

VICTORIA UNIVERSITY OF WELLINGTON

School of Government  
Faculty of Commerce and Administration

PUBL 207

ENVIRONMENTAL POLICY

2006

LECTURE DATES, TOPICS & READINGS

**A THE SCOPE OF THE POLICY PROBLEM, ECOLOGY & THE LIMITS TO GROWTH AND SUSTAINABILITY DEBATES**

- 1 Monday 10 July**      **Introductions, Introduction to the course and documentation. Environmental Policy and Management of Human Impacts on the Environment: the scope of the area and of the course.**  
**Introduction to the course.** – contacts, objectives, assignments weights & deadlines; problems. Content of course, documentation, readings, workload.

**Environment and functions and services from the environment, relationship to the economy and society, values and resources, notions of natural capital and social capital.**

**Readings (\*= priority reading):**

\*Statistics New Zealand (2002) Monitoring Progress Towards a Sustainable New Zealand: An Experimental Report & Analysis. Statistics New Zealand, Wellington ISBN 0-478-26904-8 pp 9 – 17 & 89 – 95.

\*Young, Michael (1992) Sustainable Investment and Resource Use, Sustainable Investment and Resource Use MAB, UNESCO, Parthenon, Paris, 179+xvi p; Chapter 1 ISBN 1850703817.

\*Young, Michael (1992) “Some Economic, Ecological and Social Concepts: Underlying Assumptions”, Sustainable Investment and Resource Use, MAB, UNESCO, Parthenon, Paris, 176+xvi p; pp 19 – 23 [ this is incomplete due to copyright restrictions] ISBN 1850703817. (See the library for the complete chapters, but sections are in your readings. Copyright restricts us supplying the full amount.)

\*Watson, Robert & A H Zakri, (co-chairs) (2005) Living Beyond our Means: Natural Assets and Human Wellbeing. Millenium Ecosystem Assessment see [www.maweb.org](http://www.maweb.org). See particularly the first section p2-20 (pagination as per the final draft ).

**2 & 3      Wed 12 July**

**The Millennium Ecological Assessment.  
The nature of the problems globally - and in NZ.  
Human impacts, carrying capacity, resource  
scarcity – challenges.**

**Ecology - Some principles of ecology, natural  
systems, the environment as a system and a  
supplier of services and resources. The laws of  
thermodynamics. The Millennium Ecosystem  
Assessment. Ecosystem-based Management.**

**Reading:**

\*Watson, Robert & A H Zakri, (co-chairs) (2005) Living Beyond our Means: Natural Assets and Human Wellbeing. Millenium Ecosystem Assessment see [www.maweb.org](http://www.maweb.org). See particularly the first section p2-20 (pagination as per the final draft ).

AND

\*Daly, Herman E & Joshua Farley (2004) Ecological Economics: Principles and Applications, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p. Chapter 2 & 4 & Chapter 6 from page 103-109. For copyright reasons you will have to see Chapter 6 in the book in the Closed Reserve section of the Library – we cannot give you a copy.

OR

Harris, Jonathan (2006) Environmental and Natural Resource Economics: a contemporary approach, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapt 2

Plus ONE of:

Jay, Mairi (2005) Recent changes to conservation of New Zealand’s native biodiversity. New Zealand Geographer 61, pp 131 – 138.

Mackay, Jo, (2000) Exploring our underwater mountains. Forest & Bird No. 296. May 50pp.

Soroos, M. S., ‘Science and International Climate Change Policy’ (2004), Harrison, N & Bryner G. C (eds) (2004). Science & Politics in the International Environment, Rowan & Littlefield, Lanham, ISBN No. 0-7425-2020-X; xiv+379p pp 83 – 107.

**4              Monday 17 July**

**The Limits to Growth Debates & Ideas about  
Sustainability and Environmental Protection.  
“Sustainable development” – contested concepts  
Strong and weak sustainability. Human wellbeing.  
. “Sustainable development” – v “Growth”. Social  
Justice, North-South, and inclusion-exclusion. Inter-  
temporal and ethical dimensions. Strong and weak  
sustainability.**

**Readings:**

Harris, Jonathan M & Anne-Marie Codur (2004) *Macroeconomics & the Environment Global Development & Environment Institute, Tufts University*, [www.ase.tufts.edu/gdae](http://www.ase.tufts.edu/gdae)

AND

\*Daly, Herman E & Joshua Farley (2004) *Ecological Economics: Principles and Applications*, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p. Chapters 2, 4, & Chapter 6 from page 103-109. For copyright reasons you will have to see Chapters 6 in the book in the Closed Reserve section of the Library – we cannot give you a copy.

