

My research interests mainly focus on human-environment interactions and sustainability issues in various types of environments, particularly in small islands, Indigenous communities, and coastal sea areas. The aspects of research include, environmental history, bio-cultural diversity, social-ecological systems, historical political ecology, sustainability science, resilience theory, nature-society co-evolution, and local & Indigenous knowledge systems. The applications of these understandings have/ will be applied to environmental literacy, community capacity building, Indigenous knowledge-based science education, resilience and sustainability indicators, and relevant policies.

Techniques used in study

Qualitative research, historical archives analysis, semi-structured questionnaire, participatory observation, field survey, public participation in knowledge co-production and co-delivery.

Huei-Min Tsai, Professor

Graduate Institute of Environmental Education

hmtsai@ntnu.edu.tw

Background:

Ph.D. in Geography, National Taiwan University
Post Graduate in Museum Studies, New York University, New York, NY, U.S.A.

M.Sc. in Natural Resources, Ohio State Univ., Columbus, OH, U.S.A.

B.Sc. in Biology, National Taiwan Normal Univ.

Funding: Ministry of Science and Technology



Political
Geography

Available online at www.sciencedirect.com

ScienceDirect

Contested enclave metageographies: The offshore islands of Taiwan

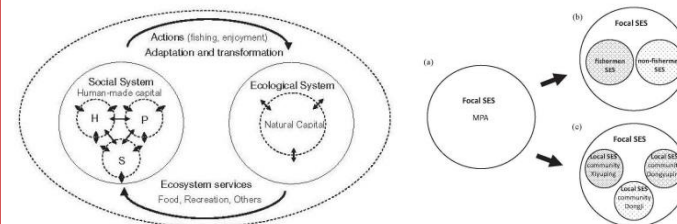


Fig. 2 Conceptual diagram of the capital-based framework for assessing social ecological dynamics. There are interactions

A nested social-ecological system(SES),
Penghu Archipelago



Publications

- Tsai, Huei-Min. Indigenous Knowledge and Climate Change Adaptive Management - A case study on Orchid Island, Taiwan. The 2nd World Congress on Climate Change, Berlin, Germany, 2019, 26 – 28/Sept.
- Wu, Chia-Chi and Huei-Min Tsai*. Capacity Building for Tourism Development in a Nested Social-Ecological System - A Case Study of the South Penghu Archipelago Marine National Park, Taiwan. *Ocean & Coastal Management*, 2016, 123: 66-73.
- Tsai, Huei-Min and Bo-Wei Chiang. Enclosing Resources on the Islands of Kinmen and Xiamen: from War Blockade to Financializing Natural Resources. *Journal of Marine and Island Cultures*. 2014, 3 (2) 69-77
- Baldacchino, Godfrey and Huei-Min Tsai* Contested enclave metageographies: The Offshore Islands of Taiwan, *Political Geography*, 2014, 40:13-24

