

<u>Profession</u>	<i>Land & Ecological Economist, Environmental Scientist</i>
<u>Qualifications</u>	<i>ASLE & AVLE(Econ): Land Economics Bachelor of Science Bachelor of Science with Honours Doctor of Philosophy</i>
<u>Majors</u>	<i>Land Economics, Geology, Environmental Sciences (EIA) Resource & Ecological Economics</i>
<u>Educated</u>	<i>St Ignatius College Riverview; Metropolitan Business College, Sydney University Extension Board, UTS, James Cook University, Macquarie University</i>
<u>Professional Associations</u>	<i>Environment Institute of Australia and New Zealand (MEIANZ). Australia and New Zealand Institute for Ecological Economics (ANZSEE). International Society of Ecological Economics (ISEE).</i>

Capability Statement

- *Able to work autonomously or as part of a collective enterprise*
- *Original and lateral thinker, uses both deductive and inductive reasoning as the occasion warrants*
- *Innovative, intuitive approach to problem solving*
- *Methodologically receptive. Not encumbered by any particular paradigm that may limit discourse*
- *Prolific producer, highly organised and addicted to time-lines*
- *Receptive to diverse stakeholders in contentious issues*
- *Highly literate and excellent verbal and written communication skills*
- *Committed to ecologically sustainable outcomes*

Dr Ian Curtis, Curriculum Vitae, July 2012

<http://www.curtisnra.com.au>

Year/years	Relevant or principal activity ~ Host Organisation
2012	Valued the Ecological Function of two Travelling Stock Routes (TSRs) in NW NSW, in dollar terms. Pilot study for the National Parks Association of NSW , prior to undertaking a comprehensive valuation of the entire network of 640,000ha. Collaboration with Melbourne-based economists, Economists at Large .
2011	<p>Advised the Maules Creek Community Council (NE of Boggabri in Central Western NSW) on the economic loss of ecosystem services due to the clear-felling of Leard State Forest (Grassy Box Woodland EPBC listed as critically endangered) for an open-cut coal mine complex. Curtis NRA proposed a set of social and environmental impact mitigation measures in dollar terms.</p> <p>Default judgement handed down by Justice Cathy Davani in favour of the customary landholders in the Lake Murray and Middle Fly Region of the Western Province of Papua New Guinea on Tuesday 21st June, 2011, in the sum of K226 million (AUD\$94 million). (see below CELCOR appointment & Publications). The EDO of NSW, in their July Newsletter, state that the evidence provided by Dr Ian Curtis was critical to the handing down of the final judgement.</p> <p>Numerous small appointments, Statements of Environmental Effects (SEE), Local Government Objections etc. Various Clients.</p>
2005/2012	Peer Reviewer for the Elsevier Journal 'Ecological Economics'
2009/2010	Appointed by CELCOR (PNG) in conjunction with the EDO (NSW) , on the direction of the National Court of Papua New Guinea, to assess the pecuniary value of the environmental damage and consequent reduction in ecosystem services provided by customary land due to a large scale unauthorised logging activity in the Western Province of Papua New Guinea.
T/as: <i>Curtis NRA Australia</i>	
ABN 68364350351	Contracted to Flanagan Consulting Group (FCG) North Queensland , as business development strategist in the Natural Resources Sector <u>2008</u> . Proposed and prepared FCG's contribution as North Queensland delivery agent, to the Parsons Brinkerhoff (PB) bid for inclusion on the Defence Environment and Heritage Panel. <u>2008</u> . Subsequently appointed to the <u>Panel</u>
2007/2009	<p>Coordinated all sub-consultants, managed and contributed to the FCG bid as 'Investigations Manager', in conjunction with PB, to deliver the EIS for the proposed new Townsville Marine Precinct at the mouth of the Ross River. <u>2008</u>.</p> <p>Appointed on contract as Regional Manager, North Queensland, SMEC Australia. Engineering and Environmental Consultants. Various projects as Project Director <u>2007 – 2008</u>:</p> <p>Appointed Service Provider on a \$4m contract for DEWHA Australian Govt's Tasmanian Forest Conservation Fund to deliver the Market-based Voluntary Conservation Agreement component. Over 28900 hectares of priority forest secured under protection at a cost to Govt of ~ \$35 million. Consortium with KPMG, SEMF and Corporate Communications, Tasmania. <u>2006 – 2007</u>.</p>
2004/2007	Prepared and delivered a report "Environmental Gains and Capital Improvements on Restoration Island since 1995". Longboat Investments Pty Limited . 2007 <u>COMPLETED</u>
T/as: <i>Curtis NRA Australia</i>	
ABN 68364350351	Appointed on contract for two years to the Nature Conservation Trust of

New South Wales. Developed policy and procedures and implemented the successful roll out of the Revolving Fund model for conservation gains. Identified landscape corridors and linkages and directly negotiated terms of purchase with landholders, initiated covenant development, and on-sold to new trustees. 2005-2007.