OR

Harris, Jonathan (2006) *Environmental and Natural Resource Economics: a contemporary approach*, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapt 2

**For more depth see:**

Lemons, John & Brown, Donald A (eds) (1995), “The role of ethics in sustainable development and environmental protection decision-making”. *Sustainable Development: Science, Ethics and Public Policy*, Kluwer, Dordrecht. ISBN 0-7923-03500-7 xvii+281p.

Arrow, Bolin & Constanza in Dryzek, John S. and Schlosberg, David (ed), (1998) *Economic Growth, Carrying Capacity, and the Environment* *Debating the Earth: The Environmental Politics Reader*. Oxford University Press, New York, 609 pages: pp 35 – 42.

Tunks, Andrea, One Indigenous Vision for Sustainable Development Law? *Tensions and Prospects in Environmental Law for a Sustainable Society* pp 97 – 121.

**Refer also to previous reading:**

Watson, Robert & A H Zakri, (co-chairs) (2005) *Living Beyond our Means: Natural Assets and Human Wellbeing*. Millenium Ecosystem Assessment see [www.maweb.org](http://www.maweb.org). See particularly the first section p2-20 (pagination as per the final draft ).

Young, M D (1992) *Sustainable Investment and Resource Use*, Sustainable Investment and Resource Use, UNESCO/Parthenon. Chapters 1 & 2

**5 & 6      Wed 19 July**

**Ethics, Inter-temporal ethical dimensions. Theories of justice, and the past, present and future. Distribution.**

**Reading:**

Lemons, John & Brown, Donald A (eds) (1995), “The role of ethics in sustainable development and environmental protection decisionmaking”. *Sustainable Development: Science, Ethics and Public Policy*, Kluwer, Dordrecht. ISBN 0-7923-03500-7 xvii+281p.

**On inter-temporal ethics:**

\*D’Amato, Anthony; Brown Weiss, Edith & Lothar Gundling (1990) *Agora: What Obligation Does our Generation owe to the Next? An Approach to Global Environmental Responsibility*, *American Journal of International Law*, Vol 84, pp 190-212

**On distributional issues:**

Daly, Herman E & Joshua Farley (2004) "Market Failures" *Ecological Economics: Principles and Applications*, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p chapter 10, p 181-183, Chapters 15, 22.

**See also:**

Attfield, Robin, (2003) "Some Central Debates". *Environmental Ethics*, Policy Press, Cambridge UK. ISBN 0-7456-2738-2 xii+232p; p 30 – 64.

\*Young, Michael (1992) *Sustainable Investment and Resource Use*, MAB, UNESCO, Parthenon, Paris, p39-46

Barry, John (1999) "Green Politics and Intergenerational Justice: Posterity, Progress and the Environment", in Ben Fairweather, Sue Elworthy, Matt Stroh, and Piers Stephens (eds), *Environmental Futures*, MacMillan Press Ltd: London, 230 + xi pgs, pp. 57-72;

**7            Monday 24 July            Thinking in Time. Dynamic efficiency. Cost benefit analysis, risk, myopia, discounting and controversies. Cost-benefit analysis, discounting and time preferring behaviour. Discount rates and intergenerational issues. Distribution.**

**On Discounting and net present value calculations:**

Wills, Ian (1997) "Decision making over time", *Economics and the Environment: A signalling and incentives approach*, Allen and Unwin, St Leonards, NSW, Aust, 340p chapter 9. ISBN 1864482575.

Goodin, Robert E (1982) "Discounting Discounting", *Journal of Public Policy* 291, p 53 – 72.

**See Also**

Harris, Jonathan (2006) *Environmental and Natural Resource Economics: a contemporary approach*, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapter 5 & 6

&/OR

Tietenberg, Tom.(2003) "Property Rights, Externalities and Environmental Problems" *Environmental Economics and Policy*, Harper Collins, p 26 Chapters 2

**8 & 9            Wed 26 July            Environmental Ethics. Understanding different positions taken by environmental policy actors: philosophical and ethical foundations of environmental policy debates.**

**Ethical reasoning and dimensions of ethical questions for environmental policy.**

**Ethical standing and ethical consideration of humans and non-humans.**

**Reading:**

Attfield, Robin, (2003) “Some Central Debates”. Environmental Ethics, Policy Press, Cambridge UK. ISBN 0-7456-2738-2 xii+232p; p 30 – 64.

