

Environment Update

June 2009

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Please note that some of the articles listed are on a database that we are trialling so will only be available from our collection until June 29th 2009.

- All articles with a "✓" are held in the Energy Library collection.
- All other articles are on the trial database so please request them by June 29th 2009.

Kat McAra, Current Awareness Advisor

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Featured Energy Library book

Heat: How to stop the planet burning. Monbiot, George; Prescott, Matthew. London. Penguin, 2006

Discusses the causes and effects of global climate change, as well as possible solutions to the problem. Contents: A Faustian pact -- The denial industry -- A ration of freedom -- Our leaky homes -- Keeping the lights on -- How much energy can renewables supply? -- The energy internet -- A new transport system -- Love miles -- Virtual shopping -- Apocalypse postponed. (To borrow this book email library@energylibrary.org.nz and quote **Env1-Loan**) ✓

Management, HR and marketing articles

The environmental manager's guide to environmental liability insurance. Forrest, Carol J.; Wesley, Diana L. *Environmental Quality Management*; Spring 2008, Vol. 17 (3), p.1-9 (To request: email library@energylibrary.org.nz and quote **Env1-Forrest**) ✓

Leading to grow and growing to lead: Leadership development lessons from positive organizational studies. G. Spreitzer. *Organizational Dynamics*; Vol. 35 (4) 2006, p.305-315
(To request: email library@energylibrary.org.nz and quote **Env1-Spreitzer**) ✓

Understanding business decision making on the environment. Andy Gouldson. *Energy Policy*; Vol. 36 (12) Dec 2008, p.4618-4620

This paper considers the influence of a range of factors within and around the firm on business decision making relating to the environment. Within the firm, it emphasises the importance of governance structures, corporate cultures and organisational capacities. Around the firm, it stresses the importance of the incentives, imperatives and informational pressures that emerge from governments, markets and civil society. It is argued that change is most likely where the various external pressures resonate with each other, and where they impact upon firms with receptive corporate cultures and adequate organisational capacities...[abstract excerpt].

(To request: email library@energylibrary.org.nz and quote **Env1-Gouldson**) ✓

Creative potential and practised creativity: Identifying untapped creativity in organizations. DiLiello, Trudy C.; Houghton, Jeffery D. *Creativity & Innovation Management*; Mar 2008, Vol 17 (1), p.37-46

(To request: email library@energylibrary.org.nz and quote **Env1-Houghton**) ✓



Decoding resistance to change. Ford, Jeffrey D.; Ford, Laurie W. *Harvard Business Review*; Apr 2009, Vol. 87 (4), p.99-103

When a change initiative falters, the knee-jerk response can be to blame those who won't get on board. Jeffrey Ford, of the Ohio State University, and Laurie Ford, of Critical Path Consultants, examine why that type of reaction is not only pointless but potentially destructive. Drawing on their years of research and consulting work, the authors recommend seeing resistance for what it really is -- feedback -- and propose five ways for leaders to use that feedback to effect change more productively...[abstract excerpt].

(To request: email library@energylibrary.org.nz and quote **Env1-Ford**) ✓

Monitor and manage your stress level for top performance. Ross, Judith A. *Harvard Management Update*; Apr 2009, Vol 14 (4), p.1-5

(To request: email library@energylibrary.org.nz and quote **Env1-Ross**) ✓

Leadership versus management: How they are different, and why. Toor, S.; Ofori, G. *Leadership & Management in Engineering*; Apr 2008, Vol. 8 (2), p.61-71

(To request: email library@energylibrary.org.nz and quote **Env1-Toor**) ✓

News flash: Workplace socializing is productive. *Gallup Management Journal Online*; 11/13/2008, p.1-4

(To request: email library@energylibrary.org.nz and quote **Env1-Gallup**) ✓

Impact of peer mentor training on creating and sharing organizational knowledge.

Bryant, Scott E.; Terborg, James R. *Journal Leadership & Management*; Spring 2008, Vol 20 (1), p.11-29

(To request: email library@energylibrary.org.nz and quote **Env1-Bryant**) ✓

Knowledge transfer in project-based organizations: An organizational culture perspective.

