

Timothy Charles Taylor

# Curriculum Vitae

## Core Competencies

**Strategic Planning:** Development of strategic plans and creative approaches to projects and complex sustainability challenges.

**Sustainability:** Robust theoretical knowledge and ability to advise on conceptual questions of sustainability, development and social progress. Technical knowledge of renewable energy systems, environmental issues and natural resource management.

**Project Management:** Time, budget and scope management to ensure the successful completion of projects within available resources. Experience of consultancy, disaster-reconstruction and development project work. A professional leader who nurtures creativity and teamwork.

**Sustainable Enterprise Development:** Design and implementation of projects and policy to support the development of 'sustainable enterprises' that are viable in pursuit of social and ecological goals and returns.

**International Development:** Experienced working sensitively on complex development issues in different national and cultural contexts, and with a range of NGOs and international organisations.

**Research:** Effective conducting qualitative field research, analysis and clearly presenting findings.

**Communication:** Excellent written, interpersonal and public presentation skills. Concise analytical report and proposal writing skills. Able to adapt tone, style and format to different audiences and contexts.

## Personal profile

I am an optimistic, honest and energetic person, with a relaxed and confident approach that motivates people working with me. I manage stress effectively under pressure and work easily with people at all levels, either as a team member or leader.

Pulling the pieces of a complex project together is a challenge that I relish, while inspiring teams to achieve above their perceived limitations. I am creative, maintain high standards of integrity for my work and that of others, attend carefully to important details, and strive for balance in the way that I work and live. I relish opportunities to work in diverse countries and cultural contexts.

My career priority is to use my energy, creativity and skills to help societies progress in ways that are socially just and ecologically sustainable.

## Employment History

### **Advisor – Business Renewables**

Energy Efficiency and Conservation Authority; New Zealand

**Current (1/2 Time)**

*www.eeca.govt.nz*

- My role with EECA is to provide independent advice to businesses and organisations and assist them in converting to greater utilisation of renewable energy sources. The focus of my work is on biomass fuels for boilers, but I'm also working to facilitate potential waste-to-energy and district heat projects.

### **Project Manager and Sustainability Advisor**

Octa Associates Ltd; New Zealand

**Current (1/2 Time)**

*www.octa.co.nz*

- I am currently assisting Rangi Ruru Girls' School in Christchurch with coordination of recovery work from the Christchurch earthquake, and to develop a sustainability vision that cuts across the schools operations, infrastructure and the education opportunities that they provide for students.
- I'm also assisting St Andrew's College with earthquake recovery and rebuilding coordination.

### **Masters Student**

**2008 – 2010**

### **Project Manager**

RedR Australia – assignment in Male', Republic of Maldives

**2007 – 2008**

*www.redr.org.au*

### **Capacity Building for Implementation of National Infrastructure Projects**

- I assisted the Ministry of Planning and National Development to workshop and develop a capacity building plan for the implementation of future national infrastructure projects. This required consultation with a range of high level government staff.

### **Indian Ocean Tsunami Reconstruction**

- Responsibility for project and financial management of a hospital accommodation wing with a budget around \$0.5 million USD and a housing project with a budget of \$4.5 million USD. Completing these projects on-time, and within an inflexible budget in a very complex environment required foresight, logistics skills, planning and excellent relationships with a very international project team.

### **Project Manager**

Octa Associates Ltd - Christchurch, Palmerston North and Auckland; New Zealand

**2004 - 2007**

*www.octa.co.nz*

### ***Windfarm Feasibility Studies for Mighty River Power***

*www.mightyriver.co.nz*

- I coordinated a team to conduct feasibility studies and resource-testing for new windfarm sites. This involved considering a number of technical, environmental and social factors in selecting and prioritising sites for further investment. I developed strategic project plans and business cases for each site.

### ***CMP Rangitikei***

*www.cmp.co.nz/cmp-rangitikei.asp*

- Onsite coordination of construction completion and commissioning of a NZ\$35 million chilled lamb meat processing facility for CMP Rangitikei.

**Gap Year****2003**

- Various contract work in Dublin, Ireland.

**Internship – Project Assistant****2001-2002**

MWH Global - Walnut Creek, California, USA

- Three months inspecting construction works on a major sewer upgrade in the City of San Leandro.

**Education****Master's in Environmental Studies and Sustainability Science****2008 - 2010**

Lund University - Lund, Sweden

*www.lumes.lu.se***Master's Thesis: *A Study of Sustainable Social Progress in the Kingdom of Tonga***

- This was an individual research project through which I examined the need for a new conceptualisation of 'development' in Tonga, if the country is to make sustainable social progress. The idea of sustainable social progress is drawn from the work of Amartya Sen and the 2009 report of the Commission on the Measurement of Economic Performance and Social Progress.
- My research was a combination of qualitative interviews, secondary data and literature analysis.