Investigated the regional ecological significance and economic implications for several private landholdings in the North West Growth Centre of Sydney under the NSW State Government's Metrostrategy. Report to the **Clifton Coney Group**. 2005 COMPLETED

Assessed the pecuniary environmental impact of the unauthorised removal of timber and associated impacts from an endangered regional ecosystem (under the Vegetation Management Act 1999) in the Shire of Eacham, Atherton Tablelands. 2005. **Private landholding.** Matter settled by mediation July 2007

Collaborated with **Arup Project Management** and **WBM Oceanics** in an expression of interest to **DEH Australian Govt** for the Stewardship component of their 'Maintaining Australia's Biodiversity Hotspot's' program: Subsequently invited to tender 19 April 2005. SELECTED AS PREFERRED TENDERER, PROGRAM DEFERRED

Presented two interactive seminars to executives of **Powerlink Qld** and **Energex** as to the current scientific thinking involved with pecuniary evaluation of environmental impacts due to edge effects and fragmentation. 2005 COMPLETED

Evaluated the monetary environmental impact of the Calvale-Tarong transmission line through Allies Creek State Forest, Munduberra, Southern Inland Burnett Region, Queensland, 2005. **Powerlink Queensland.** COMPLETED & PUBLISHED

Reviewed and recommended potential market-based incentives to protect biodiversity on private and other lands under the Conservation Partnerships Program, 2004. **Brisbane City Council.** Payments for environmental services provided by private landholders were quantified in dollar terms. COMPLETED

2001-2003

Research into the value of ecosystem goods and services provided in the terrestrial domain (published) PhD Thesis **James Cook University**, Cairns Campus. Main Journal paper cited 52 times (Google Scholar). Thesis downloads: 3034 times to 74 distinct countries (as at May 2011).

Honorary Research Fellow, **Rainforest CRC**, Learning Advisor, Academic Support Division, **James Cook University** and tutor and occasional lecturer, **School of Tropical Environment Science and Geography**, **James Cook University**, Cairns Campus

Collaborated in the development of a 'Visitor Monitoring System' (VMS) for the Wet Tropics World Heritage Area in Queensland. Report to the Wet Tropics Management Authority. **Rainforest Cooperative Research Centre**

Developed a set of socio-economic indicators: 'How the Wet Tropics World Heritage Area functions in the life of the community'. Report to the Wet Tropics Management Authority. **Rainforest Cooperative Research Centre**

Conceived and facilitated a six round (web-hosted) Delphi Philosophical Inquiry with a panel of 50 scientists and economists to determine the need for inclusion of ecosystem services in the market system and to weight the environmental attributes. **James Cook University**

1999-2001

Solar radiation modelling in the Daintree and assessment of it's potential as an energy source (published). **James Cook University**, Cairns Campus

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- Environmental and energy audit of North Queensland Hotels and Resorts and quantification of greenhouse gas emissions (*published*). **James Cook University**, Cairns Campus
- Freelance land economist: Planning for James Cook University Cairns Campus to incorporate the adjoining 13ha site as a Science & Technology Park. **Stafford Moor & Farrington/Herring Daw/Babcock Brown**
- 1995-1998** Geological investigation of the proposed Cairns regional land-fill site at Springmount Road, Mareeba. **James Cook University**
- Co-authored an environmental impact study for an eco-tourism development on Restoration Island, Cape York. Approval August 1996, ratified by the Planning & Environment Court in February 1998. **Longboat Investments P/L**
- 1994-1995** Undertook corporate advisory work including corporate divestment, equity raisings, mergers & acquisitions, and preparation of appropriate information memoranda. **Corporate Advisory Services Pty Limited**
- 1991-1993** Freelance land economist, industrial futures analyst, AGL industrial parks **Australian Gaslight Company**
- Freelance land economist: Relocation and redevelopment of a number of obsolete ambulance stations resulting in a new for old exchange overall. **Stafford Moor & Farrington/Sydney Health**
- 1988-1991** Managing Partner of the North Sydney professional office of international property consultants **Hillier Parker**, with a staff of 30, including architects, engineers and quantity surveyors. A key role was the provision of timely advice to institutional clients as to the most appropriate time to refurbish prime and fringe CBD, retail and hi-tech industrial investments in order to maximise occupancy and yield. NSW State Partner in Sydney City office responsible for industrial real estate agency and consultancy activities in NSW
- 1985-1988** Industrial Director, **Richardson & Wrench Ltd**, Sydney City HO. Primary responsibilities for the industrial and tourism and leisure divisions
- 1964-1985** Various consultancy activities and employment, including private investment and development; including the establishment of a **Scuba-diving destination in Rabaul**, PNG Islands; Management of several tourism related businesses in Rabaul, including a 40 room resort hotel; Owner/builder/operator of 'what is now' **Bloomfield Wilderness Lodge** on Cape York Peninsula, Principal of **Curtis Industrial Brokers** in Sydney; NSW Industrial Manager of **Raine & Horne Limited** in Sydney; **L J Hooker franchisee in Cairns**; and 8 years as a valuer and sales and leasing negotiator in the industrial department of **L J Hooker Limited**, Sydney City HO

Publications On request

Peer Reviewer for the Elsevier Journal, Ecological Economics.

Academic record On request

Referees On request

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