

RESUME – MARTINA GEHRKE

EMPLOYMENT HISTORY:

- A Nurtured World Inc - Research Analyst (2008 - Present)
- Work in South America (5 Years)
Application of knowledge about sustainable management through work in the tourism industry in Chile, Peru and Ecuador
- The Open Polytechnic of New Zealand (9 Years)
The Open Polytechnic of New Zealand is a provider of tertiary extramural education with 35.000 enrolled students annually.
Degree Convener, Bachelor of Applied Science (BAppSci)
Section Manager, Environment Degree and Associated Diplomas
Lecturer, Environment Degree
- Work with Industry in New Zealand (3 Years)
- Work with Business in Germany (4 Years)

EDUCATION, Achievements and Certification:

- Currently Pursuing Doctorate (pHD Educational Technology), North Central University
- 2002 Justice of the Peace – Wellington, New Zealand
- 2001 Senior Lecturer - The Open Polytechnic of New Zealand
- 2001 Registered Environmental Associated Auditor
- 2000 TNS Consultant – The Natural Step Foundation of New Zealand
- 2000 Toastmaster - Bronze Certificate
- 1999 Project Team Member for the implementation of the Investors in People Standard and the Natural Step Framework
- 1997 Internal Auditor at the Open Polytechnic of New Zealand towards ISO 9001
- 1997 RCA – ass.env. Auditor (Quality Society of Australasia)
- 1996 Certificate in Tertiary Teaching – University of Wellington, New Zealand
- 1991 MA Economics – University of Hannover, Germany

EXPERIENCE and Responsibilities:

A Nurtured World, Inc.:

- Consumer-Pollution Prevention Training and Assessment
- Involvement in development of a prototype tool for measuring pollution prevention under an EPA grant-funded program.
- Development of Teaching materials for grade two students, matching the science, mathematics and language Texas Essential Skills with Environmental Education.
- Adapting a previously developed Curriculum for Environmental Education and Consumer Choices for intra state teaching for level 6, 7 and 8

The Open Polytechnic of New Zealand:

Degree Convener, Bachelor of Applied Science (BAppSci) (1999 – 2003):

- Management of the overall growth (over 50% between 1999 and 2001) and academic development of the degree and all associated programs.
- Strategic planning and reporting to Executive Director, Faculty, Academic Board and National Qualification Authority.
- Liaison with industry and international Universities.
- Lead and liaise with section managers and their staff with direct report from degree coordinator.

- Expand on subject specific research expertise while maintaining teaching role for two third year environmental courses.
Section Manager, BAppSci - Environment Degree and Associated Diplomas (1996 – 1999):
- Management of program, including planning and reporting.
- Industry liaison and environmental consultancy work to industry.
Direct
- Direct reports from staff based on campus and adjunct faculty.
- Maintain teaching responsibility for three environmental courses.
Lecturer, Environmental Degree Courses (1994 – 1996):
- First- to third year-university level course development and –coordination.
- Course teaching and course management.
- Member of the BAppSci steering panel during degree development phase.

Other Work and Projects at the Open Polytechnic of New Zealand (TOPNZ):

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| 2000 | Selected and sponsored to participate in the internal Leadership Development Program. |
| 2000 | Project Team Member – TOPNZ wide implementation of the Natural Step framework for environmentally sustainable business practices. |
| 1999 - 01 | Steering Group Member - accreditation of the International Investors in People Standard |
| 1999 - 01 | Elected Academic Board Member. |
| 1997 | Internal Quality Auditor against ISO 9001, conducting TOPNZ internal process audits on an ongoing basis and reporting to CEO's office |
| 1997 | Designed and implemented the initial Green Map of Wellington (New Zealand capital) |

PUBLICATIONS

Publications - Conference Papers - Presentations – Courseware – Grant Applications
Publications – published under Tina (T) Gehrke

Internet Publications:

T. Gehrke. (2002) Design of Intranet pages for the Open Polytechnic of New Zealand – The Natural Step and The Open Polytechnic of New Zealand. <http://topic/TMS/TNS.cfm>

T. Gehrke. (1997) Design of 1st Edition of Educational Wellington City Green Map – initially published as part of the global Green Map System

Chapters and referenced articles:

With A. Karmath (2002) Triple Bottom Line Reporting – The Future of Corporate Citizenship in India. Article submitted to the Indian Accounting Journal

With S. Harms (August 2002) The Open Polytechnic of New Zealand Environmental Review Report.
The Open Polytechnic of New Zealand,

T. Gehrke (May 2000) Towards the Implementation of Sustainable Business Practices in New Zealand Organizations – A review of current activities and new trends such as the Natural Step Framework, The Open Polytechnic of New Zealand, Working paper.