Ajmal, Mian M. and Koskinen, Kaj U. *Project Management Journal*; Mar 2008, Vol 39 (1), p.7-15

(To request: email library@energylibrary.org.nz and quote **Env1-Ajmal**) ✓

Is the socially responsible corporation a myth? The good, the bad, and the ugly of corporate social responsibility.

Devinney, Timothy M. *Academy of Management Perspectives*; May 2009, Vol 23 (2), p.44-56

(To request: email library@energylibrary.org.nz and quote **Env1-Devinney**) ✓

The biosphere rules.

Unruh, Gregory C. *Harvard Business Review*; Feb 2008, Vol. 86 (2), p.111-117

Sustainability, defined by natural scientists as the capacity of healthy ecosystems to function indefinitely, has become a clarion call for business. Leading companies have taken high-profile steps toward achieving it: Wal-Mart, for example, with its efforts to reduce packaging waste, and Nike, which has removed toxic chemicals from its shoes. But, says Unruh, the director of Thunderbird's Lincoln Center for Ethics in Global Management, sustainability is more than an endless journey of incremental steps. It is a destination, for which the biosphere of planet Earth -- refined through billions of years of trial and error -- is a perfect model. Unruh distills some lessons from the biosphere into three rules....[abstract excerpt]

(To request: email library@energylibrary.org.nz and quote **Env1-Unruh**) ✓

Environmental performance and executive compensation: An integrated agency-institutional perspective.

Berrone, Pascual; Gomez-Mejia, Luis R. *Academy of Management Journal*; Feb 2009, Vol. 52 (1), p.103-126

(To request: email library@energylibrary.org.nz and quote **Env1-Berrone**) ✓

LEED & the safety profession: Green has come of age.

Silins, Neil. *Professional Safety*; Mar 2009, Vol. 54 (3), p.46-49

This is an article about the potential value of a green building program to safety, health and environment (SH&E) in the U.S.

(To request: email library@energylibrary.org.nz and quote **Env1-Silins**) ✓

Revisiting consumer environmental responsibility: A five nation cross-cultural analysis and comparison of consumer ecological opinions and behaviors.

Montgomery, Cameron; Stone, George. *International Journal of Management & Marketing Research (IJMMR)*; 2009, Vol. 2 (1), p.35-58

(To request: email library@energylibrary.org.nz and quote **Env1-Stone**) ✓

Environment articles

Assessment, Monitoring and Measurement

The status of protected area management evaluation in Australia and implications for its future. Jacobson, C. et al. *Australasian Journal of Environmental Management*; 01/12/2008, Vol. 15 (4), p.202-210

Evaluation of protected area management in Australia has been driven by public sector reporting requirements and concern to improve management performance. This review of the status of management evaluation in large protected area management agencies reveals considerable variability in effort applied to evaluation, with emphasis being given to context and planning for management and outcomes of management as it affects valued resources. Agencies have largely adopted best practice principles in making assessments, but are not comprehensive in assessing all parts of the management cycle. The current emphasis may serve reporting requirements, but does not provide information and links that can assist in identifying the factors that affect achievement (or otherwise) of desired management outcomes. This constrains capacity to adopt an adaptive management approach to park management based on management effectiveness evaluations.

(To request: email library@energylibrary.org.nz and quote **Env1-Jacobson**)

Linking environmental impact assessment, environmental management systems and green procurement in construction projects: Lessons from the City Tunnel Project in Malmö, Sweden. Varnäs, Annika et al. *Impact Assessment & Project Appraisal*; Mar 2009, Vol. 27 (1), p.68-76

(To request: email library@energylibrary.org.nz and quote **Env1-Varnas**) ✓

Segmentation algorithm for long time series analysis. Gedikli, Abdullah et al. *Stochastic Environmental Research & Risk Assessment*; Apr 2008, Vol. 22 (3), p.291-302

(To request: email library@energylibrary.org.nz and quote **Env1-Gedikli**)