Fox, Warwick (1990) “The Most Widely Recognized Approaches to Ecophilosophy”, chapt 6 in Towards a Transpersonal Ecology, Shambala, Boston and London, 300p.

Nash, Roderick F(1989) Ethical Extensionism and Radical Environmentalism in The Rights of Nature, University of Wisconsin Press. You might like to read more of this in the library. We can’t give you more because of copyright restrictions.

Routley, Richard and Routley, Val (1995) ‘Against the Inevitability of Human Chauvinism’, Ch. VI in Elliot, Robert (ed.) Environmental Ethics, Oxford University Press, Oxford, pp. 104 – 128

## CONCEPTS: MARKET AND NON-MARKET CONCEPTS & ALLOCATION

<b>10</b>	<b>Mon 31 July</b>	<p><b>The multifunctional environment and the economy. Goods, services and ecological functions from nature in consumption and production.</b></p> <p><b>Choices and Allocation, public and private. Market and non-market values of the environment and natural resources.</b></p> <p><b>Rivalness and non-rivalness in consumption. Excludability &amp; non-excludability of access and use.</b></p> <p><b>Economic concepts of public and private goods; open access v controlled access. Institutions, incentives, entitlements and obligations.</b></p> <p><b>Motivations – debates and models and their importance for policy: “homo economicus”, experimental and empirical results, citizens and reciprocity.</b></p>
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### Readings:

Harris, Jonathan (2006) Environmental and Natural Resource Economics: a contemporary approach, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapt 1

Goodwin, Neva, JA Nelson, F Ackerman & T Weisskopf (2005) Economics in Context: Goals, Issues & Behaviour, Tufts University Global Development & Environment Institute, [www.ase.tufts.edu/gdae/publications/textbooks/microeconomics.html](http://www.ase.tufts.edu/gdae/publications/textbooks/microeconomics.html) [The first part is background – leave it until later – just skim to see if it would be useful to you]

Harris, Jonathan M & Anne-Marie Codur (2004) Microeconomics & the Environment Global Development & Environment Institute, Tufts University, [www.ase.tufts.edu/gdae](http://www.ase.tufts.edu/gdae) [It is the key concepts we are looking for now, not the analysis of particular policy problems or measures – we will come back to those, so read this selectively].

Gintis and Bowles’ or substitutes. – to be supplied

Young, Michael (1992) Sustainable Investment and Resource Use, MAB, UNESCO, Parthenon, Paris, Chapt 1 & 2. [Skim over this for some of the key concepts – you’ve read it before].

**11 & 12 Wed 2 August Scarcity, market and non-market. Consumption, “utility” and demand. Production, costs and supply. Operation of markets.**

**Readings (those with economics already can skim for the bits that are new to you).**

Goodwin, N, Nelson, JA & Jonathan M Harris (2004) Useful tools and concepts, Tufts University GDAE, at [www.ase.tufts.edu/gdae/publications/textbooks/macroeconomics.html](http://www.ase.tufts.edu/gdae/publications/textbooks/macroeconomics.html)

Goodwin, Neva, JA Nelson, F Ackerman & T Weisskopf (2005) Economics in Context: Goals, Issues & Behaviour, Tufts University Global Development & Environment Institute, [www.ase.tufts.edu/gdae/publications/textbooks/microeconomics.html](http://www.ase.tufts.edu/gdae/publications/textbooks/microeconomics.html)

Daly, Herman E & Joshua Farley (2004) Ecological Economics: Principles and Applications, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p chapters 8 & 9.

AND OR

Case, Karl. E, and Fair, Roy. C. (1994) ‘Demand, Supply, and Market Equilibrium’, ‘Principles of Economics’, 3<sup>rd</sup> ed. Prentice Hall, New Jersey, 1004 p. pp. 74-104

AND the ONE Page:

Brown CV and PM Jackson (1986) Public Sector Economics, 3<sup>rd</sup> Edition Blackwell, Oxford p30, ISBN 0-631-14588-5

**A useful summary of market operation is:**

Harris, Jonathan (2006) Environmental and Natural Resource Economics: a contemporary approach, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapt pp63-72

**13 Monday 7 August Production, costs and supply continued. How prices signal preferences and scarcities, how markets operate in perfect competition & assumptions.**

Daly, Herman E & Joshua Farley (2004) Ecological Economics: Principles and Applications, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p chapters 8 & 9 (Chapters 8 and 9 are for those with no prior economics).

