesia - Rainfed Agricultural Development in Eastern Region

Project Director for a study funded by the Asian Development Bank for the preparation of a development project for upland areas in specific areas of five critical watersheds in four provinces in Sulawesi and in the islands of Ternate and Halmahera in Maluku.

Responsible for the preparation of the proposal, recruitment of consultants, contract negotiation with the ADB, and the co-ordination and management of the study. Assisted with the preparation of reports and contributed to the tri-partite meetings. (5 months part-time)

1989 - Papua New Guinea - Agricultural Extension Improvement Project

Agricultural Economist for a study funded by the New Zealand Government which reviewed the agricultural extension services in Papua New Guinea with the objective to rationalise and revitalise the existing provincial extension services through capacity building and training.

Reviewed the agricultural and livestock sectors, contributed to planning components of a five year development plan and prepared detailed cost estimates and for the economic analysis of the effect of the recommended programme on the Provincial and National economy. (3 months)

1989 - Vanuatu - Fish Marketing Project

Economist on a two-person review mission for the New Zealand Government-funded Port Vila Fish Marketing Project. Analysed the financial performance of the project, market assessment, preparation of forecast budgets and in association with the Fisheries Specialist, the preparation of a plan for continued technical assistance for the next phase of the project with a progressive transfer to the commercial sector. (1 month)

1988 - Indonesia - Fertiliser Marketing Study

Review of the fertiliser sector and preparation of a marketing plan for the export of fertiliser and reactive phosphate rock to Indonesia on behalf of a New Zealand private company. Responsible for the overall co-ordination of the study and the preparation of a marketing strategy for the penetration of the Indonesian market. (1 month)

1988 - New Zealand - Agroforestry Development

Agricultural Economist for the preparation of a pre-feasibility study and agro-forestry development plan for an area of Maori tribal-trust land in the North Auckland Province of New Zealand on behalf of a Maori Trust. Co-ordination of the analysis of several development options, preparation of project cashflows and the estimation of manpower, capital and funding requirements. (1 month)

1988 - Indonesia - Transmigration Five-year Development Plan

Economic Planner/Financial Analyst in consultants team formulating a general policy for the Ministry of Transmigration's contribution to Indonesian's fifth 5 year development plan (Repelita V). Funded by the World Bank. Preparation of cost estimates for the proposed action programme, annual funding requirements and probable source of funds. Reviewed the development options for the second stage development of existing transmigration settlements including infrastructure, tree crops and small local industries with regard to cash crop income, employment, food self-sufficiency and the integration of communities into the development process. Examined policies for the greater involvement of private sector investment in transmigration activities, assessed the likely levels of financial support available from this sector and indicated methods to promote private sector participation. (4 months)

1986-1988 - Zambia - Smallholder Dairy Development Project

Project Manager responsible for providing management support and supervision to a World Bank-funded dairy development project. Undertook regular supervisory visits to Zambia for consultations with the executing agency, project management and the World Bank. Assisted with project conceptualisation, identification and preparation of a proposal for the next phase of the project and a Project Completion Report. (Various inputs)

1986 - Sri Lanka - Land Use Planning Project Preparation

Deputy Team Leader/Resource Economist on an Asian Development Bank funded study to prepare a national land use planning project. Responsible for identifying natural resource data available for use in defining agro-climatic zones and in relating the productivity potential of different land groups and land user groups to economic parameters. Prepared detailed cost estimates, assisted the Team Leader in co-ordinating the study, the preparation and submission of reports and management of the project accounts. At the completion of the study took part in the Pre-Appraisal Fact-Finding Mission and assisted ADB Project Officer in preparing the Project Brief in Manila. (6 months)

FROM 1978 TO 1985

EMPLOYER: Hunting Technical Services Ltd, England
POSITION HELD: Agricultural Economist/Financial Analyst
DESCRIPTION OF DUTIES:

Permanent employee of a British natural resource consulting company. Provided technical expertise in the field of economic planning and evaluation for a variety of agricultural and livestock development projects.

1985 - Nepal - Irrigation Feasibility Study

Project Economist on a World Bank funded feasibility study of the Sunsari Morang Irrigation Scheme Stage II. Responsible for the resource scheduling and costing of a phased 15-year development programme for a large smallholder irrigation scheme in the Terai area of Nepal. Prepared an overall economic analysis and assessed the financial viability of irrigation for smallholder farmers. Developed farm production models for crops with and without irrigation. (2 months)

1984 - Indonesia - Groundwater Irrigation Project Implementation

Agricultural Economist to the Madura Groundwater Irrigation Project funded by the British Government, Asian Development Bank and the European Development Fund. Responsible for: the economic evaluation of the development of irrigated agriculture from groundwater on Madura Island; devising a management information system for monitoring inputs and outputs with additional farm surveys and crop monitoring to provide management information; analysing agro-economic data needed in developing representative farm models and assessing more closely the profitability of irrigation in the various zones; and liaising with Government agencies and user groups involved in the project area. (3 months)

1984 - Indonesia - Groundwater Resources Study

Agricultural Economist on the Greater Yogyakarta Groundwater Resources Study funded by the British Government. Established a system for the costing and monitoring of groundwater irrigation and water supply schemes, and prepared costings and economic analyses for proposed irrigation and water supply projects. Carried out an ex-post economic evaluation of the existing Gunung Kidul groundwater irrigation scheme; developed a model for the economic criteria for water supply schemes; and assessed the physical material requirements and costs. Calculated the economic and financial returns from the development of groundwater irrigation for a variety of smallholder crops in various agro-climatic locations in the study area. (5 months)