Voluntary pollution control and local economic conditions as determinants of environmental monitoring and enforcement: Evidence from the 1990s. *Journal of Applied Economics & Policy*; 2009, Vol. 28 (1), p.34-56

(To request: email library@energylibrary.org.nz and quote **Env1-Voluntary**) ✓

Assessing and managing environmental risk: Connecting local government management with emergency management. Somers, Scott; Svava, James H. *Public Administration Review*; Mar/Apr 2009, Vol. 69 (2), p.181-193

(To request: email library@energylibrary.org.nz and quote **Env1-Somers**) ✓

Managing social and environmental impact: A new discipline for a new economy. *Brown Journal of World Affairs*; Spring 2009, Vol. 15 (2), p.43-56

(To request: email library@energylibrary.org.nz and quote **Env1-Impact**) ✓

Measuring environmental performance under different environmental DEA technologies. P. Zhou et al. *Energy Economics*; Vol. 30 (1), Jan 2008, p.1-14

Data envelopment analysis (DEA) efficiency measures integrated with the environmental DEA technology have gained popularity in environmental performance measurement. Most studies assume that the environmental DEA technology exhibits constant returns to scale (CRS). In this paper we further discuss the environmental DEA technologies that exhibit non-increasing returns to scale (NIRS) and variant returns to scale (VRS).... [Abstract excerpt].

(To request: email library@energylibrary.org.nz and quote **Env1-Zhou**) ✓

Policy and Regulation

Reflections on the legitimacy of regional environmental governance: Lessons from Australia's experiment in natural resource management. Wallington, Tabatha et al.

Journal of Environmental Policy & Planning; Mar 2008, Vol. 10 (1), p.1-30

(To request: email library@energylibrary.org.nz and quote **Env1-Wallington**)



Environmental quality and the cost of environmental regulation: A comparison of Scotland with the international community. Le Roux, Jean et al. *European Environment: The Journal of European Environmental Policy (Wiley)*; Jan/Feb 2008, Vol. 18 (1), p.45-54

(To request: email library@energylibrary.org.nz and quote **Env1-Roux**) ✓

Noneconomic engagement and international exchange: The case of environmental treaties. Rose, Andrew K.; Spiegel, Mark M. *Journal of Money, Credit & Banking*; Mar 2009, Vol. 41 (2/3), p.337-363

(To request: email library@energylibrary.org.nz and quote **Env1-Rose**) ✓

Coalitions, science, and belief change: Comparing adversarial and collaborative policy subsystems. Weible, C.; Sabatier, P. *Policy Studies Journal*; 2009, Vol. 37 (2), p.195-212

(To request: email library@energylibrary.org.nz and quote **Env1-Weible**) ✓

The case for regulating intragenic GMOs. Russell, A. Wendy; Sparrow, Robert. *Journal of Agricultural & Environmental Ethics*; Apr 2008, Vol. 21 (2), p.153-181

(To request: email library@energylibrary.org.nz and quote **Env1-Sparrow**)

Agriculture and Forestry

Fertilization in a fourth rotation eucalyptus grandis plantation with minimal management. Graciano, Corina et al. *Journal of Sustainable Forestry*; 2008, Vol. 26 (2), p.155-169

(To request: email library@energylibrary.org.nz and quote **Env1-Corina**)

Assessment of sustainable forest management in New Zealand indigenous forest.

Gillman, Len N. *New Zealand Geographer*; 01/04/2008, Vol. 64 (1), p.57-67
(To request: email library@energylibrary.org.nz and quote **Env1-Gillman**) ✓

Recent developments of safer formulations of agrochemicals. Knowles, Alan.

Environmentalist; Mar 2008, Vol. 28 (1), p.35-44

(To request: email library@energylibrary.org.nz and quote **Env1-Knowles**)

Soil solarization as an alternative to methyl bromide fumigation for annual strawberry production in a Mediterranean area. Iapichino, Giovanni et al. *Journal of Sustainable Agriculture*; Jun 2008, Vol. 32 (2), p.365-375

(To request: email library@energylibrary.org.nz and quote **Env1-Gio**)

Does animal feeding operation pollution hurt public health? A national longitudinal study of health externalities identified by geographic shifts in livestock production.