Case, Karl. E, and Fair, Roy. C. (1994) ‘Demand, Supply, and Market Equilibrium’, ‘Principles of Economics’, 3<sup>rd</sup> ed. Prentice Hall, New Jersey, 1004 p. pp. 74-104

You should also have read or skimmed:

Goodwin, N, Nelson, JA & Jonathan M Harris (2004) Useful tools and concepts, Tufts University GDAE, at [www.ase.tufts.edu/gdae/publications/textbooks/macroeconomics.html](http://www.ase.tufts.edu/gdae/publications/textbooks/macroeconomics.html)

Goodwin, Neva, JA Nelson, F Ackerman & T Weisskopf (2005) Economics in Context: Goals, Issues & Behaviour, Tufts University Global Development & Environment Institute, [www.ase.tufts.edu/gdae/publications/textbooks/microeconomics.html](http://www.ase.tufts.edu/gdae/publications/textbooks/microeconomics.html)

**14 & 15 Wednesday 9 August Environmental problems and market failures. Failures of neoclassical assumptions of substitutability of natural and human-made capital. Irreversibilities, substitutabilities and non-substitutabilities of biophysical functions.**

**Perfect competition assumptions violated: external costs and benefits, imperfect competition, unpriced values, missing constituencies, information failures & asymmetries, public goods, common pool resources, uncertainty and more.**

**Transactions costs, risk, uncertainty.**

**Property rights & obligations.**

**Externalities, Pollution & Pollution Control.**

**Readings (There is some overlap between the following, so they are partly substitutes):**

Daly, Herman E & Joshua Farley (2004) "Market Failures" Ecological Economics: Principles and Applications, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p chapter 10 & 11 (See library copy – we cannot copy for you for copyright reasons).

Kahn, R. James. (1995). "Government Intervention in Market Failure", The Economic Approach to Environmental and Natural Resources, Dryden Press, 503 p., pp. 39 – 83 ISBN 0030963524.

Harris, Jonathan (2006) Environmental and Natural Resource Economics: a contemporary approach, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapter 3

You may also wish to look at:

Tietenberg, Tom.(2003) "Property Rights, Externalities and Environmental Problems" Environmental Economics and Policy, Harper Collins, Ch.2- 4

Harris, Jonathan M & Anne-Marie Codur (2004), Microeconomics & the Environment, Tufts University Global Development & Environment Institute, [www.ase.tufts.edu/gdae](http://www.ase.tufts.edu/gdae) 130-150

**16 Monday 14 August Market Failures – continued – as above.**

**Capturing values not expressed in the market; Methods: Qualitative & Quantitative. Ethical and Instrumental. Macro and microeconomic. Micro-economic methods: Contingent valuation, travel costs, hedonic pricing and others. Controversies.**

**Readings:****On Macro-economic methods**

Harris, Jonathan M & Anne-Marie Codur (2004) *Macroeconomics & the Environment Global Development & Environment Institute, Tufts University*, [www.ase.tufts.edu/gdae](http://www.ase.tufts.edu/gdae)

**And for micro-economic methods:**

Harris, Jonathan (2006) *Environmental and Natural Resource Economics: a contemporary approach*, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapter 5 & 6

Tietenberg, Tom, (2004) “Valuing the Environment: Concepts”, *Environmental Economics and Policy*, Pearson-Addison Wesley, 4<sup>th</sup> Edition, ISBN 0-321-19412 -8 xxvi + 498p Chapter 2 & 3

Plus other reading to be specified.

**17 & 18 Wed 16 August Government Failures:**

**Theories of government failures – Demand side, supply side. Voters and revelation of preferences, bureaucratic behaviour, supply side controversies. Counter arguments, debates, evidence, examples.**

**Reading**

Kahn, R. James. (1995). ‘Government Intervention in Market Failure’, *The Economic Approach to Environmental and Natural Resources*, Dryden Press, 503 p., pp. 39-83 ISBN 0030963524 – Vol 1 of Readings

Connolly, Sara & Alistair Munro (1999) “Government Failure”, *Economics of the Public Sector*, Prentice Hall, London. ISBN 013096641xv+515p Vol 1 of Readings 219-228

[NOTE, Readings specified may be subject to change after this point – Volume II of the Readings will provide alternatives as needed.]