1983 - Uganda - Livestock Development Project Preparation

Project Economist for preparation of a Cattle Ranching Development Project funded by the Kuwait Fund for Arab Economic Development. Prepared detailed costings and a feasibility

study of a ranch development project, which involved the stocking of five ranches with locally, purchased and imported cattle and the development of ranch infrastructure. Compiled herd projection models for cattle, sheep and goats, assessed the market potential for beef and meat products, prepared cash flows of costs and returns, and carried out a full economic and financial analysis including proposed financing arrangements, debt servicing and taxation considerations. (3½ months)

1983 - Swaziland - Review of Integrated Rural Development

Financial Analyst for the preparation of a review and Project Completion Report of the Rural Development Programme in Swaziland funded by the World Bank and the African Development Bank. Collating and evaluating records and detailing actual physical and financial achievements for the five year programme for comparison with the planned programme. Analysed changes in net crop returns and farmer income, and prepared an ex-post assessment of the economic returns. (5 months)

1982/1983 - Nepal - Irrigation Development Planning

Economist for World Bank-funded Medium Irrigation Project. Supervision of agro-economic surveys for priority schemes identified for irrigation development throughout the different regions of Nepal. Developed a standardised procedure for the simple economic cost/benefit analysis of irrigation projects in Nepal based on agro-climatic zones and a standardised matrix of input/output assumptions. Wrote an instruction manual for non-technical staff on how to apply the analysis procedure and prepared economic analyses of priority projects. (3 months)

1980-1982 - Malawi - Integrated Rural Development

Monitoring and Evaluation officer for a two year assignment in a team to assist in the management of the Lakeshore Integrated Rural Development Project, funded by the European Development Fund and the Malawi Government. Head of a 30 man Evaluation Unit, responsible for monitoring and evaluating the project's activities and reporting, planning and budgeting. Organisation of sample surveys of 100,000 smallholder farmers in the project area to collect data on demography, income generation patterns, agricultural production and other activities; and the computer analysis and interpretation of the data collected and the publication of the results. Responsible for quarterly reports monitoring project activities, and involved in forward planning through the review and appraisal of specific programme components, the identification of components and preparation of a five-year development programme for the next phase of the project. (2 years)

1980 - Egypt - Canal Lining Feasibility Study

Economist in a multi-disciplinary team funded by the British Government preparing a feasibility study of a proposal to line the Ismalia canal to prevent leakage. Analysis of the impact on agriculture of waterlogging and flooding in different areas adjacent to the Canal, quantifying the costs and benefits and carrying out an economic analysis of the project to determine the priority of the sections needing protective measures. (3 months)

1979 - Indonesia - Irrigation Pre-feasibility Studies

Economist for the Batang Toru River Basin Study in North Sumatra funded by British ODA. Pre-feasibility level investigation of irrigation development for two areas with potential benefits from irrigation, flood protection and drainage. feasibility level and recommendations prepared for the overall development of the river basin. Responsible for financial and economic analyses. (2½ months)

1979 - Indonesia - Irrigation Feasibility Studies

Project Economist in a multi-disciplinary team funded by the British ODA involved in the preparation of feasibility reports on two irrigation schemes in North Sumatra - Batang Ilung and Batang Angkola. Responsible for all economic aspects study including the collection of agricultural returns and engineering costs needed for quantifying costs and benefits associated with the development of irrigation for rice and including the socio-economic aspects of irrigation development. (3 months)

1978/1979 - Sierra Leone - Livestock Development Project Preparation

Agricultural Economist for the Sierra Leone Livestock Development Project funded by the

European Development Fund. Preparation of an action programme for the accelerated development, improvement and rationalisation of Sierra Leone's livestock industry. Responsible for analysing the meat marketing system, preparing detailed costs and estimating the benefits of the recommended project. (4 months).

FROM 1977 TO 1978

EMPLOYER: Salen U.K. International, London, United Kingdom
POSITION HELD: Accountant /Financial Analyst

DESCRIPTION OF DUTIES:

Worked for a ship management company involved with the management, crewing, operation and maintenance of a fleet of cargo ships. Responsible for the reconciliation and preparation of accounts for each ship's operation at the completion of voyages and credit control, microfilming and storage of company records and special projects requested by the Chief Accountant

FROM 1974 TO 1976

EMPLOYER: Economics Division, Ministry of Agriculture & Fisheries, New Zealand

POSITION HELD: Agricultural Economist

DESCRIPTION OF DUTIES:

Planning and economic evaluation of government funded agricultural development projects throughout New Zealand. Projects involved irrigation, drainage, changes or improvements to land use, rural water supply, flood protection and water catchment control schemes.

Responsible for the economic and financial analysis of projects involving the preparation of farm budgets with and without project, organisation of stratified sample surveys of farmers to quantify projected benefits, estimating capital and recurrent costs and preparing feasibility studies using cost/benefit analysis.

Also produced reports and background papers relating to aspects of agriculture in New Zealand including agricultural credit, livestock production systems, and the ex-post economic evaluation of rural development schemes.