Sneeringer, S. *American Journal of Agricultural Economics*; Feb 2009, Vol. 91 (1), p.124-137

(To request: email library@energylibrary.org.nz and quote **Env1-Stacy**) ✓

Agriculture and the Carbon Pollution Reduction Scheme (CPRS): Economic issues and implications. Ford, Melanie et al. *Australian Commodities*; 01/03/2009, Vol. 16 (1), p.3-30

(To request: email library@energylibrary.org.nz and quote **Env1-Ford**) ✓

Incentives for biodiversity conservation beyond the best management practices: Are forestland owners interested? Matta, Jagannadha R. et al. *Land Economics*; Feb 2009, Vol. 85 (1), p.132-143

(To request: email library@energylibrary.org.nz and quote **Env1-Matta**) ✓

Participatory approaches for sustainable agriculture: A contradiction in terms? Bruges, Murray; Smith, Willie. *Agriculture & Human Values*; Mar 2008, Vol. 25 (1), p.13-23

(To request: email library@energylibrary.org.nz and quote **Env1-Bruges**)



Grazing land reform in New Zealand: Background, mechanics, and results.

Brower, Ann. *Rangeland Ecology & Management*; Jul 2007, Vol. 60 (4), p.435-440

(To request: email library@energylibrary.org.nz and quote **Env1-Brower**)

Scaling from stand to landscape scale of climate change mitigation by afforestation and forest management: A modeling approach. García-Quijano, Juan F. et al. *Climatic Change*; Feb 2008, Vol. 86 (3-4), p.397-424

(To request: email library@energylibrary.org.nz and quote **Env1-Juan**) ✓

Does an endogenous relationship exist between environmental and economic performance? A resource-based view on the horticultural sector. Galdeano-Gómez, Emilio. *Environmental & Resource Economics*; May 2008, Vol. 40 (1), p.73-89
(To request: email library@energylibrary.org.nz and quote **Env1-Emilio**)

Creating invasion resistant soils via nitrogen management. Vasquez, Edward et al. *Invasive Plant Science & Management*; Jul-Sep 2008, Vol. 1 (3), p.304-314
(To request: email library@energylibrary.org.nz and quote **Env1-Vasquez**)

Risk assessment of potential biofuel species: An application for trait-based models for predicting weediness? Cousens, Roger. *Weed Science*; Nov/Dec 2008, Vol. 56 (6), p.873-882
(To request: email library@energylibrary.org.nz and quote **Env1-Roger**)

Biology

Individual-based models and the management of shorebird populations. Goss-Custard, John D.; Stillman, Richard A. *Natural Resource Modeling*; Spring 2008, Vol. 21 (1), p.3-71
(To request: email library@energylibrary.org.nz and quote **Env1-Goss**)

Structural root growth of young Veronese poplars on erodible slopes in the southern North Island, New Zealand. McIvor, I. R. et al. *Agroforestry Systems*; Jan 2008, Vol. 72 (1), p.75-86
(To request: email library@energylibrary.org.nz and quote **Env1-McIvor**)



Quantification of bird migration by radar – a detection probability problem. Schmaljohann, H. et al. *Ibis*; Apr 2008, Vol. 150 (2), p.342-355
(To request: email library@energylibrary.org.nz and quote **Env1-Heiko**)

Australian biodiversity: Threats for the present, opportunities for the future. Raven, P. H.; Yeates, D. K. *Australian Journal of Entomology*; 01/07/2007, Vol. 46 (3), p.177-187
(To request: email library@energylibrary.org.nz and quote **Env1-Raven**) ✓

Andropogon gayanus (Gamba Grass) invasion increases fire-mediated nitrogen losses in the tropical savannas of Northern Australia. Rossiter-Rachor, N. et al. *Ecosystems*; Feb 2008, Vol. 11 (1), p.77-88
(To request: email library@energylibrary.org.nz and quote **Env1-Rossiter**)

