



課 綱 Course Outline
自然資源與環境學系碩士班國際組

中文課程名稱 Course Name in Chinese	保護區與社區參與				
英文課程名稱 Course Name in English	Protected Areas and Community Participation				
科目代碼 Course Code	NRESM0380	班 別 Degree	碩士班 Master' s		
修別 Type	選修 Elective	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite					
課程目標 Course Objectives					
<p>According to the latest records in the World Database of Protected Areas, nearly 15% of the Earth's land and inland waters, and more than 7% of the global oceans are now protected. Biodiversity conservation in protected and conserved areas provides the basis for achieving the Sustainable Development Goals. In particular, ecosystem services in the world' s protected area are the foundation for addressing global issues for climate change; protecting water resources and food production systems; mitigating disaster risks; and maintaining the health, well-being and livelihoods of millions of people.</p> <p>Only when these systems are well connected and integrated into the wider landscapes and seascapes, if they are managed equitably and effectively, and they prevent the loss of biodiversity, progress is possible. One of the biggest opportunities is to identify and recognize “hidden conservation” outside of government action. Indigenous peoples and local communities, as well as private entities, are making important contributions and must be better researched with their consent and participation to ensure that decisions are based on the best available science and information.</p> <p>The course aims to develop knowledge and capacity for improved planning, management and governance of protected area sites and systems. Key elements of the course will include the concept of protected areas, protected areas and society, governing and managing protected areas, implementing protected area management, community-based management and evaluation.</p>					
系教育目標 Dept.' s Education Objectives					
1	培養兼具國際視野與本土關懷的學生 To develop students who care about local issues and have an international perspective.				
2	培養具備自然科學與社會科學知識的人才 To educate students to have knowledge of both the natural and social sciences.				

3	培養具備環境倫理與人文素養的環境公民 To teach students to be environmental citizens (i.e., knowledgeable about environmental ethics and human issues.).	
系專業能力 Basic Learning Outcomes		課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.'s Education Objectives
A	能覺知多元的自然科學與社會科學理論並具備研究能力 To have knowledge of natural and social science theories.	
B	具備自然資源與人類社會議題之調查分析、規劃與經營之能力 To be able to investigate, analyze, plan, and manage both natural resource and human social issues.	
C	具備將環境倫理與生態思想落實於永續性生活型態的能力 To implement sustainable lifestyles based on environmental ethics and ecological principles.	
D	能以整全式的觀點來解析環境問題，並具備發展系統性解決方案的能力 To resolve environmental issues and develop systematic solutions with a global perspective.	
E	具備系統分析、未來思考、溝通協調與團隊合作的能 The ability to analyze, plan, communicate, and coordinate with others (teamwork)	
F	具備終身學習、國際視野與外語溝通的能力 To instill the values of lifelong learning, an international perspective, and the ability to communicate in a foreign language.	
圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated		
課程大綱 Course Outline		
The concept of protected areas What is protected? Protected areas and society Governing and managing protected areas Implementing protected area management Community focused management Evaluation		
資源需求評估（師資專長之聘任、儀器設備的配合．．．等） Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)		
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods		
■ 課堂講授 Lecture ■ 分組討論 Group Discussion ■ 參觀實習 Field Trip		
其他 Miscellaneous		
課程成績評定之依據和標準 Grading Criteria ■ 期中報告 Midterm Report: 20% ■ 期末報告 Final Report: 30% ■ 作業成績 Homework and/or Assignments: 20%		

■出席率和參與討論Participation and attendance 30%

Reference Materials:

1. Worboys, G.L., Lockwood, M., Kothari, A., Feary, S. and Pulsford, I. (eds) (2015). Protected Area Governance and Management. ANU Press, Canberra, pp. 994.
2. UNEP-WCMC, IUCN and NGS (2018). Protected Planet Report 2018. UNEP-WCMC, IUCN and NGS: Cambridge UK; Gland, Switzerland; and Washington, D.C., USA, pp. 70.