

James Baines

Name of Firm:	Taylor Baines & Associates
Name of Staff:	James T BAINES
Profession:	Social and Environmental Specialist
Date of Birth:	26 April 1951
Years with Firm:	24
Nationality:	New Zealand and United Kingdom (dual citizenship)
Membership in Professional Societies	Sustaining Member International Association for Impact Assessment (IAIA) - Chair of the Social Impact Assessment (SIA) Section (2000-2006); member Awards Committee (2007-2008); member Organising Committee for IAIA'98. Environmental Institute of Australia and New Zealand; CEnvP registration panel member (2005). New Zealand Association for Impact Assessment; Core Group. New Zealand Resource Management Law Association.

Key Experience

Mr Baines has strong experience as a social/environmental analyst, peer reviewer and trainer, involved in capacity building, in New Zealand and internationally, specialising in social impact assessment and integrated assessment.

International Experience

He has almost 20 years involvement in IAIA, the foremost international network of environmental impact assessment professionals. In this period, he was Chair of the SIA Section for seven years, during which time he participated actively in the development of the International Principles for Social Impact Assessment (2003).

His international experience includes several assignments in South East Asian countries; firstly contracted by Tenaga Nasional Berhad (the Malaysian electricity utility) through Lincoln International in 1994 to address training needs for Environmental Management and design and deliver 8 short in-service courses. More recently (2001-2002) he was joint leader and international consultant on the Malaysian Social Impact Assessment Capacity Building Project funded by UNDP. From 1997 to 2001 he was contracted by the Mekong Institute with NZ Aid funding to provide curriculum advice on environmental management for presenters at 10-week residential courses¹ on 'Economics in Transition' and to develop and deliver teaching modules on Environment & Development and SIA to the same courses. In 2004 he was co-presenter of a two-day SIA training course for personnel of Petronas, the national petroleum utility of Malaysia.

¹

To mid-career public servants from six Greater Mekong Sub-region countries - Thailand, Vietnam, Lao PDR, Myanmar, Cambodia and China

Social Impact Assessment of projects, plans and policies

Mr Baines' primary area of expertise and experience is built upon 24 years of professional practice in Social Impact Assessment (SIA), involving leadership in the application of SIA across a broad spectrum of policy, plan and project development including **public or private infrastructure** (hydro-electric developments, wind farms, electricity transmission, waste water treatment plants, sewage outfalls, sanitary landfills, port developments, motorway development, prisons); **urban development** (town centres, structure planning, mall and supermarket development); **rural and coastal development** (Rabbit and Land Management Programme, Chatham Islands reform, lake-based residential development, mining, mussel farming, salmon farming, port developments); **environmental policies and plans** (flood risk management, air quality, biodiversity, wetlands, environmental noise); **social policies** (school networks, gambling venue policies, casino developments, communities of interest).

Mr Baines was programme leader and social researcher on a 6-year, government-funded research programme (1997-2003) investigating environmental justice issues associated with the siting of public facilities (landfills, waste water treatment plants, prisons) and the social amenity effects of these facilities on their host communities. He was also a research objective leader and social researcher within another 5-year programme on resource community formation and change (1996-2000) and a 5-year research programme on multiple job holding in the NZ economy (2001-2006).

He has extensive experience as a social expert witness in New Zealand, appearing before council planning hearings, the Environment Court, the Casino Control Authority and the Local Government Commission.

Particular Experience - South East Asia

- **Petronas Research and Scientific Services Sdn Bhd (2004)** - Co-leader of a Taylor Baines SIA training course for Petronas personnel and local consultants. Tasks included course planning, development of course materials and case studies, and delivery of the two-day course in Kuala Lumpur.
- **Malaysian Social Impact Assessment Project (2001-2002)** - Joint Project Leader and Social Specialist. The Government of Malaysia and United Nations Development Programme engaged Taylor Baines, working with local consultants, to assist with capacity building and improved institutional arrangements for social impact assessment. Tasks included supervision of four case studies used for experiential learning, (including an urban water supply reservoir, an urban masterplanning project, a rural re-development project and a high-density, urban housing estate) and co-authoring the Social Impact Assessment Handbook of Malaysia.
- **SIA Training visit to New Zealand for representatives of the Malaysian Prime Minister's Department and Advanced Road Technologies Sdn Bhd (2000)** - Co-host of a 5-day Taylor Baines-organised SIA training visit to

support the application of SIA in the development of new highways with particular focus on the affected communities in the Klang Valley, Malaysia. Tasks included course planning, development of course materials, case studies and site/project visits, and delivery of the first four days of the training visit in Christchurch.