Post-fire vegetation succession in Taxandria linearifolia swamps in the Northern Jarrah Forest of Western Australia. Hayward, Matt W. et al. *Conservation Science Western Australia*; 01/01/2008, Vol. 7 (1), p.35-42
(To request: email library@energylibrary.org.nz and quote **Env1-Hayward**) ✓

Bayesian estimation of age-specific bird nest survival rates with categorical covariates. Cao, J. et al. *Environmental & Ecological Statistics*; Mar 2008, Vol. 15 (1), p.49-58
(To request: email library@energylibrary.org.nz and quote **Env1-Cao**)

The hope of habitat banking. Bean, Michael J.; Wilkinson, Jessica. *Wildlife Professional*; Summer 2008, Vol. 2 (2), p.29-33, 5p
(To request: email library@energylibrary.org.nz and quote **Env1-Bean**)

Urban Environment

Residential proximity to large airports and potential health impacts in New York State. Lin, S. et al. *International Archives of Occupational & Environmental Health*; May 2008, Vol. 81 (7), p.797-804
(To request: email library@energylibrary.org.nz and quote **Env1-Lin**)

Planning for cars in cities: Planners, engineers, and freeways in the 20th century. Brown, Jeffrey R. et al. *Journal of the American Planning Association*; Spring 2009, Vol. 75 (2), p.161-177
(To request: email library@energylibrary.org.nz and quote **Env1-Brown**) ✓

Water

Drivers and barriers to water transfer in a New Zealand irrigation scheme. Lange, M. et al. *Journal of Environmental Planning & Management*; May 2008, Vol. 51 (3), p.381-397
(To request: email library@energylibrary.org.nz and quote **Env1-Lange**)

Real time biomonitoring of surface water toxicity level at water supply stations. Kholodkevich, S. V. et al. *Environmental Bioindicators*; Jan 2008, Vol. 3 (1), p.23-34
(To request: email library@energylibrary.org.nz and quote **Env1-Kholo**)



Fifth national survey of pesticides in groundwater in New Zealand. Gaw, Sally et al. *New Zealand Journal of Marine & Freshwater Research*; 01/12/2008, Vol. 42 (4), p.397-407
(To request: email library@energylibrary.org.nz and quote **Env1-Gaw**) ✓

Spatial modelling of the probability of obtaining a detectable concentration of ammonia in Moreton Bay, Australia. Toscas, Peter J. *Environmental Monitoring & Assessment*; Feb 2008, Vol. 137 (1-3), p.379-385
(To request: email library@energylibrary.org.nz and quote **Env1-Toscas**)

Science and technology for water purification in the coming decades. Shannon, Mark A. et al. *Nature*; 20/03/2008, Vol. 452 (7185), p.301-310
(To request: email library@energylibrary.org.nz and quote **Env1-Shannon**) ✓

The green frog and desalination: A Nyungar metaphor for the (mis-) management of water resources, Swan Coastal Plain, Western Australia. McDonald, Edward et al. *Oceania*; 01/03/2008, Vol. 78 (1), p.62-75
(To request: email library@energylibrary.org.nz and quote **Env1-Edward**) ✓

Life-cycle energy use and greenhouse gas emissions inventory for water treatment systems. Racoviceanu, Alina I. et al. *Journal of Infrastructure Systems*; Dec 2007, Vol. 13 (4), p.261-270
(To request: email library@energylibrary.org.nz and quote **Env1-Alina**) ✓

Creating metal-spiked bed sediments: A case study from Orewa Estuary, New Zealand. Lu, Xueqiang et al. *Environmental Toxicology & Chemistry*; Oct 2008, Vol. 27 (10), p.2088-2096
(To request: email library@energylibrary.org.nz and quote **Env1-Lu**)

Environmental assessment of residential buildings with an emphasis on water conservation. Ilha, M. S. O. et al. *Building Services Engineering Research & Technology*; Feb 2009, Vol. 30 (1), p.15-26
(To request: email library@energylibrary.org.nz and quote **Env1-Ilha**) ✓