With L.Roberts (1996) Linkage between Best Practice in Business and Good Environmental Performance by Companies. The Cleaner Production Journal. 4. (3-4). (pp. 189-202)

Thesis:

T. Gehrke (1991) The Necessity of Internal Environmental Agreements – the example of driftnet fishing and the difficulty to integrate different cultural beliefs into international decision making. University of Hannover (127pages)

Non Refereed Journals and Public Media:

T. Gehrke (July 2002) The Natural Step – A Framework for change towards company sustainability. New Zealand Business for Social Responsibility Newsletter, (p70)

T. Gehrke (Oct 2000) Managing a Finite Resource. Sunday Star Times, Education Update, (p12)

T. Gehrke. (2000) The Natural Step for Management The New Zealand Journal for Environmental Health, (3) (p30)

T.Gehrke (1996) Synopsis of Environmental Education through Open Learning. Warner Bulletin, Journal of the Resource Foundation. No 49 (p16)

T. Gehrke (1996) Editorial on Environmental Education. The New Zealand Journal of Environmental Health, (2) (p23)

With P. Walker, J Blakeley, J. Strutton (September 1996) Putting Science in Context. New Zealand Education Review, (pp 12-13)

T. Gehrke. Six articles between 1996 and 1997 on implications of the new ISO 14000 draft standard on Environmental Management Systems Developments in New Zealand. Green Business Challenge Newz – the Newsletter of the Nelson Green Business Challenge
T. Gehrke. ISO 14000 Training Course Review. The Wellington Environmental Business Network, Local Newsletter, issue 3, April 1996.

Features on Environmental Education in the NZAEE Newsletter, National Newsletter between 1997 and 1998.

Short articles and editorials on environmental and business issues in different newspapers, 1998 the Dominion, 01/13/98; Otago Daily Times, 05/12/98; NZ Herald, 05/26/98.

Conference Papers:

T.Gehrke (2002) Adopting the Natural Step Framework at the Open Polytechnic of New Zealand – Leading the Way by Being Guided. Paper presented at the New Zealand association for Environmental Education Conference, Hamilton, New Zealand, January 16- 19, 2002.

T.Gehrke (2001) Sustainable Business Development – A Three Dimensional Approach. Paper presented at the Forging Partnerships for Sustainable Development Conference, Bratislava, Slovakia, November 7-10, 2001.

With K. Tester (1999) Environmental Economics – An Application of Problem Based Learning in a Distance Mode. Paper presented at the 7th Teaching Economic Conference Perth. Australia, July 1999.

T.Gehrke (1997) Perceptions of Education Technology – a Study of Views on Educational technologies Shared at the Open Polytechnic of New Zealand. Paper presented to ICDE Conference. Pennsylvania State University. 1997 CD Rom publication.

T. Gehrke (1996) Women in Tertiary Environmental Education. Gender and Science and Technology Conference Proceedings. Auckland College of Education, New Zealand (pp.180-181).

Presentations:

T. Gehrke (2000 November) An Overview about Current New Zealand Environmental Issues. Two presentations to the University of Hannover and Fernuniversitaet, Hagen, Germany.

T.Gehrke. (2000 July) Women in Tertiary Environmental Education. Forum presentation to the Gender and Science and Technology Conference Proceedings. Auckland College of Education.

T. Gehrke (1996 – May) Science in Perspective: recent philosophical insights and a practical example of making science relevant and accessible to society. Seminar presented to the Science – Woman and Our Future Conference. Wellington, New Zealand

T.Gehrke (1996 December) Using the Delphi Technique for a Study of Views on Educational Technology at the Open Polytechnic of New Zealand.. Seminar presented to the New Zealand Research in Education Association Conference. Nelson

With P.Wilkinson, A Martin, M. Bell, G, Harris (1998) Perceptions of the Course Development Process in a Distance Education Institution. Seminar presented at the Adult Learning Cultures: Challenges and Choices Conference. Wellington, New Zealand.

Courseware:

New Writing:

The Open Polytechnic of New Zealand. Individual Studies: Option B, The Portfolio (third year course) - 2001

Technical writing

The Open Polytechnic of New Zealand. Environmental Economics (third year course) -1998

The Open Polytechnic of New Zealand. Environmental Management Systems (third year course) - 1996

Writing of Course updates

Environment and Business (first year) 1996 and 2000

Global Environmental Studies (first years) 1997

Grant applications:

T. Gehrke (1998) Research proposal review for grant application to the Foundation for Science, Research and Technology. Energy Generation through waste disposal.

T. Gehrke. Research proposal for grant application to the Foundation for Science, Research and Technology. Evaluating efficient fish food generation.