

TAERE 2022 Summer School
台灣環境與資源經濟學會2022暑期課程

Climate Change and Natural Carbon Storage
氣候變遷與自然碳匯

線上課程

7/20 Wed.
09:00-17:30



美國猶他州立大學
Utah State University

Prof. Man-Keun Kim

碳吸存與碳交易理論與分析

Carbon sequestration and its trading in the U.S.



美國猶他州立大學
Utah State University

Prof. Simon S.-Y. Wang

氣候變遷與極端氣候之理論與實證

You can't deal with climate change if you don't
know what caused it and what it can cause

主辦單位 |



台灣環境與資源經濟學會
Taiwan Association of Environmental and Resource Economics



國立陽明交通大學
經營管理研究所

時間 (Taipei Time)	議程(Program)
08:30~08:50	報到 Registration
08:50~09:00	開幕致詞 Opening Remarks 胡均立 理事長 台灣環境與資源經濟學會理事長、國立陽明交通大學經營管理研究所教授 Jin-Li Hu, President, Taiwan Association of Environmental and Resource Economics Professor, Institute of Business and Management, National Yang Ming Chiao Tung University
09:00~10:30	主持人/ Session Chair: 黃宗煌教授 國立清華大學經濟系退休教授 Professor Chung-Huang Huang, National Tsing Hua University, Taiwan
10:30~11:00 Break time 休息	講師/ Instructors: Professor Man-Keun Kim, Utah State University, U.S.A. Carbon sequestration and its trading in the U.S.
11:00~12:30	<ul style="list-style-type: none"> • Climate change (brief background) • Recent US climate policies • Cap-and-trade – how tradable permit market works • Role of agriculture and forestry in reducing carbon emissions • Economic potential of carbon sequestration • Carbon sequestration and its trading with examples • Carbon offset discounting (additionality, permanence, leakage, and uncertainty) in trading • Imperfect /inefficient carbon market
12:30~14:00	Lunch Break
14:00~15:30	主持人/ Session Chair: 李堅明教授 台北大學自然資源與環境管理研究所 Professor Chien-Ming Lee, National Taipei University, Taiwan
15:30~16:00 Break time 休息	講師/ Instructors: Professor Simon S.-Y. Wang, Utah State University, U.S.A You can't deal with climate change if you don't know what caused it and what it can cause
16:00~17:30	<ul style="list-style-type: none"> • Basic of the basics – how does the Earth's climate work? • Warming – natural and the unnatural ways • Extremes – why are they dangerous? • A not-so-intuitive consequence of wicked weather due to global warming • Good adaptation begins with a good forecast, but how? • Building tools to cope
17:30	Farewell