Waste

Four-in-one waste recycling performance of local governments in Taiwan. Hu, Jin-Li et al. *Resources, Energy & Development*; Sep 2008, Vol. 5 (2), p.83-94
(To request: email library@energylibrary.org.nz and quote **Env1-Jin**)



The use of F-specific coliphages to assess effluent treatment and reuse schemes. Chinivasagam, H. N. et al. *Environmental Technology*; May 2008, Vol. 29 (5), p.515-524
(To request: email library@energylibrary.org.nz and quote **Env1-Chiniva**)

Mesophilic and thermophilic anaerobic digestion of municipal sludge and fat, oil, and grease. J. C. Kabouris et al. *Water Environment Research*; May 2009, Vol. 81 (5), p.476-485
(To request: email library@energylibrary.org.nz and quote **Env1-Kabouris**) ✓

Climate and Emissions

Local authorities, climate change and small and medium enterprises: Identifying effective policy instruments to reduce energy use and carbon emissions. Bradford, Jaryn; Fraser, Evan D. G. *Corporate Social Responsibility & Environmental Management*; May/June 2008, Vol. 15 (3), p.156-172
(To request: email library@energylibrary.org.nz and quote **Env1-Bradford**) ✓

Cool it: The skeptical environmentalist's guide to global warming. Wenning, Richard E. *Integrated Environmental Assessment & Management*; Oct 2008, Vol. 4 (4), p.526-527.

This article reviews the book by Bjorn Lomborg.

(To request: email library@energylibrary.org.nz and quote **Env1-Wenning**)

The economic impacts of climate change: Evidence from agricultural output and random fluctuations in weather. Deschênes, Olivier; Greenstone, Michael. *American Economic Review*; Mar 2007, Vol. 97 (1), p.354-385

(To request: email library@energylibrary.org.nz and quote **Env1-Greenstone**) ✓

Anthropology and global warming: The need for environmental engagement.

Batterbury, Simon. *Australian Journal of Anthropology*; 01/04/2008, Vol. 19 (1), p.62-68

(To request: email library@energylibrary.org.nz and quote **Env1-Batterbury**) ✓

Research on transportation-related emissions: Current status and future directions. Lei Yu et al. *Journal of the Air & Waste Management Association*; Feb 2009, Vol. 59 (2), p.183-195

(To request: email library@energylibrary.org.nz and quote **Env1-Lei**) ✓

Critical review of exergy-based indicators for the environmental impact of emissions. Yongan Ao et al. *International Journal of Green Energy*; 2008, Vol. 5 (1/2), p.87-104

(To request: email library@energylibrary.org.nz and quote **Env1-Yongan**)



Land-use conversion effects on CO2 emissions: From agricultural to hybrid poplar plantation. Saurette, D. et al. *Ecological Research*; May 2008, Vol. 23 (3), p.623-633

(To request: email library@energylibrary.org.nz and quote **Env1-Saurette**) ✓

Emission of N2O from polycyclic aromatic hydrocarbons contaminated soil at different water contents added with vermicompost. Álvarez-Bernal, Dioselina et al. *Compost Science & Utilization*; Winter 2009, Vol. 17 (1), p.48-54

(To request: email library@energylibrary.org.nz and quote **Env1-Bernal**) ✓

Energy and Mining

Running the world on renewables: Hydrogen transmission pipelines and firming geologic storage. Leighty, W. *International Journal of Energy Research*; Apr 2008, Vol. 32 (5), p.408-426

(To request: email library@energylibrary.org.nz and quote **Env1-Leighty**)

Small hydel for environmentally sound energy in remote areas: Lessons from the Indian Himalayas. Uitto, Juha I. *Focus on Geography*; 01/09/2008, Vol. 51 (2), p.1-8

(To request: email library@energylibrary.org.nz and quote **Env1-Juha**) ✓

Energizing environmental activism? Environmental justice in extreme oil: The wilderness and oil on ice. Monani, Salma. *Environmental Communication*; Mar 2008, Vol. 2 (1), p.119-127

The article reviews several films related to global oil politics.

