

國立臺灣大學國家發展研究所 100 學年度第 2 學期課程綱要

課程資訊					
課程名稱	(中) 氣候變遷與永續發展專題 (英) Seminar on Climate Change and Sustainable Development				
課程編號	341 U8960	班次		學分數	2
全/半年	半			必/選修	必選
授課教師	周桂田			開課系所	國家發展研究所
上課時間	星期二 78 節			修課人數	15
上課地點	國發 204			課程加選方式	1
課程網頁					
課程大綱					
課程目標	本課程將同時著重理論與全球永續發展的實質國際公約、進程批判，加以深入討論。這門課藉研究所同學小型的分組經驗研究，讓學生發掘、體會理論與生活經驗的銜接點，進而激發與建構其環境永續的想像。修課學生除研讀指定文獻外，透過小型分組的實際討論與報告，來簡證或深化相關概念。				
課程概述	全球生態與環境變遷，已成為當今人類面對的急迫問題，本課程將設計從對工業現代社會的批判與轉型，思考與討論全球永續發展(global sustainable development)的論述、政治與實踐之現實意義。 生態現代化與永續發展的論述，雖喊的震天嘎響，但從其形成成為全球共識到全球各國實際執行過程，皆有相對的全球政治或社會結構問題，因此，本課程除一方面介紹全球永續發展議題的實質內涵，另一方面重要的是將從環境問題的全球化擴張，討論其實踐的政治經濟問題，包括全球經濟、科技競爭的發展，是否僅僅將永續發展當為另類遊戲(alternative global game)的口號。				
關鍵字	全球化風險、氣候變遷、風險治理、風險溝通、風險評估、永續發展				
課程要求	每一組每週針對兩篇文章（巨觀與政策）進行（一）詳細的大綱，（二）簡要的報告（報告時間三十分鐘），（三）每週星期六 am10:00交到課程網站。 每位修課同學每週就政策面(energy law and environment)進行與台灣的相關制度、問題、資料比較，（一）該章內容reflection，（二）國際與台灣reflection，（三）每週星期一pm9:30傳到上課網站。				
Office Hours	星期三下午三點				
參考書目	Weale, Albert 1998 The Politics of Ecological Modernization, in: Dryzek, John S.				

& Schlosberg, David (ed.) *Debating the Earth – the environmental Politics Reader*, p. 301-318.

Patricia D. Park 2002 The relationship between energy, the environmental imperatives and scientific drivers, in *Energy Law and the Environment*. London: Taylor & Francis, p.1-9

Hajer, Maarten A. 1995 Ecological Modernization: Discourse and Institutional Change, in: *The Politics of Environmental Discourse – Ecological Modernization and the Policy Process*, p. 265-294.

Patricia D. Park 2002 Regulation, energy resources and the environment, in *Energy Law and the Environment*. London: Taylor & Francis, p.10-32

Dryzek, John S. 1997 Industrial Society and Beyond: Ecological Modernization, in: *The Politics of the Earth – Environmental Discourses*, Oxford University Press, p.137-152.

Patricia D. Park 2002 The regulatory bodies, in *Energy Law and the Environment*. London: Taylor & Francis, p.33-48

Lafferty, William M. 1998 The Politics of Sustainable Development: global norms for national implementation, in: Dryzek, John S. & Schlosberg, David (ed.) *Debating the Earth – the environmental Politics Reader*, p. 265-284.

Patricia D. Park 2002 The international dimension, in *Energy Law and the Environment*. London: Taylor & Francis, p.49-66

Sage, Colin 1994 Population, Consumption and Sustainable Development, in: Redclift & Colin (ed.) *Strategies for Sustainable Development*, John Wiley & Sons, 35-60.

Patricia D. Park 2002 European energy law and policy, in *Energy Law and the Environment*. London: Taylor & Francis, p.67-89

Shove, Elizabeth 1994 Sustaining Developments in Environmental Sociology, in: Redclift, Michal & Benton, Ted (ed.) *Social Theory and the Global Environment*, p.256-266.

