

Timothy Charles Taylor

Curriculum Vitae

Core Competencies

Sustainable Energy Systems

- Sound knowledge of a range of energy technologies, the challenges facing the implementation of more sustainable energy systems, and pathways to overcome such barriers

Programme and Project Management

- Encouraging creativity and teamwork in a project team, while ensuring the time, budget and scope management that is critical to successful completion of projects within available resources.

Strategic Sustainability Advice

- Development of strategic approaches to tackling complex sustainability challenges, with a focus on development priorities and measures.

Sustainable Social Enterprise Development

- Design and implementation of projects and policy to support the development of 'sustainable social enterprises' that are viable in pursuit of social and ecological goals and returns.

International Development

- Experienced with building partnerships, project management and research work on complex development issues in different national and cultural contexts.

Communication

- Excellent written, interpersonal and public presentation skills. Adaptable with tone, style and format to different audiences and situations.

Research

- Effective conducting qualitative field research and analysis

Employment History

Christchurch Recovery Programme Coordinator

Energy Efficiency and Conservation Authority; New Zealand

Current (1/2 Time)

www.eeca.govt.nz

- Coordination of EECA's support for the recovery of Christchurch following the 2010 and 2011 earthquakes, which is made up of a range of initiatives to promote efficient and renewable energy systems.
- Assisting with realisation of a viable District Energy Scheme in Central Christchurch (feasibility project steering group member)
- Assisting businesses to move to take up renewable forms of heating, primarily biomass (Business Renewables Advisor position).

Project Manager and Sustainability Advisor

Octa Associates Ltd; New Zealand

Current (1/2 Time)

www.octa.co.nz

- Programme management of earthquake recovery work at Rangi Ruru Girls' School and St Andrew's College in Christchurch; and providing business with advice on improving the sustainability of their facilities and operations.

Masters Student (see Education section)

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 develop a capacity building plan for the implementation of future national infrastructure projects.

Indian Ocean Tsunami Reconstruction Projects

- Project and financial management of recovery projects (\$0.5 million to \$4.5 million USD). Completing these projects on-time, and within an inflexible budget in a very complex environment required excellent logistics skills and 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

- Coordination of feasibility studies and resource-testing for new windfarm sites (Mighty River Power). This involved considering a number of technical, environmental and social factors in developing strategic project plans and business cases for each site.
- Onsite coordination of construction completion and commissioning of a NZ\$35 million chilled lamb meat processing facility (CMP Rangitikei).

Tertiary Education

Master's in Environmental Studies and Sustainability Science

Lund University - Lund, Sweden

2008 - 2010

www.lumes.lu.se

Master's Thesis: *A Study of Sustainable Social Progress in the Kingdom of Tonga*

- This was an individual research project into 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.

Bachelor of Civil Engineering - Honours

University of Canterbury – Christchurch, New Zealand

2000 - 2002

www.canterbury.ac.nz

- Skills Gained: Engineering design, environmental engineering, systems analysis, infrastructure planning, building systems and project management.

Further Education

JENYSYS Future Leaders Programme on Energy Security

Japan Foundation

2012

www.jpf.go.jp/e/index.html

- New Zealand representative on this programme focussed on the question of moving towards sustainable and secure energy systems.
- The programme was an opportunity to learn about the Japanese experience, especially in the aftermath of the Great East Japan Earthquake and Fukushima disaster. It was also an excellent chance to discuss energy security issues with a range of young leaders from around the Asia/Pacific region.

Voluntary Work Experience

Recovery Advisor

2011

Peterborough Village Inc

www.peterboroughvillage.org.nz

- Facilitating community workshops and development of a draft Recovery Strategy for the Peterborough community.

Project Planner

2007

The Mountain Fund - Nepal

www.mountainfund.org

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

Tour Manager

2005 – 2006

Noteable - New Zealand

- 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

2004

Elmwood Players – New Zealand

- 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

2001 – 2002

University of Canterbury Students' Association – New Zealand

- 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

Certificates Held

- UN *Advanced Security in the Field* 2010
- RedR New Zealand *Essentials of Humanitarian Practice* 2006
- RedR New Zealand *Personal Security and Communication* 2006
- New Zealand Coastguard *Boatmaster* 2006
- New Zealand Driver's License 1998
- School Certificate and Bursary Examinations 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 2009
- Duke of Edinburgh's Gold Award – 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

Major Conferences Attended

- *Rework the World* – 2010 in Leksand, Sweden
- *UNFCCC COP15* – 2009 in Copenhagen, Denmark
- *International Association for Impact Assessment Annual Conference* – 2009 in Accra, Ghana