**<<<<<< Essay 1 due Thursday 17 August 4.00pm >>>>>>**

***Post in PUBL 207 Assignment box, near CO311 Level 3 of Cotton Block, outside the School of Earth Sciences Office, OR in box 79 on Rutherford House Mezzanine Floor.***

**<<<<<< 21 August- 3 September BREAK >>>>>>**

**19 Mon 4 September**

**Pollution characteristics. The “optimal” amount of pollution. Marginal damage costs and marginal abatement costs. Uniformly and non-uniformly mixed pollutants.**

**Policy instruments for pollution control. Greenhouse gas emission control v localised pollution control.**



Harris, Jonathan (2006) *Environmental and Natural Resource Economics: a contemporary approach*, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapter 3

Tietenberg, Tom (2003) "Economics of Pollution Control: An Overview" *Environmental & Natural Resource Economics*, Harper Collins, NY, 432p; Chapter 15 & Chaps 16-20 in 5th & 6<sup>th</sup> Edition; Chapter 14 and following chapters in earlier editions. xxv+646p ISBN 0-201-77027-X. pp33-6-364 & 365- 389 - You will have to go to the Library for this.

Tietenberg, Tom (2003) "Stationary-Source Local Air Pollution" *Environmental & Natural Resource Economics*, Addison Wesley xxv+646p ISBN 0-201-77027-X Chap 15 & 16

Harris, Jonathan M & Anne-Marie Codur (2004) *Macroeconomics & the Environment Global Development & Environment Institute, Tufts University*, [www.ase.tufts.edu/gdae](http://www.ase.tufts.edu/gdae)

See also the following or others provided instead:

Harding, Ronnie (ed.) (1998) '**Uncertainty, risk and the precautionary principle**', *Environmental Decision Making: the role of scientists, engineers and the public*, The Federation Press, NSW, 366p, pp. 164 – 193. (See the Library for this – we cannot give it to you for copyright reasons.)

Young, M.D, Gunningham, N, Elix, J, Lambert. J, Howard. B, Grabosky. P and McCrone. E, (1996) "Threats, Instruments and Mechanisms", *Reimbursing the Future: An Evaluation of Motivational Voluntary price based, property right, and regulatory incentives for the conservation of biodiversities*. ISBN 0642244294, 135-148

Kahn, R. James. (1995). 'Government Intervention in Market Failure', *The Economic Approach to Environmental and Natural Resources*, Dryden Press, 503 p., pp. 39-83.

**<< Terms Test: 3.10pm Wednesday 6 September 2006 , to follow lecture in Murphy 101 (Usual lecture theatre) >>**

**20 & 21 Wed 6 September**

**lecture followed by Test in MY101**

The test will be 50 minutes, and will contain questions that are short answer, rather longer (eg a paragraph or an annotated graph) and up to page-length answers. It will cover material to and including Wed 17 August and tutorial work to and including Wed 6 of September.

See a copy of former tests which will be posted on Blackboard.

**Environmental Policy formation and implementation:- Models and their critiques, including the Public Policy "stages", processes & policy actors. Public policy decision making: Concepts - policy agenda setting, problem definitions, goals and criteria, constituencies of interest. "Intervention logic". Critiques.**

\*Bridgman, Peter, and Davis, Glyn (2000), The Australian Policy Handbook, 2<sup>nd</sup> edn., Allen & Unwin, NSW, pp 32-33 & Chapters 4 & 5, pp. 34 – 66.