Yearley, Steven 1996 Environmental Issues and the Compression of the Globe, in: *Sociology, Environment, Globalization – Reinventing the Globe*, Sage, p. 26-61.

Patricia D. Park 2002 Trade, competition and the environment, in *Energy Law and the Environment*. London: Taylor & Francis, p.90-99

Yearley, Steven 1996 How do the World's Environmental Problems come to be "Global"?, in: *Sociology, Environment, Globalization – Reinventing the Globe*, Sage, p. 62-99.

Patricia D. Park 2002 The regulation of the coal industry, in *Energy Law and the Environment*. London: Taylor & Francis, p.100-115

- Redclift, Michale 1994 Global resource problems, in: Development and the Environmental Crisis – Red or Green Alternatives?, p. 20-38.
- Yearley, Steven 1996 Universalizing discourses and globalization, in: Sociology, Environment, Globalization – Reinventing the Globe, Sage, p. 100-141 .
- Patricia D. Park 2002 Environmental protection and onshore oil and gas, in *Energy Law and the Environment*. London: Taylor & Francis, p.116-132
- 柳中明 1998 〈全球大氣變遷問題檢討與政策〉，歐陽喬暉/黃勉善著，新世紀的環境保護政策，台北： 厚生基金會，頁 3-38。
- Redclift, Michale 1994 Technology and the control of resources, in: Development and the Environmental Crisis – Red or Green Alternatives?, p.101-122.
- Patricia D. Park 2002 The exploration and exploitation of oil and gas in the marine environment, in *Energy Law and the Environment*. London: Taylor & Francis, p.133-151
- Wynne, Brian 1994 Scientific Knowledge and the Global Environment, in: edclift, Michal & Benton, Ted (ed.) Social Theory and the Global Environment, p.169-189.
- Patricia D. Park 2002 Nuclear energy and the environment, in *Energy Law and the Environment*. London: Taylor & Francis, p.152-172
- 楊致行 2000 〈台灣科技島之環境因應〉，歐陽喬暉，2000 年民間環保政策白皮書，頁 97-122。
- Redclift, Michale 1994 Sustainable Development: Economics and the Environment, in: Redclift & Colin (ed.) Strategies for Sustainable Development, John Wiley & Sons, p. 17-34.
- Patricia D. Park 2002 The electricity supply industry, in *Energy Law and the Environment*. London: Taylor & Francis, p.173-185
- 許志義 1998 〈台灣環境經濟問題之探討與展望〉，歐陽喬暉/黃勉善編著，新世紀的環境保護政策，台北： 厚生基金會，頁 81-102。
- Redclift, Michale 1994 Political economy and the Environment, in: Development and the Environmental Crisis – Red or Green Alternatives?, p.5-19.
- Patricia D. Park 2002 Sustainable energy and climate change, in *Energy Law and the Environment*. London: Taylor & Francis, p.186-202
- 顧 洋 1998 〈我國因應國際環境管理系統之現況及策略檢討〉，歐陽喬暉/黃勉善編著，新世紀的環境保護政策，台北： 厚生基金會，頁 103-124。
- Dryzek, John S. 1997 Environmentally benign Growth: Sustainable Development, in: The Politics of the Earth – Environmental Discourses, Oxford University Press, p.123-136.
- Redclift, Michale 1994 Environmentalism and Development, in: Development and the Environmental Crisis – Red or Green Alternatives?, p.39-49.