- **Mekong Institute In-service Training Courses (1997-2001)** - Independent social and environmental expert engaged to provide curriculum review advice in relation to NZODA's policy on environment and development; review the achievements in integrating environmental considerations as cross-cutting issues during the first two years of the programme; and develop and deliver an Environment & Development teaching module and a Social Impacts teaching module into courses on Economics of Transition. Tasks included participation in curriculum review workshops and commentary on curriculum development, preparation of participant notes for each module, teaching of Environment and Development and Social Impacts modules, evaluations and reviews. Several courses included site visits and on-site instruction (e.g. Nam Neung II HEPS in Lao PDR, small-scale enterprise development in rural communities (lake-based aquaculture) and in urban squatter communities in Khon Kaen, Thailand). The Mekong Institute courses were aimed at mid-career civil servants from the six Greater Mekong Sub-region countries (Thailand, Lao PDR, Cambodia, Vietnam, Myanmar and PR China (Yunnan province)).
- **Tenaga Nasional Berhad Environmental Training (1994-1995)** - Co-leader of a Lincoln International contracted team engaged to assess Tenaga Nasional Berhad's needs for training in Environmental Management, propose relevant means for providing such training services, with particular reference to training capabilities available through Lincoln University and its faculty members, develop training curricula and deliver 8 training short courses. Tasks included Scoping interviews, preparation of a company profile in relation to training needs, a needs assessment across all major divisions and strategic business units of the company, focus groups within the company to assess preliminary recommendations, and reporting back to Lincoln University. This was followed by development of course curriculum and resources and delivery of 8 courses in Malaysia.

Particular experience - Transportation infrastructure

- **Christchurch Southern Motorway Stage 2 (2012-2013)** - Member of the Taylor Baines SIA team with particular responsibility for investigating social severance issues. Tasks included scoping the communities of interest, liaison with transportation and other technical consultants and interpretation of technical analyses for social consequences, and analysis of existing movement/access patterns in affected rural communities and the locations of existing social services.

- **Ashburton Second Bridge (2010-2011)** - Leader of the Taylor Baines SIA team and social specialist. Assessment of eight options for the siting of a second bridge over the Ashburton River to service the present and future needs of 'local' traffic. Tasks included planning the consultation and assessment activities, analysing statistical data sets such as travel-to-work and travel-to-school, establishment and facilitation of a Community Reference Group to act as a sounding board for assessment activities and to provide values-based input on priority criteria as part of developing a set of social, environmental and economic criteria for multi-criteria comparative assessment.
- **Waterview Connection motorway development (2010)** - Independent SIA expert and technical advisor engaged by the Environmental Protection Authority to peer review the draft SIA report prepared by the NZ Transport Agency and to determine its adequacy and completeness. This section of motorway passes through established urban commercial and residential areas and completes the western ring road for Auckland City. The motorway alignment would result in the displacement of some 20-30 tenant households. Key tasks included a site visit and participation in a workshop with the Agency's planners, consultants and other independent peer reviewers, a review of the methodology adopted for the SIA and the preliminary findings reported in the draft SIA, with recommendations provided to the Environmental Protection Authority.
- **Transmission Gully motorway development (2011)** - Independent SIA expert and technical advisor engaged by the Environmental Protection Authority to peer review the draft SIA report prepared by the NZ Transport Agency and to determine its adequacy and completeness. This section of motorway passes through lightly settled rural land and near the residential perimeter of Porirua City. Key tasks included a site visit and participation in a workshop with the Department's planners, consultants and other independent peer reviewers, a review of the methodology adopted for the SIA and the preliminary findings reported in the draft SIA, with recommendations provided to the Environmental Protection Authority.
- **Clifford Bay ferry terminal (1996)** - Leader of the Taylor Baines SIA team and social specialist engaged by Tranzrail to plan and coordinate the public consultation activities in association with the assessment of social and economic impacts of a proposal to re-locate the South Island ferry terminal from Picton to Clifford Bay. Tasks included assembling community profiles, with particular attention to Picton, Seddon, Ward and the Lake Grassmere locality; preparing project information materials for use during public consultation activities in locations from Picton to Christchurch, stakeholder identification and consultation, issue identification, and liaison with technical consultants, legal advisors and project management; planning and analysing a survey of Tranz Rail's existing Picton workforce; analysing a ferry passenger survey; preparing an SIA report and a statement of evidence for the consent hearing.