\*Smith , Graham (1993) Public Policy and Interest Representation Impact Assessment and Sustainable Resource Management Longman, NY

Howlett, M & Ramesh, M; (1995) “Actors and Institutions: Assessing the Policy Capabilities of States” Studying Public Policy: Policy Cycles and Policy Subsystems. Toronto, New York, Oxford: Oxford University Press, Pages 50-79 ISBN 0195409760

Baehler, Karen, “Intervention Logic”, Policy Quarterly

### See also

Enthoven, Alain “Ten Practical Principles for Policy and Program Analysis” mimeo

McIntyre, Angus “Suggested Structure for Policy Analysis Memoranda” mimeo

**22            Mon 11 September            Tools for Environmental Policy and Management Measures, instruments and criteria for choice, issues in policy development and implementation.**

\*Young, M.D, Gunningham, N, Elix, J, Lambert. J, Howard. B, Grabosky. P and McCrone. E, (1996) “Threats, Instruments and Mechanisms”, Reimbursing the Future: An Evaluation of Motivational Voluntary price based, property right, and regulatory incentives for the conservation of biodiversities. ISBN 0642244294

Kahn, R. James. (1995). ‘Government Intervention in Market Failure’, ‘The Economic Approach to Environmental and Natural Resources’, Dryden Press, 503 p., pp. 39-83.

**23 & 24    Wed 13 September            Tools for Environmental Policy and Management Measures, instruments and criteria for choice, issues in policy development and implementation, continued.**

**Common Pool, rival & non-excludability, access and entitlement controls, governance issues.**

**Energy, climate change, water**

### Readings:

\*Young, M.D, Gunningham, N, Elix, J, Lambert. J, Howard. B, Grabosky. P and McCrone. E, (1996) “Threats, Instruments and Mechanisms”, Reimbursing the Future: An Evaluation of Motivational Voluntary price based, property right, and regulatory incentives for the conservation of biodiversities. ISBN 0642244294

See also one or more of:

Kahn, R. James. (1995). ‘Government Intervention in Market Failure’, ‘The Economic Approach to Environmental and Natural Resources’, Dryden Press, 503 p., pp. 39-83.

Daly, Herman E & Joshua Farley (2004) "Market Failures" Ecological Economics: Principles and Applications, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p chapters 20-21 p359-387

Tietenberg, Tom (2003) "Stationary-Source Local Air Pollution" Environmental & Natural Resource Economics, Addison Wesley xxv+646p ISBN 0-201-77027-X Chap 15 & 16

Harris, Jonathan M & Anne-Marie Codur (2004) Macroeconomics & the Environment Global Development & Environment Institute, Tufts University, [www.ase.tufts.edu/gdae](http://www.ase.tufts.edu/gdae)

**25 Mon 18 September      Uncertainty, risk, ignorance. Complex systems, competing interests. Toxics, climate change, biodiversity losses.**

Chapman, Ralph & and Howden-Chapman (details to be supplied)

Harding, Ronnie (ed.) (1998) 'Uncertainty, risk and the precautionary principle', Environmental Decision Making: the role of scientists, engineers and the public, The Federation Press, NSW, 366p, pp. 164 – 193. (See the Library for this – we cannot give it to you for copyright reasons.)

Other readings to be specified.

**26 & 27 Wed 20 September\*\*      Maori conceptions of the environment. Traditional Maori cosmogony (theories of the genesis of the cosmos). The Treaty of Waitangi and environmental policy.**

**Reading:**

\*Klein, Ulrich (2000) "Belief-Views on Nature – Western Environmental Ethics and Maori World Views, New Zealand Journal of Environmental Law, Vol 4, pp 81-119

Patterson, John (1992) Exploring Maori Values Dunmore Press, Palmerston North, 190p; p17-24, 28-33, 42-45

Tetitaha, Tania (1996) Address to Plant Biotechnology: Talking Technology Conference Wellington, pp 25-31

(\*\* Subject to change of date to suit visiting lecturer.)

**28 Mon 25 September      New Zealand Environmental Administration, Policy & Management: Laws, Agencies and Roles. The Environment in NZ law: The Environment Act 1986, Resource Management Act 1991 and amendments; The Conservation Act 1987, the Fisheries Act 1996, Oceans Policy development and others.**

**A brief history of reform; agencies and responsibilities; key concepts and coverage, geographical extent.**

**Reading:**

Ministry for the Environment, (1997) State of the New Zealand Environment 1997, Ministry for the environment, Wellington. Chapter 4. (The Report is held in the library and is also available chapter by chapter on the Ministry for the Environment's website, [www.mfe.govt.nz](http://www.mfe.govt.nz)).