	Redclift, Michale 1994 Development and the Environment: a converging Discourse, in: Development and the Environmental Crisis – Red or Green Alternatives?, p.122-130. 呂理德 2000 〈20 世紀談灣環境變遷之經驗與回顧〉，歐陽喬暉，2000 年民間環保政策白皮書，頁 1-24。 李永展/廖億美 1998 〈在自決與自救之後……誰來為台灣環境療傷止痛〉，歐陽喬暉/黃勉善編著，新世紀的環境保護政策，台北：厚生基金會，頁 125-147。 蕭新煌 2000 〈「環境」與「成長」的辯證關係：台灣民眾環境意識的變化(1986-1999)〉，歐陽喬暉，2000 年民間環保政策白皮書，頁 123-154。			
評量方式	No.	項目	百分比(%)	說明
	1	期中報告	30	
	2	期末報告	50	
	3	課堂討論	20	
週次	單元主題			
第 1 週	課程簡介			
第 2 週	取代工業現代化 Ω Weale, Albert 1998 The Politics of Ecological Modernization, in: Dryzek, John S. & Schlosberg, David (ed.) Debating the Earth – the environmental Politics Reader, p. 301-318. Ω Dryzek, John S. 1997 Industrial Society and Beyond: Ecological Modernization, in: The Politics of the Earth – Environmental Discourses, Oxford University Press, p.137-152.			
第 3 週	生態現代化只做為環境政治論述遊戲？ Ω Hajer, Maarten A. 1995 Ecological Modernization: Discoiurse and Institutional Change, in: The Politics of Environmental Discourse – Ecological Modernization and the Policy Process, p. 265-294.			
第 4 週	氣候變遷與風險社會 Ω Bulkeley, H. (2001). Governing climate change: the politics of risk society. Royal Geographical Society, p.430-447.			
第 5 週	風險、責任與全球暖化 Chou, Kuei-tien. 2007. ‘Global climate change as globalizational risk society – glocalizational risk governance’. <i>Global Change and Sustainable Development</i>, 1(1), pp. 81-89. (January 2007) Ω Cerutti, Furio. (2009). Defining Risk, Motivating Responsibility and Rethinking Global Warming. <i>Sci Eng Ethics</i> 16, pp 489–499. Springer, Netherlands.			
第 6 週	脆弱性與氣候變遷 Ω Clark, Nigel. (2010). Volatile Worlds, Vulnerable Bodies Confronting Abrupt			

	Climate Change. <i>Theory, Culture & Society</i> Vol. 27(2–3), pp31–53. Sage, London.
第 7 週	演講：呂理德教授
第 8 週	期中考
第 9 週	Ω Roberts, J. Timmons and Parks, Bradley C.(2010).Ecologically Unequal Exchange, Ecological Debt, and Climate Justice. The History and Implications of Three Related Ideas for a New Social Movement. <i>International Journal of Comparative Sociology</i> 50(3–4),pp385-409.Sage, London.
第 10 週	超越工業社會 Ω Lafferty, William M. 1998 The Politics of Sustainable Development: global norms for national implementation, in: Dryzek, John S. & Schlosberg, David (ed.) <i>Debating the Earth – the environmental Politics Reader</i> , p. 265-284.
第 11 週	全球永續發展（一）：全球視野 Ω Shove, Elizabeth 1994 Sustaining Developments in Environmental Sociology, in: Redclift, Michal & Benton, Ted (ed.) <i>Social Theory and the Global Environment</i> , p.256-266. Ω Redclift, Michale 1994 Technology and the control of resources, in: <i>Development and the Environmental Crisis – Red or Green Alternatives?</i> , p.101-122.
第 12 週	環境危機與科技 Ω Turnheim, Bruno and Tezcan, Mehmet Y.(2010).Complex Governance to Cope with Global Environmental Risk: An Assessment of the United Nations Framework Convention on Climate Change. <i>Sci Eng Ethics</i> ,(16),pp517–533.Springer, Netherlands.
第 13 週	全球永續發展－政治經濟分析（一） Ω Chou & Liou (2011) Analysis on Energy Intensive Industries under Taiwan's Climate Change Policy, submission. Ω 石化政策環評報告書（工業局） Ω 能源政策環評報告書（能源局）
第 14 週	全球永續發展－政治經濟分析（二） Ω Barbara L. Allen. (2007), “Environmental justice and expert knowledge in the wake of disaster”, <i>Social Studies of Science</i> 37(1): p.103-110. Christopher R. Henke. (2007) “Situation Normal? Repairing a risky ecology”, <i>Social Studies of Science</i> 2007; 37(1): p.135-142.
第 15 週	演講：林子倫教授
第 16 週	各組報告與評論分析

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