Particular experience - Energy infrastructure

- **Escarpment Mine (2012)** - Leader of the Taylor Baines SIA team and social specialist engaged by Buller Coal Limited to carry out the social impact assessment for the proposed open-cast coal mine on the Denniston Plateau Escarpment. Tasks included profiling the district and local communities, stakeholder identification and engagement, assessment of employment, accommodation, housing and social service impacts for schools, child-care services and community health services, and impacts for social, recreational and cultural organisations in Buller District, with particular attention to the issue of a Fly-In/Fly-Out (FIFO) workforce; followed by preparation of expert evidence and attendance at the Environment Court hearing.
- **Mokihinui HEPS (2007-2012)** - Leader of the Taylor Baines SIA team and social specialist engaged by Meridian Energy Limited to carry out the social impact assessment of the proposed Mokihinui HEPS in northern Buller. Tasks included numerous visits to the Mokihinui Valley, covering the length of the river from the Forks upstream of the gorge down to the coast, profiling the intervening local communities and the district community, stakeholder identification and engagement, assessment of construction workforce employment, housing and social service impacts for schools and community health services, and facilitating the establishment of a Community Consultative Group for the Mokihinui Valley and establishing direct dialogue between Meridian Energy and residents of the coastal settlement of Mokihinui. Issues of particular importance focused on the potential for disruption to the culturally-significant whitebait fishery and fishing activities, displacement and resettlement options for the coastal community of Mokihinui resulting from accelerated coastal erosion due to the reduction in sediment transfers down the river, and potential linkages with a broad spectrum of recreational activities associated with enhanced access to the back country.
- **Wairakei Transmission Line Upgrade (2010)** - Leader of the Taylor Baines SIA team and social specialist engaged by Transpower Limited. Assessment followed a 2-stage process, beginning with six broad route options before focusing on a specific alignment. Part of the route involved use of the existing alignment and part involved a new alignment, aimed at reducing adverse impacts on rural residents and business operators. Tasks included site visits along all potential routes, close collaboration with landscape and visual effects expert and with Transpower land acquisition negotiators, preparation of a social profile covering all potential route options, including rural sub-division histories, detailed analysis of separation distances and view-shafts between existing dwellings and existing and proposed transmission routes, interviews with selected rural residents, attendance at Open Days, and SIA report preparation.
- **Wairau Valley HEPS and irrigation canal (2005-2009)** - Leader of the Taylor Baines SIA team and social specialist engaged by TrustPower Limited to carry out the social impact assessment of the proposed Wairau Valley HEPS, involving some 46km of canal for power generation and irrigation

headworks. Tasks included numerous visits to the Wairau Valley, profiling the local communities and the district community, stakeholder identification and engagement, assessment of construction workforce employment, housing and social service impacts for schools and community health services, and facilitating the establishment of a Community Consultative Group for the Wairau Valley community as an information-sharing and trust-building mechanism. Issues of particular importance focused on security of district electricity supply, tensions between newly-arrived rural-lifestyle residents and long-established farming residents, disruption to property access and farming operations during the construction period, the subsequent potential for increased farm productivity and diversification with irrigation and the potential for adverse effects on the ecology and the recreational users of the Wairau Valley.