Grinlinton, David (2002) Contemporary Environmental law in New Zealand. In Bosselmann, Klaus & David Grinlinton (eds) (2002). Environmental law for a Sustainable Society New Zealand Centre for Environmental law, Mongraph Vol 1 ISBN 0-473-08646-8

Weeber, Barry (1998) 'Ecosystem Management Principles: New Zealand's Marine Legal Framework' in Wallace, Cath, Weeber, Barry and Buchanan, Sam (eds.), Seaviews: Marine Ecosystem Management Obligations and Opportunities, Proceedings of the February 1998 Sea Views Conference, Environment and Conservation Organisations of New Zealand, 278p, pp. 62 – 78. ISBN 0959778616 171-181

**See Also:**

Ministry for the Environment (1999) Your Guide to the Resource Management Act, MfE, Wellington

Ministry for the Environment: [www.mfe.govt.nz](http://www.mfe.govt.nz) - estimating consumption and carrying capacity.

The Department of Conservation's website, [www.doc.govt.nz](http://www.doc.govt.nz)

The websites of the NZ Oceans Policy [www.oceans.govt.nz](http://www.oceans.govt.nz), and Climate change, [www.climate.govt.nz](http://www.climate.govt.nz)

The Ministry of Fisheries [www.fish.govt.nz](http://www.fish.govt.nz)

The Parliamentary Commissioner for the Environment, [www.pce.govt.nz](http://www.pce.govt.nz)

The Environmental Risk Management Authority website [www.erma.govt.nz](http://www.erma.govt.nz)

The Ministry of Agriculture and Forestry – Biosecurity section.

The Energy Efficiency and Conservation Authority, EECA at [www.eeca.govt.nz](http://www.eeca.govt.nz)

**The Oceans Policy website: [www.oceans.govt.nz](http://www.oceans.govt.nz)**

**29 & 30 Wed 27 September**

**Policy and Public Participation; the roles of experts. Rationales for public participation; Forms and means of public & stakeholder participation; What can go wrong.**

**Reading**

\*Harding, Ronnie (1998) Public Participation, Environmental Decision Making: the roles of scientists, engineers and the public, the Federation Press, Sydney, 358+ xvp, Chapt 6 Vol II

Smith, Graham (1993) Public Policy and Interest Representation Impact Assessment and Sustainable Resource Management Longman, NY (Vol II)

Barrow, CJ (1999) Environmental Management: Principles and Practice, Routledge, London and NY, ix + 326p Chapter 6

<<<<< **Essay 2 due Friday 29 September 11.00am** >>>>>

Post in PUBL 207 Assignment box, Level 3 of Cotton Block, outside the School of Earth Sciences Office, OR in box 79 Mezzanine Floor, Rutherford House.

### COMMON POOL / OPEN-CONTROLLED ACCESS RENEWABLE RESOURCES

**31 Mon 2 October Biotic environments and resources. Common Pool and Open/Controlled Access resources: The case of oceans and marine fisheries – analysis. Static analysis of fisheries management. Management challenges and restricting access.**

**Readings:**

OR

Harris, Jonathan (2006) Environmental and Natural Resource Economics: a contemporary approach, Houghton-Mifflin, Boston NY, ISBN 0618496335, 503p Chapters 4 & 14

OR

\*Tietenberg, Tom.(2003) “Biodiversity II: Commercially Valuable Species Environmental Economics and Policy, Harper Collins, Chapter 12 p217-239

OR

\*Daly, Herman E & Joshua Farley (2004) “Biotic Resources” & “Market Failures and biotic resources” Ecological Economics: Principles and Applications, Island Press, Washington, ISBN 1-55963-312-3. xxvii + 454p chapters 6 & 12.

See also,

Jentoft, Svein (2004) “Institutions in fisheries: what they are, what they do, and how they change”, Marine Policy, 28, 137-149 ISSN 0308-597X

<<<<< **Essay 2 due Friday 29 September 11.00am** >>>>>

**Post in PUBL 207 Assignment box, Level 3 of Cotton Block, outside the School of Earth Sciences Office, OR in box 79 Mezzanine Floor, Rutherford House..**

**32 & 33 Wed 4 October Biotic environments and resources continued. Marine environment and fisheries in NZ. Case study – New Zealand. The marine environment & fisheries. Marine law and policy, The Fisheries Quota Management System and the Fisheries Act 1996. Impacts of trawling.**

**Readings:**

Weeber, Barry (1998) 'Ecosystem Management Principles: New Zealand's Marine Legal Framework' in Wallace, Cath, Weeber, Barry and Buchanan, Sam (eds.), Seaviews: Marine Ecosystem Management Obligations and Opportunities, Proceedings of the February 1998 Sea Views Conference, Environment and Conservation Organisations of New Zealand, 278p, pp. 148 – 169.