***Sustainable Enterprises for Sustainable Development Research in Kenya***

- In this project we proposed theoretical principles for 'sustainable enterprises'. We then conducted a six week field study in Kenya to investigate the barriers facing enterprises that fit within this framework - from a 'Legal Empowerment of the Poor' perspective. The fieldwork consisted of a series of qualitative interviews with entrepreneurs, NGO staff and government officers.
- I led a small team of fellow students to develop a research proposal, obtain university funding, undertake fieldwork and prepare a conference paper.

**Coursework**

- The LUMES programme included three semesters of coursework including courses on: a history of economic and social philosophy, global governance, sustainability and development, environmental problems and pollution, systems analysis, and research methods. My electives in the third semester were sustainability issues around water, energy and rural development.

**Bachelor of Civil Engineering - Honours****2000 - 2002**

University of Canterbury – Christchurch, New Zealand

*www.canterbury.ac.nz*

- Skills Gained: Engineering design, environmental engineering, systems analysis, infrastructure planning, building systems, project management.
- I completed this 4 year honours degree in three years by gaining direct entry to the first professional year.

## Publications

### *A Study of Sustainable Social Progress in the Kingdom of Tonga*

- Conference paper presented to the 9<sup>th</sup> Global Conference on Environmental Justice and Global Citizenship – July 2010 in Oxford, UK. To be published in conference proceedings ISBN e-book.

### *Sustainable Enterprises for Sustainable Development: A Kenyan case study into the potential of a Legal Empowerment of the Poor approach to nurturing sustainable enterprises*

- Research paper prepared as part of the Lund University Initiative on Legal Empowerment of the Poor. Included in the *Investigating the Legal Dimension* conference proceedings – March 2010 in Lund, Sweden.

These papers can be downloaded from my website [www.littlelion.co.nz](http://www.littlelion.co.nz)

## Voluntary Work Experience

### Project Planner

The Mountain Fund - Nepal

**2007**

[www.mountainfund.org](http://www.mountainfund.org)

- Developing a project plan for construction of a school and community building in rural Nepal

### Tour Manager

Noteable - New Zealand

**2005 – 2006**

- Tour management for international musicians including booking concerts, travel logistics and publicity through different media channels.

### Troupe Manager and Performer

**2005**

- Developed, managed and performed in *Fou?* - a masked performance troupe for crowd entertainment during the World Buskers Festival in Christchurch, New Zealand.

### Production Manager

Elmwood Players – New Zealand

**2004**

- Production management of *The Dresser* by Ronald Harwood. Obtained community and corporate funding. Awarded The Christchurch Star amateur production of the year 2004.

### WWOOF Volunteer

**2004**

- Working on an organic farm in Austria for six weeks.

### Production Manager

University of Canterbury Students' Association – New Zealand

**2001 – 2002**

- University Drama Society productions: William Shakespeare's *Richard III* – Awarded Best University Show of 2002; and *3 Some* – Awarded Best University Show of 2001
- Planning and execution of a successful Guinness World Record challenge for the 'largest shot slam' involving over 500 students

## Additional Information

### Further Education

- UN *Advanced Security in the Field* certificate 2010
- RedR New Zealand *Essentials of Humanitarian Practice* certificate 2006
- RedR New Zealand *Personal Security and Communication* certificate 2006
- New Zealand Coastguard *Boatmaster* certificate 2006
- New Zealand Driver's License 1998
- Secondary School at Christ's College, New Zealand - A Bursary 1995 - 1999

### Awards & Memberships

- Member of the Australian and UK Registers of Engineers for Disaster Relief Current
- Hume Fellowship for Masters studies in Sweden - [www.ipenz.org.nz/hume/index.htm](http://www.ipenz.org.nz/hume/index.htm) 2009
- Duke of Edinburgh's Gold Award – [www.challengenz.org.nz](http://www.challengenz.org.nz) 1999

### Languages

- English - Native speaker
- German - Intermediate conversational level

### Computer Skills

Highly skilled in a range of both Windows and Apple based software including:

- MS Office programs - Excel, Word, Powerpoint, Visio, Project & Outlook
- Systems analysis modeling – Stella, and Vensim
- Graphic, audio and web programs - Dreamweaver, Photoshop, iMovie, iPhoto, Garageband

### Other Interests and Activities

- Arts and Music: Photography, sculpting, juggling, theatre, guitar and percussion
- Production: Organising concerts, events and theatre
- Sports: Running, sailing, tramping, rock climbing, orienteering, snowboarding and skiing, scuba diving, football, unicycling, squash and tennis

### Recent Conferences Attended

- *Residues to Revenues* – 2011 in Rotorua, NZ
- *Global Conference on Environmental Justice and Global Citizenship* – 2010 in Oxford, UK
- *Rework the World* – 2010 in Leksand, Sweden
- *UNFCCC COP15* – 2009 in Copenhagen, Denmark
- *The Integration of Sustainable Agriculture, Rural Development, and Ecosystems in the Context of Climate Change, the Energy Crisis and Food Security* – 2009 in Agadir, Morocco
- *International Association for Impact Assessment Annual Conference* – 2009 in Accra, Ghana