- **Turitea wind farm, Manawatu (2009)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Palmerston North City Council to carry out the social impact assessment of the Turitea wind farm proposed by Mighty River Power Limited in close proximity to the city of Palmerston North. Tasks included extensive locational visits, profiling the local and city communities, stakeholder identification and engagement, development and administration of two survey instruments², recruitment and conduct of four community-based focus groups, numerous key informant interviews of industrial, farming, tourism and recreational interests, followed by the preparation of expert evidence and attendance at the Board of Inquiry hearing. Issues of particular importance focused on the visual and noise intrusion resulting from close proximity of the nearest turbines to rural residential properties, the potential for adverse impacts on the city's water supply reservoir during construction activities, the displacement of various popular recreational activities during either construction or subsequent operation, and the resulting distribution of benefits and costs experienced by different sectors of the city community.
- **Mahinerangi wind farm, Otago (2005-2007)** - Leader of the Taylor Baines SIA team and social specialist engaged by TrustPower Limited to carry out the social impact assessment for the proposed Mahinerangi wind farm. Issues of particular importance focused the potential for disruption to farming operations during construction and concerns over adverse landscape impacts.

²

The first was an internet, panel-based survey from a random sample of citywide residents exploring their experience of the three existing wind farms and attitudes towards further wind farm development. The second was a survey of residents living within 5km of an existing wind farm, to gather ex-post information on direct social experience of wind farm operations.

Particular experience - Aquaculture and coastal development

- **Expansion of salmon farming operations (2012)** - Leader of the Taylor Baines SIA team and social specialist engaged by New Zealand King Salmon Limited to carry out the strategic SIA on its proposed plan change in the Marlborough Sounds and the site-specific SIAs on 9 new salmon farm proposals. Key aspects of this SIA were the parallel strategic and site-specific assessments and the opportunity to carry out some ex-post social assessments of existing salmon farming operations in similar locations to provide comparison-case evidence for assessing the proposals. Key issues focused on the procedural aspect of a private vs public plan change process, and the potential for localised conflict over use of public water space between salmon farming and local residential and recreational users.
- **Banks Peninsula mussel farms (2002)** - Leader of the Taylor Baines SIA team and social specialist engaged by Marlborough Mussel Company Limited to design, administer, analyse and report a survey to provide up-to-date quantitative and spatial data on patterns of boating activity in the vicinity of nine proposed mussel farm sites, as well as those engaged in land-based recreational activities.
- **Marlborough Sounds mussel farms (various, 1999-2002)** - Leader of the Taylor Baines SIA team and social specialist engaged by Kukumara Partnership to carry out a social impact assessment of proposed new mussel farms in the Marlborough Sounds, specifically in Admiralty Bay (March 2000), Forsyth Bay (March 2000), Port Ligar (April 2000) and Beatrix Bay (2002). Key tasks involved site visits to each location proposed for mussel farming, profiling the local communities, stakeholder identification and engagement, as well as designing, administering, analysing and reporting a survey to provide up-to-date quantitative and spatial data on patterns of boating activity in the vicinity of the proposed mussel farm sites. Key issues focused on the potential conflicts over the use of water space with existing tourism, recreational and commercial fishing interests.
- **Marlborough Sounds mussel farms (2001)** - Leader of the Taylor Baines SIA team and social specialist engaged by Sanford (South Island) Limited to carry out a social impact assessment of proposed new mussel farms in the Marlborough Sounds, specifically in Orchard Bay, Melville Cove and East Bay. Key tasks involved site visits to each location proposed for mussel farming, preparing a regional socio-economic profile as well as local socio-economic profiles of the local, potentially affected communities, stakeholder identification and engagement, as well as designing, administering, analysing and reporting a survey to provide up-to-date quantitative and spatial data on patterns of boating activity in the vicinity of the proposed mussel farm sites. Key issues focused on the potential conflicts over the use of water space with existing tourism, recreational and commercial fishing interests and residential amenity issues for existing resident land occupiers.