(To request: email library@energylibrary.org.nz and quote **Env1-Salma**)

Tilting at windmills? The environmental movement and the emergence of the U.S. wind energy sector. Sine, W.D.; Lee, B. H. *Administrative Science Quarterly*; Mar 2009, Vol. 54 (1), p.123-155

(To request: email library@energylibrary.org.nz and quote **Env1-Sine**) ✓



Identifying sources of oil spills in a refinery by gas chromatography and chemometrics: A case study. Pasadakis, Nikos et al. *Environmental Forensics*; Mar 2008, Vol. 9 (1), p.33-39

(To request: email library@energylibrary.org.nz and quote **Env1-Nikos**)

Phytoremediation of mine tailings in temperate and arid environments. Mendez, Monica O.; Maier, Raina M. *Reviews in Environmental Science & Biotechnology*; Mar 2008, Vol. 7 (1), p.47-59

(To request: email library@energylibrary.org.nz and quote **Env1-Mendez**)

Education and Communication

Statistical confusion among graduate students: Sickness or symptom? Boyles, Justin G. et al. *Journal of Wildlife Management*; Nov 2008, Vol. 72 (8), p.1869-1871

(To request: email library@energylibrary.org.nz and quote **Env1-Boyles**)

NutrientNet: An internet-based approach to teaching market-based policy for environmental management. Nguyen, To N.; Woodward, Richard T. *Journal of Economic Education*; Winter 2009, Vol. 40 (1), p.38-54

(To request: email library@energylibrary.org.nz and quote **Env1-Woodward**) ✓

Community environmental education as a model for effective environmental programmes. Blair, Morag. *Australian Journal of Environmental Education*; 01/07/2008, Vol. 24, p.45-53

(To request: email library@energylibrary.org.nz and quote **Env1-Morag**) ✓

The usefulness of a science degree: The "lost voices" of science trained professionals. Rodrigues, Susan et al. *International Journal of Science Education*; Sep 2007, Vol. 29 (11), p.1411-1433

(To request: email library@energylibrary.org.nz and quote **Env1-Susan**) ✓

Conservation writing: An emerging field in technical communication. Johnson-Sheehan, Richard; Morgan, Larry. *Technical Communication Quarterly*; Jan-Mar 2009, Vol. 18 (1), p.9-27
(To request: email library@energylibrary.org.nz and quote **Env1-Sheehan**) ✓

Literacy and environmental communications: Towards a 'pedagogy of responsibility'. Reid, Jo-Anne. *Australian Journal of Language & Literacy*; 01/06/2007, Vol. 30 (2), p.118-133
(To request: email library@energylibrary.org.nz and quote **Env1-Reid**) ✓

Eco-patent commons: Selected patents made available to benefit the environment. Block, Marc Sandy. *Licensing Journal*; Mar 2009, Vol. 29 (3), p.18-23
(To request: email library@energylibrary.org.nz and quote **Env1-Block**) ✓

Sustainability

Metrics of local environmental sustainability: A case study in Auckland, New Zealand. Ghosh, Sumita et al. *Local Environment*; Aug 2007, Vol. 12 (4), p.355-378
(To request: email library@energylibrary.org.nz and quote **Env1-Sumita**)

Sustainable supply chain management in tourism. Font, Xavier et al. *Business Strategy & the Environment*; May 2008, Vol. 17 (4), p.260-271
(To request: email library@energylibrary.org.nz and quote **Env1-Font**) ✓

Producer responsibility at a turning point? Lifset, Reid; Lindhqvist, Thomas. *Journal of Industrial Ecology*; Apr 2008, Vol. 12 (2), p.144-147
(To request: email library@energylibrary.org.nz and quote **Env1-Lifset**) ✓

Factors inhibiting local government engagement in environmental sustainability: Case studies from rural Australia. Pini, Barbara et al. *Australian Geographer*; 01/07/2007, Vol. 38 (2), p.161-175
(To request: email library@energylibrary.org.nz and quote **Env1-Pini**) ✓