Wallace, Catherine and Barry Weeber, (2005) Deep-Sea Fisheries: the Lessons of Experience, Policy Quarterly, Vol 1, No 2

Bess, Randall & Michael Harte (2000) "The Role of Property Rights in the Development of New Zealand's Seafood Industry", Marine Policy, 28, 221-226 ISSN 0308-597

MacKay, Jo 'Exploring Our Underwater Mountains', Forest & Bird, May 2000, No. 296, 50p

Ministry of Fisheries, Fisheries Act 1996 – Purpose and Principles, 4p.

**See also**

Wallace, Catherine (1999) "Environmental Justice and New Zealand's Fisheries Quota Management System", New Zealand Journal of Environmental Law, 1999 Vol 3 33-65 ISSN 1174-1538

**34            Mon 9 October**

**NZ's Resource Management Act: Architecture and Implementation. Genesis and core structure and ideas in the Act. Missing architecture. Controversies. Property rights debates. Water allocation, Water Programme of Action.**

**Reading:**

\*Hughes, Phil (2000) The Contribution of the Resource Management Act 1991 to Sustainability: A Report Card after 8 years. Office of the Parliamentary Commissioner for the Environment [www.pce.govt.nz/Speeches](http://www.pce.govt.nz/Speeches)

Grinlinton, David (2002) Contemporary Environmental Law in New Zealand, In Bosselmann, Klaus and David Grinlinton (2002) Environmental Law for a Sustainable Society, New Zealand Centre for Environmental Law, Monograph 1, ISBN 0-473-08646-8 pp19-46. **(Not in Readings)**

The Resource Management Act 1991 – Part II – plus section 32 and others.

Report on the Implementation of the Resource Management Act – Ministry for the Environment - details to be supplied.

Guerin, Kevin 2003, "Property Rights and Environmental Policy: A New Zealand Perspective". New Zealand Treasury Working Paper 03/02, March 2003 42p

[www.mfe.govt.nz](http://www.mfe.govt.nz)

**ENVIRONMENTAL POLICY IN THE INTERNATIONAL ARENA****35 & 36 Wed 11 October**

**Course assessments.**  
**International environmental policy development processes, dynamics & negotiations. International issues, policy making and law.**  
**The Antarctic Treaty System and negotiations; High Seas Fisheries.**

**Discussion of exam.**

**Reading:**

Barrett, Scott (1993) "International Cooperation for Environmental Protection". In Dorfman, Robert and Dorfman, Nancy (ed.) Economics of the Environment (3<sup>rd</sup> edn), W.W. Norton & Company, NY and London, 517 + x p; pp 445-463. Ch 26. ISBN 0393963101

Blackhurst, Richard and Subramanian, Arvind. (1992) "Promoting Multilateral Cooperation on the Environment". In Anderson, Kym and Blackhurst, Richard (eds.) (1992), The Greening of World Trade Issues, Harvester Wheatsheaf, NY pp 247-268. Chapt 12. ISBN 0745011748

Sands, Phillippe (1995) International law-Making and Regulation. In *Principles of International Environmental Law Vol: Frameworks, Standards and Implementation* pp 103-140 Manchester, Manchester UP. 773p ISBN 0719034833

Hansom, J D & John E Gordon (1998) "Background to the Antarctic Treaty" & "The Antarctic Treaty System: A developing Framework for Environmental Management", In *Antarctic Environments and Resources: A Geographical Perspective*, Longman, MY pp 184-196 & pp 267-293 ISBN 0582081270

**See also**

O'Riordan, (1995) "Managing the global commons" Environmental Science for Environmental Management, Longman, Harlow, Essex., 369p. ISBN 0470234075, 0582218896

Boer, Ben *ed* (1996) Environmental Law in the South Pacific, IUCN- The World conservation Union (& SPREP), Environmental Policy and Law

Kaye, Stuart (2004) "Implementing high seas biodiversity conservation: global geopolitical considerations", Marine Policy, 28, 221-226 ISSN 0308-597X

**< Final Exam – 3 hours – Date to be advised by Examinations,  
 16 October - 12 November >**