- **Clifford Bay ferry terminal (1996)** - see above under transportation infrastructure.
- **America's Cup Harbour, Auckland (1996)** - member of the Taylor Baines SIA team and social specialist engaged by Ports of Auckland and Royal NZ Yacht Squadron to guide public consultation and assess the social impacts of the America's Cup Harbour proposed for the Auckland waterfront. Key tasks involved brokering agreements between existing users and stakeholders of the waterfront and harbour space about potential alternative arrangements to accommodate them at Ports of Auckland facilities once the America's Cup is constructed.
- **Fergusson Container Terminal expansion, Auckland (1995)** - member of the Taylor Baines SIA team and social specialist engaged by Ports of Auckland to undertake a social impact assessment of the proposed expansion of the existing Fergusson Contained Terminal. Key issues focused on intrusive noise and night lighting for adjacent residential areas and maritime safety issues related to extensions into the harbour thoroughfare.

Particular experience - Urban development

- **Christchurch City Plan Change 67 (2012)** - Leader of the Taylor Baines SIA team and social specialist engaged by Highfield Estates Limited to carry out a social impact assessment of a proposed plan change to convert rural land into residential land on the outskirts of Christchurch City. Key tasks included review and analysis of the urban development context and expected trends in the northern sector of the City, engagement with public and private sector social service providers, and those responsible for future motor-way construction and river restoration. Key social issues focused on the potential for social severance due to future motor-way construction, comparison of likely levels of accessibility to a range of social services and residential amenities for residents of the planned sub-division, as well as consideration of the adequacy of active transport infrastructure.
- **Christchurch City Plan Change 22, Styx Town Centre (2012)** - Leader of the Taylor Baines SIA team and social specialist engaged by Calco Limited to carry out a social impact assessment of a proposed plan change to permit the development of a new town centre on land previously used for orchards. Key tasks included review and analysis of the planning and policy constraints and opportunities affecting the northern sector of the City, engagement with representatives of the existing residential communities in closest proximity to the planned town centre, and engagement with public and private sector social service providers operating in the northern sector of the City. Key social issues focused on the town centre's relationship to the adjacent Styx River restoration activities, and opportunities to provide for a range of social services and community facilities in the privately-developed town centre proposed.

- **Auckland Men's Prison (2012)** - Independent SIA expert and technical advisor engaged by the Environmental Protection Authority to peer review the draft SIA report prepared by the NZ Department of Corrections and to determine its adequacy and completeness. Key tasks included a site visit and participation in a workshop with the Department's planners, consultants and other independent peer reviewers, a review of the methodology adopted for the SIA and the preliminary findings reported in the draft SIA, with recommendations provided to the Environmental Protection Authority. The site proposed for the new men's prison is immediately adjacent to two existing Corrections' facilities for women and for young offenders. Key social issues focused on the potential for community stigmatisation due to the concentration of custodial facilities in one community, and opportunities for local businesses to provide services to the new facility.
- **Auckland Regional Council, Plan Change 6 (2009)** Leader of the Taylor Baines SIA team and social specialist engaged by the Auckland Regional Council to carry out a social impact assessment of the proposal to encourage centres-based, polycentric urban consolidation and restrict greenfields urban sprawl. Key tasks included a review of existing and historical settlement patterns across Auckland City in terms of residential density, patterns of access to employment and access to social services and to community facilities, site visits spatial mapping of selected settlement areas undergoing recent transitions, and preparation of expert evidence for the Environment Court.
- **Canterbury Regional Council, Plan Changes 17 and 19 (2008)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Christchurch City Council and Christchurch International Airport Limited to present evidence on the adverse social effects of aircraft noise on residential areas, based on survey research conducted previously (see Noise contours (2004) below).
- **Long Bay Structure Plan, Auckland (2007)** - Leader of the Taylor Baines SIA team and social specialist engaged by Landco Okura Limited to undertake a social impact assessment of a proposed urban structure plan for Long Bay. Key tasks included detailed profiling of residential suburbs immediately adjacent to the proposed structure plan area, with particular attention to residential amenity values in this part of Auckland City, and to access to a range of social services and community facilities, and comparison of the existing situation with that proposed under the structure plan.
- **Christchurch City Council, Plan Variation 86 (2007)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Christchurch City Council to undertake a social impact assessment of the proposed Plan Variation which sought to encourage centres-based, polycentric urban consolidation and restrict greenfields urban sprawl. Key tasks included a detailed case study of the social and community impacts of permitting an out-of-centre supermarket development. Key social issues focused on the uneven distribution of benefits and costs between different sectors of the

City's population, and the absence of mitigation for those most vulnerable to the ensuing changes.

- **Impacts of non-residential activities in residential zones (2004)** - leader of the Taylor Baines SIA team and social specialist engaged by the Christchurch City Council to undertake three case studies of the social impacts of permitting non-residential activities in residential zones of the City - a dental practice, commercial accommodation and a private pre-school facility.
- **Notice of Requirement for a Wastewater treatment plant for Rolleston township (2004)** - leader of the Taylor Baines SIA team and social specialist engaged by the Selwyn District Council to undertake a comparative social impact assessment of a proposed new waste water treatment plant to service the township of Rolleston, on the basis of social research previously carried out by Taylor Baines on neighbours' experience of waste water treatment plants in other parts of New Zealand. Key tasks included a site visit and mapping of the surrounding settlement pattern.
- **Christchurch International Airport, Noise contours (2004)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Christchurch City Council, the Canterbury Regional Council and Christchurch International Airport Limited to carry out social research into City residents' experience of environmental noise from a range of sources - industrial precincts, urban road traffic, airport and overflying aircraft, and general residential neighbourhood noise. Key tasks included the design and piloting of the survey instrument, administration of the survey, detailed analysis of the survey results, and preparation of a survey report as the basis for expert evidence to various statutory hearings.

Particular experience - Environmental policies and plans

- **National Policy Statement on Flood Risk Management (2008)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Ministry for the Environment to undertake a social impact assessment of the proposed NPS on flood risk management. Key tasks included specifying policy instruments to be deployed under the NPS, developing a conceptual framework for interpreting potential social benefits and costs, and case studies of expected social impacts for Waimakariri District and Whakatane District. Key social issues focused on the distribution of social benefits and costs across sectors of the community and social equity.
- **Air Quality Plan for Ashburton (2008)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Canterbury Regional Council to carry out an assessment of the likely social impacts resulting from the proposed domestic heating rules contained in the Air Quality Plan. Key tasks and key social issues as for Christchurch City (2001) - see below.

- **Regional Bio-diversity policy (2008)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Canterbury Regional Council to undertake stakeholder and landholder consultation on options for meeting regional bio-diversity policy obligations.
- **Air Quality Plan for Rangiora and Kaiapoi (2007)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Canterbury Regional Council to carry out an assessment of the likely social impacts resulting from the proposed domestic heating rules contained in the Air Quality Plan. Key tasks and key social issues as for Christchurch City (2001) - see below.
- **Air Quality Plan for Nelson City (2003)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Nelson City Council to carry out an assessment of the likely social impacts resulting from the proposed domestic heating rules contained in the Air Quality Plan. Key tasks and key social issues as for Christchurch City (2001) - see below.
- **Air Quality Plan for Christchurch City (2001)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Canterbury Regional Council to carry out an assessment of the likely social impacts resulting from the proposed domestic heating rules contained in the Air Quality Plan. Key tasks included establishing baseline data on household numbers using various forms of home heating, the demographic characteristics of households using solid fuels, the insulation status of the housing stock, profiling the existing solid fuel supply industry, defining options for providing financial incentives or financial assistance to households. Key social issues focused on managing the health risks for the most vulnerable households to avoid replacing air quality-induced respiratory problems with cold-home-induced respiratory problems.

Particular experience - social policies

- **Gambling venue policy, Timaru District (2003)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Timaru District Council to carry out a social impact assessment of alternative gambling venue policy options to control non-casino gaming machines. Key tasks included profiling trends in gambling activity in New Zealand and, for comparison, in Timaru District, assessing the distribution of gambling funds and the incidence of problem gambling within Timaru District, identifying and consulting stakeholders in the gambling industry and the social and community services sectors, recommending measures to minimise social harms from non-casino gambling. Key social issues focused on siting of gaming machine venues in locations with above-average levels of vulnerability, community preferences for venue numbers and locations, and the efficacy of existing harm-minimisation measures.

- **School network review, Timaru District (2003)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Timaru District Council to carry out a scoping assessment of social and community impacts related to the proposed closure of several rural schools in the District. Key tasks included auditing recent population trends and assumptions about future population projections, auditing school role information, consultation with school staff, Boards of Trustees and community stakeholders, preparing a report for the Minister on behalf of the Council. Key social issues focused on the inaccuracy of the future population projections being used by the Ministry of Education to justify school closures, and the failure of the Ministry to take into consideration the non-educational social functions of rural schools in their dispersed communities.
- **Gambling venue policy, Kawerau District (2003)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Kawerau District Council to advise council staff carrying out a social impact assessment of alternative gambling venue policy options to control non-casino gaming machines.
- **Gambling venue policy, Mackenzie District (2003)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Mackenzie District Council to carry out a social impact assessment of alternative gambling venue policy options to control non-casino gaming machines. Key tasks and key social issues as for Timaru District - see above.
- **Exposure and vulnerability to gambling (2003)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Department of Internal Affairs to analyse comparative exposure and vulnerability of district populations to the risks of non-casino gaming machines. Key tasks included analyses of trends in gaming machine numbers and venue numbers, analysis of national survey data on gambling vulnerability related to specific demographic attributes (sex, age, ethnicity, personal and household income, employment status) and analysis of district population demographic trends to produce indicators for district councils considering gambling venue policy options.
- **Casino Licence application, Hamilton (1997)** - Leader of the Taylor Baines SIA team and social specialist engaged by the Perry Group Limited to carry out a social impact assessment of its proposed Riverside Casino, as required by the Casino Control Act. The assessment adopted a phased approach with scoping, assessment and feedback activities undertaken iteratively. Key tasks included preparing information materials on the proposal, comprehensive stakeholder identification and consultation (nearby residents, businesses in the casino precinct, community groups, city and regional organisations), demographic and descriptive profiling of Hamilton City, the wider region, and the immediate urban vicinity of the proposed site, holding a series of Open Days, feedback meetings. Key social issues focused on site suitability, the relationship of the casino itself to other components of the proposed central-city development, employment prospects, social risks

associated with problem gambling and gambling addiction, and potential returns to the host community.

- **Casino Licence application, Queenstown (1997)** - Leader of the Taylor Baines SIA team and social specialist engaged by Otago Casino Limited to carry out a social impact assessment of its proposed Steamer Wharf Casino, as required by the Casino Control Act. Key tasks and key social issues as for the Hamilton Casino assessment - see above.

Particular experience - SIA capacity building and professional training

- **Environmental Institute of Australia and New Zealand (2012)** - co-presenter of a 3-day SIA training course in Auckland for continuing professional development, sponsored by EIANZ.
- **New Zealand Social Policy Evaluation and Research Committee (2011)** - co-presenter of a 2-day SIA training course in Tauranga, sponsored by SPEAR.
- **New Zealand Social Policy Evaluation and Research Committee (2010)** - co-presenter of a 2-day SIA training course in Christchurch, sponsored by SPEAR.
- **Petronas Research and Scientific Services Sdn Bhd (2004)** - see above under South East Asian experience.
- **Malaysian Social Impact Assessment Project (2001-2002)** - see above under South East Asian experience.
- **SIA Training visit to New Zealand for representatives of the Malaysian Prime Minister's Department and Advanced Road Technologies Sdn Bhd (2000)** - see above under South East Asian experience.
- **Mekong Institute In-service Training Courses (1997-2001)** - see above under South East Asian experience.
- **Tenaga Nasional Berhad Environmental Training (1994-1995)** - see above under South East Asian experience.

