

Pei-Shan Sonia Lin, PhD

Assistant Professor

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RESEARCH INTERESTS

Social dimensions of global environmental change; Hazards studies (resilience science, adaptation and sustainability); Political ecology; Natural resource social science and indigenous studies.

EDUCATION

1. Ph.D., 2013, Geography (specialize in resource management), National Taiwan University
Dissertation: Re-explore Human-environment relations from social network Perspective on natural resource management in indigenous areas: A Case study of local river conservation project and the promotion of Meqmegi natural and cultural eco-landscape area, Taiwan.
2. B. S., 2008, Geography (minor in business administration), National Taiwan University
Thesis: Under the sky of Maokong gondola: Local residents' perception of tourism impacts. Graduation with Presidential award. GPA 3.92

RELEVANT EXPERIENCES

1. Assistant Professor at Central Police University, Taiwan, Jan. 2015 – pre.
2. Postdoctoral fellow at National University of Singapore (NUS), Singapore, Mar. 2014 – Dec. 2014
Conduct research project 'Community-based natural resource management and climate change adaptation on the Andaman Coast of Thailand: Mangrove restoration, island resilience and livelihood'
3. Assistant researcher at Taiwan Typhoon and Flood Research Institute, Narlabs, Taiwan, Aug. 2013 – