

Taiwan Geographical Environment and Resources

Introduction to the Course

by Prof. Lan-Hung Nora Chiang
Department of Geography
National Taiwan University



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Introduction

The course is offered jointly by the *College of Science* and *the Department of Geography*

■ Objective

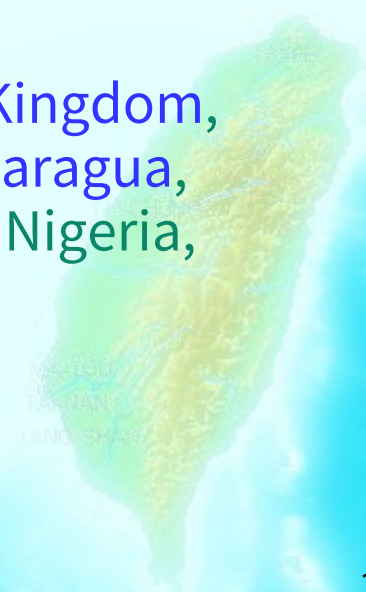
- Giving foreign students a good background in this wide range of disciplines
- Instilling a greater understanding of Taiwan to both Taiwan and International students.
- Enabling students to take advanced courses taught in Chinese, or partake in research in future.

■ Website in CEIBA

- https://ceiba.ntu.edu.tw/971exploring_taiwan
- Course materials offered by instructors

Introduction (contd.)

- ✘ From 2007-2009, altogether 137 students from 35 nationalities have enrolled in the NTU course entitled “Exploring Taiwan” during the three years that the course has been offered at NTU.
- ✘ Students have enrolled in the course, to date, from the following countries of origin :
- ✘ Taiwan, South Korea, Japan, Singapore, Malaysia, the Philippines, Thailand, India, Iraq, Jordan, Turkey, Macedonia, Poland, Austria, the Czech Republic, the Netherlands, Belgium, Germany, France, the United Kingdom, Canada, U.S.A, Costa Rica, Honduras, Guatemala, Nicaragua, Saint Lucia, Paraguay, Chile, Sao Tome and Principe, Nigeria, Australia, Papua New Guinea, and Solomon Islands.



Course Outline 2009

Week	Instructors	Lecture Topics
1	Dr. Lan-Hung Chiang (姜蘭虹)	Introduction to the Course
2	Dr. Kuo-Yen Wei (魏國彥)	Past Climate Changes
3	Dr. Hao-Tsu Chu (朱儷祖)	Physical Geology of Taiwan
4	Dr. Lan-Hung Chiang (姜蘭虹)	Population in Taiwan
5	Dr. Sue-Ching Jou (周素卿)	Urban and Regional Systems
6	Dr. Jiun-Chuan Lin (林俊全)	Physical Geography of Taiwan
7	Dr. Jack Williams	Taiwan's Environmental Struggle
8	Dr. J. C. Shiao (蕭仁傑)	Marine Ecosystem (I): Coastal Ecosystems

Course Outline 2009 (contd.)

Week	Instructors	Lecture Topics
9	Dr. Chi-Hao Hsieh (謝志豪)	Marine Ecosystem (II): Pelagic Ecosystems
10	Dr. Lien-Siang Chou (周蓮香)	The History of Cetacean Conservation in Taiwan
11	Dr. I-I Lin (林依依)	Field Trip to CWB
12	Dr. I-I Lin (林依依)	Satellites and Typhoons
13	Dr. Ho-Chia Chueh (闕河嘉)	Contemporary Indigenous Society
14	Dr. Lan-Hung Chiang (姜蘭虹)	Two Decades of Taiwanese Immigration to Australia & Canada
15	Dr. Ju Chou (周儒)	Environment Learning Can be Fun and Meaningful

Prof. Lan-Hung Nora Chiang 姜蘭虹

老師

- ☒ Dept. of Geography, NTU/ 臺灣大學 地理環境資源學系教授
- ☒ 美國夏威夷大學 地理學博士

☒ Research Interests/ 研究領域

- Taiwanese-Chinese Diaspora
- Feminist Geography
- Tourism Geography
- Regional Development in China

☒ 授課內容

運用許多豐富而有趣的資料，講授台灣的移民社會與人口地理學
以幽默風趣的口吻，帶領學生探討台灣的人口與性別議題



NTU, Lan-Hung
Nora Chiang

Prof. Kuo-Yen Wei 魏國彥老師

Dept. of Geosciences, National Taiwan University
美國美國羅德島大學 海洋學博士

☒ Research Interests/ 研究領域

- ☐ Paleo-oceanography
- ☐ Micropaleontology
- ☐ 海洋鈣質微體古生物學
- ☐ 第三紀生物地層學、古海洋學

☒ 授課內容

- ☐ 運用大量圖片講授台灣過去的氣候變遷與地質活動
- ☐ 以課堂討論與課後作業的形式訓練學生的思考能力
- ☐ 96 學年度全國傑出通識教育教師獎



Prof. Hao-Tsu Chu 朱儷祖老師

Central Geological Survey, MOEA 經濟部 中央地質調查所
法國巴黎大學 地體構造學博士

Research Interests/ 研究領域

- Fault outcrops and fault slip studies
- Transpression structure in northern Taiwan
- 台灣活動斷層研究及地震地質研究
- 台灣高山地區第四紀末期冰河地形演化



☒ 授課內容

- 運用大量圖片及資料佐證以深入淺出的方式教授台灣的地質構造與地質活動
- 以頗富巧思的課後作業驗收學生的學習成果提供相關雜誌文章與網站連結，協助學生報告資料蒐集

Prof. Sue-Ching Jou 周素卿 老師

Dept. of Geography, NTU 臺灣大學 地理環境資源學系教授
美國明尼蘇達大學 地理學博士

Research Interests/ 研究領域

- Urban Studies, Housing Studies
- Cross-border Investment
- 都市治理、大型開發計畫
- 跨界投資、東亞全球城市之企業地景



NTU, Sue-Ching Jou

☒ 授課內容

- ☐ 臺灣的都市化過程與都市系統發展
- ☐ 臺灣的經濟發展與交通網絡，及其與都市發展的關係
- ☐ 臺灣的大型都會帶之分布現況與未來發展

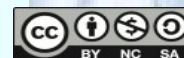
Prof. Jiun-Chuan Lin 林俊全

老師

Dept. of Geography, NTU 臺灣大學地理環境資源學系教授
英國倫敦大學 地理學博士

Research Interests/ 研究領域

- Geomorphology, Hillslope Processes
- Natural Hazards in Taiwan
- 邊坡沖蝕、集水區沖蝕研究
- 環境監測、地景保育、地形學與地形調查



NTU, Jiun-Chuan Lin

☒ 授課內容

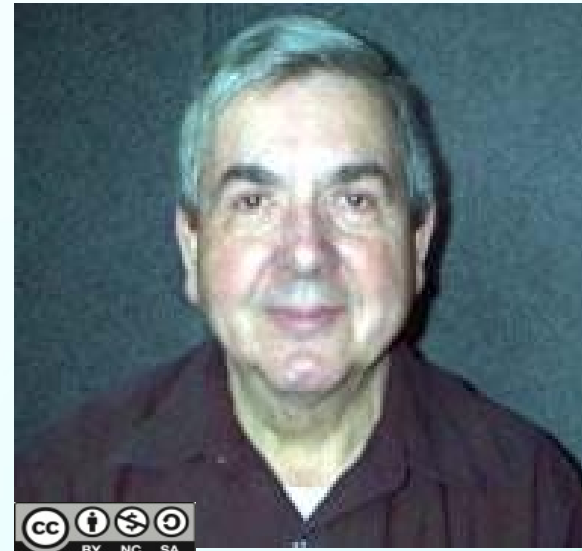
- ☐ 臺灣的天然災害與地景變遷
- ☐ 臺灣的獨特地形景觀與地景保育
- ☐ 參觀野柳國家風景區，帶領同學進行野外地形判讀

Prof. Jack Williams

Professor Emeritus of Geography, Michigan State University

Research Interests

- China/Taiwan
- Japan and East Asia
- Economic Development
- Land use issues



Michigan State University
Jack Williams



Dr. J. C. Shiao 蕭仁傑老師

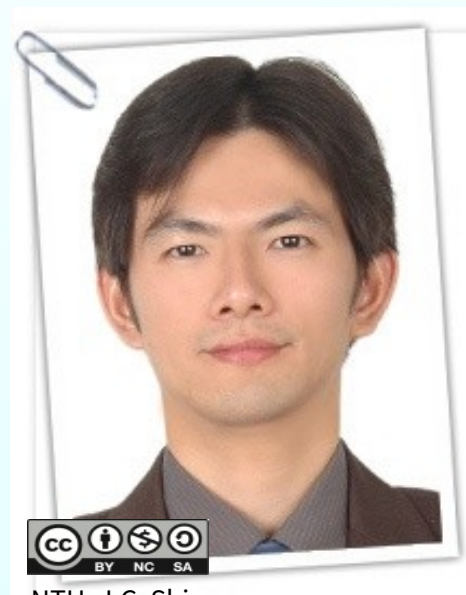
Graduate Institute of Oceanography, NTU 臺灣大學 海洋研究所
台灣大學動物學研究所博士

Research Interests/ 研究領域

- 海洋生物學、魚類生理生態學
- 耳石定齡與化學分析
- 耳石形成機制之探討
- 魚類洄游生活史之研究

授課內容

- Introduction to marine biodiversity
- Marine biodiversity of Taiwan: pattern of sand examples
- Utilization of marine resources



NTU, J.C. Shiao

Dr. Chi-Hao Hsieh 謝志豪老師

Graduate Institute of Oceanography, NTU 臺灣大學 海洋研究所

加州大學 聖地牙哥海洋研究所博士

Research Interests/ 研究領域

- 生物海洋學、群聚生態學
- 浮游動物生態學、動態系統理論
- Marine Ecology, Biological Oceanography
- Computer Intensive Statistics in Ecology

授課內容

- 遠洋生態系概述
- 台灣的水產養殖漁業
- 氣候變遷與漁業對魚類族群的影響



NTU, Chi-Hao Hsieh

Dr. Lien-Siang Chou 周蓮香老師

Institute of Ecology and Evolutionary Biology, NTU 臺灣大學
生態學與演化生物學研究所教授

美國加州大學戴維斯分校生態學博士

Research Interests/ 研究領域

- 動物行為學、演化生物學
- 鯨類生態與保育
- The History of Cetacean Conservation in Taiwan



NTU, Lien-Siang Chou

授課內容

- 臺灣的鯨豚研究與鯨豚保育活動
- 台灣賞鯨觀光活動的發展與挑戰
- 如何解救擱淺的鯨豚 -- 救援實地演練



Dr. I-I Lin 林依依老師

Dept. of Atmospheric Sciences, NTU 臺灣大學大氣科學系
英國劍橋大學 地球科學及地理學博士

Research Interests/ 研究領域

- 大氣海洋遙測、水色遙測、極地遙測
- Atmosphere remote sensing, Ocean remote sensing
- Typhoon-ocean interaction, Dust-storm ocean interaction



授課內容

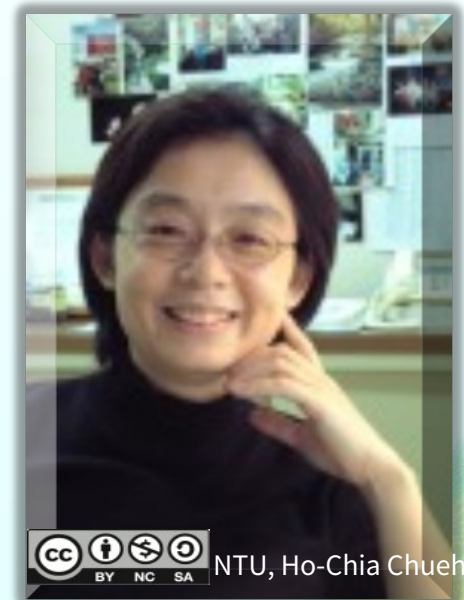
- 衛星與颱風 -- 引領學生進入衛星遙測的世界，並介紹台灣地區之災變天氣與研究
- 參訪中央氣象局

Dr. Ho-Chia Chueh 闕河嘉老 師

Dept. of Bio-Industry Communication and Development 臺灣
大學 生物產業傳播暨發展學系
紐西蘭奧克蘭大學教育博士

Research Interests/ 研究領域

- 文化差異與原住民教育
- 後結構主義與教育研究
- Post-structuralism
- Culture and education sociology



授課內容

- 以渾厚悠揚的布農族八部合音，帶領學生進入台灣原住民的音樂世界。
- 以饒有趣味的課堂氛圍，讓學生對臺灣獨特的原住民文化留下深刻的印象。

Dr. Ju Chou 周儒老 師

Graduate Institute of Environment Education, NTNU 臺灣師範
大學環境教育研究所教授
美國俄亥俄州州立大學 環境教育博士

Research Interests/ 研究領域

- 環境解說、環境教育政策
- 都市環境教育、環境教育方案評量
- Environmental volunteerism in Taiwan
- Environmental education and environmental learning center



NTNU, Ju Chou

授課內容

To form your own significant life experiences: Environmental learning can be fun and meaningful

Grading Policy

- Grading will be based on attendance, two fieldtrips, 5 class assignments, and participation in lectures **(50%)**
- A term paper which will be orally presented in English to the class **(50%)**.

Student Presentation (2007 Examples)

- ✓ **Group 1:** Volcano and Associated Geographical Scenes of Taiwan
- ✓ **Group 2:** Taroko National Park
- ✓ **Group 3:** The Geology and Anthropogeography of Hualien
- ✓ **Group 4:** Coastal Landscapes Focus: Yehliu
- ✓ **Group 5:** Aboriginal People of Taiwan
- ✓ **Group 6:** Watch out! The Spring is Hot!
- ✓ **Group 7:** Traveling in Taiwan: with Predecessors
- ✓ **Group 8:** National Parks and Nature Reserves in Yangmingshan
- ✓ **Group 9:** The Influence of Past Climate Changes in Taiwan
- ✓ **Group 10:** Garbage and Recycling System

Student Presentation (2008 Examples)

- ✓ **Group 1:** Food Specialties and Habits in Taiwan
- ✓ **Group 2:** MRT System in Taiwan
- ✓ **Group 3:** The Agriculture in Taiwan
- ✓ **Group 4:** Night Market Culture in Taiwan
- ✓ **Group 5:** Strategies to Attract Foreign Tourists to Taiwan
- ✓ **Group 6:** Travel Guide through the Perspectives of Top Tens
- ✓ **Group 7:** Tea Culture in Taiwan
- ✓ **Group 8:** An Overview Investigation of the Environmental Awareness, Practices, and Legislation in Taiwan



2006 Student Comments (97-1)

- ☒ GOOD CLASS!!! NTU should have more similar English taught lectures for foreign students!! It not only helps us to gain a better understanding of Taiwan, but also gives us the opportunity to work with students from all over the world.
- ☒ Hard working TA's!!! GOOD JOB!
- ☒ Thank you for offering this course; this course was great!...But sometimes it was too boring. I recommend to have some new ideas to attract more student's attention.

Student evaluation: 4.35 (97-1)










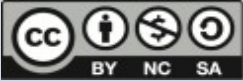


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		NTU, Kuo-Yen Wei
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		NTU, Sue-Ching Jou
		NTU, Jiun-Chuan Lin
		Michigan State University, Jack Williams
		NTU, J.C. Shiao
		NTU, Chi-Hao Hsieh

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