Sociology and Behaviour

Environmental and pro-social norms: Evidence on littering. Torgler, Benno et al. *B.E. Journals of Economic Analysis & Policy: Frontiers of Economic Analysis & Policy*; 2009, Vol. 9 (1), p.1-39
(To request: email library@energylibrary.org.nz and quote **Env1-Benno**) ✓

The new new (Buddhist?) ecology. Callicott, J. Baird. *Journal for the Study of Religion, Nature & Culture*; Jun 2008, Vol. 2 (2), p.166-182
(To request: email library@energylibrary.org.nz and quote **Env1-Baird**)



The transnational context of local environmental harm. White, Rob. *New Zealand Sociology*; 01/07/2008, Vol. 23 (2), p.119-134

(To request: email library@energylibrary.org.nz and quote **Env1-White**) ✓

'A drop in the bucket': Collective efficacy perceptions and environmental behaviour. Bonniface, Leesa; Henley, Nadine. *Australian Journal of Social Issues*; 01/09/2008, Vol. 43 (3), p.345-358

(To request: email library@energylibrary.org.nz and quote **Env1-Henley**) ✓

Living environmentalisms: Coalition politics, social reproduction, and environmental justice. Chiro, Giovanna Di. *Environmental Politics*; Apr 2008, Vol. 17 (2), p.276-298

(To request: email library@energylibrary.org.nz and quote **Env1-Chiro**)

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Special Topic: The challenges of interdisciplinarity

Integrating diverse knowledge through boundary spanning processes – The case of multidisciplinary project teams. Violina Ratcheva. *International Journal of Project Management*; Vol 27 (3), Apr 2009, p.206-215

It has been previously argued that knowledge heterogeneity compiled with geographic separation of team members hinder effective sharing and use of a team's knowledge. The paper explores how multidisciplinary teams interact to overcome the barriers and take advantage of their 'built in' knowledge diversity. The findings of the research suggest that successful integration of multidisciplinary knowledge can be achieved through team's boundary spanning activities and reaching to multiple professional and social communities. Three project boundaries have been identified, project action boundary, project knowledge boundary and project social boundary, which facilitate team members in articulating diverse knowledge perspectives. The findings suggest a need to reconceptualise the boundaries of multidisciplinary teams and to consider the processes of sharing diverse knowledge in a wider professional and social context.

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The impact of scientific information on ecosystem management: Making sense of the contextual gap between information providers and decision makers. Wyk, Ernita et al. *Environmental Management*; May 2008, Vol. 41 (5), p.779-791

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Logics of interdisciplinarity. Barry, Andrew et al. *Economy & Society*; Feb 2008, Vol. 37 (1), p.20-49

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Reformulating modernization-based environmental social theories: Challenges on the road to an interdisciplinary environmental science. Perz, Stephen G. *Society & Natural Resources*; May/Jun 2007, Vol. 20 (5), p.415-430
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Employing philosophical dialogue in collaborative science. Bosque-Pérez, Nilsa A. et al. *Bioscience*; Jan 2007, Vol. 57 (1), p.55-64
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Practicing interdisciplinarity. Lélé, Sharachchandra; Norgaard, Richard B. *Bioscience*; Nov 2005, Vol. 55 (11), p.967-975
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Knowledge creation in multidisciplinary project teams: An empirical study of the processes and their dynamic interrelationships. Patrick S. W. Fong. *International Journal of Project Management*; Vol 21 (7), Oct 2003, p.479-486

This paper reviews key literature on team processes and knowledge creation. Specifically, it assesses and synthesises relevant theories and thoughts to develop a conceptual model of the knowledge creation process. Empirical evidence, collected from two projects—an infrastructure development project and a residential development project—is also exploited as a means of building a conceptual model of knowledge creation. This paper explains the processes of knowledge creation within the context of multidisciplinary project teams. It also considers the dynamic interrelationships between the proposed processes. The paper provides a framework not only for future research to systematically examine and test knowledge creation processes within different team situations, but also to allow management to continuously anticipate knowledge creation activities within their own organisations...[abstract excerpt].



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