

目錄/ Table of Contents

- 4/5 工作坊成立緣起/
Introduction of the Workshop
- 6/8 國際水田地景多樣性經營工作坊議程/
International Workshop on the Management
of Paddy-Field Landscape Diversity in 2017
- 10/11 議事規則/
Rule of Procedure
- 12 與會貴賓履歷/ Curriculum Vitae of Invitee
- 187 重要參考文獻/ References
- 191 工作坊手冊學員名單 / Name List

議題一：注重人與自然和諧共存的生態農業精神下，如何在人口增加都市化造成的破碎化農業地景下，維護糧食安全及生物多樣性之永續發展？

Session 1: How to Maintain Food Safety and Biodiversity under Agroecological Principles and in a Fragmented Agricultural Landscape due to Growing Population and Urbanization?

- 44 → Landscape Changes in Rural Japan since 1940s and Their Ecological and Visual Implications
- 84 → 地景指數於農業景觀型態及生物棲地優化 - 以國立台灣大學山地農場為例
Using Landscape Metrics to Optimize Agricultural Landscapes and Biological Habitats: A Case Study of Highland Experimental Farm at National Taiwan University
- 106 → 生態系統服務與農地破碎化
Ecosystem Services and Agricultural Land Fragmentation
- 128 → 本場試驗研究規劃
Study on Biodiversity in Paddy Field Landscape Fragmentation
- 136 → 分組討論 Group Discussions

議題二：不同地景尺度下不同操作模式是否影響水稻田之生產與生態？

Session 2: Effects of Different Landscape Methods used at Different Landscape Scales on Paddies

- 137 → Ecosystem Services in Rice Landscape: Measurement, Determinants and Optimization
- 159 → 友善生態農事操作經驗分享 - 以苗栗通宵田鰲田為例
Ecological Farming on Lethocerus Farmland in Tongxiao Township in Miaoli
- 172 → Study on Biodiversity between Conventional and Organic Paddy and Beneficial Insect Habitat Manipulation
- 186 → 分組討論 Group Discussions