Education

1978 Graduate Diploma in Teaching, Wellington Teachers Training College.
1971-1974 University of Canterbury, Bachelor of Engineering (with Honours) in Chemical Engineering.

Employment Record

From: 1989	To: Present
Employer:	Taylor Baines & Associates
Position held:	Director
Duties:	Responsible for social and environmental analysis on a wide range of projects, policies and programmes; team leadership; report preparation; client liaison; work plans; budget preparation and monitoring and management of subcontractors; attendances as an expert witness.
From: 1983	To: 1988
Employer:	Centre for Resource Management, Lincoln College and University of Canterbury, New Zealand
Position held:	Senior Research Officer
Duties:	Inter-disciplinary research on a variety of environmental and resource management topics; post-graduate teaching on sustainable development.
From: 1979	To: 1983
Employer:	Department of Chemical Engineering, University of Canterbury
Position held:	NZERDC Energy Research Fellow and assistant lecturer
Duties:	Teaching 100-level courses in Chemical Engineering; conducting research into energy-economy interactions.
From: 1975	To: 1976
Employer:	Unilever (NZ) Ltd
Position held:	Chemical process engineer
Duties:	Operations and maintenance responsibilities in detergent manufacturing plant, Petone, New Zealand.
From: 1970	To: 1970
Employer:	NZ Volunteer Service Abroad/Government of Tonga
Position held:	Secondary school teacher
Duties:	Classroom teacher, Mailefihi and Siulikitapu Colleges, Vava'u, Tonga; teacher training for accreditation, Vava'u, Tonga.

Selected recent publications

- Baines J et al, 2012. Social monitoring can contribute to ex-ante SIAs: a case study of New Zealand wind farm planning. *In Impact Assessment and Project Appraisal Vol.30/3* September 2012.
- Baines, JT and O'Brien M, 2012. Reflections on the Collaborative Governance Process of the Land and Water Forum. Research Report prepared for the Ministry for the Environment 2012.
<http://www.mfe.govt.nz/publications/environmental-governance/reflections-on-the-collaborative-governance-process/reflections-on%20the-collaborative-governance-process-of-the-land-and-water-forum.pdf>
- Baines, JT and Taylor, CN. 2011. Ethical Issues and Dilemmas in Social Impact Assessment in Vanclay and Esteves 2011 *New Directions in Social Impact Assessment: Conceptual and Methodological Advances*. Edward Elgar.
- Baines, JT and Morgan, B. 2009. The Challenge of Integrated Impact Assessment: one set of guiding principles - many methods. *In Australasian Journal of Environmental Management Vol.16 pp.6-15*. March 2009.
- Sinner, J, Baines, JT et al. 2005. Key concepts in Sustainable Development: Part 2 The social dimension. *In Public Sector Vol.28 (4) pp.6-11*
- Sinner, J, Baines, JT et al. 2005. Key concepts in Sustainable Development: Part 1 Economics and Ecology. *In Public Sector Vol.28 (3) pp.2-9*
- J Baines et al. 2003. Using Local Knowledge in Becker and Vanclay 2003 *The International Handbook of Social Impact Assessment: Conceptual and Methodological Advances*. Edward Elgar.
- McClintock, W. Baines, J. and Taylor, N. 2000. Fishing Communities and the Boom-bust Cycle, *Seafood New Zealand*, 8 (11): 26-27.
- McClintock, W. Baines, J. and Taylor, N. 2000. Retreat from the Frontier: Fishing Communities in New Zealand, paper presented at the 8th International Symposium on Society and Resource Management, Western Washington University, Bellingham, Washington, USA. June 17-20.

Languages

	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
English	Excellent	Excellent	Excellent
NZ Maori	Basic	Basic	
French	Basic	Basic	
Bahasa Malay	Basic		

Certification

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications and experience.

Signed:

A handwritten signature in black ink that reads "James Talbot Baines". The signature is written in a cursive style with a large initial 'J'.

Date: 8 April 2013

Full name of staff member: and authorized representative
James Talbot Baines
Director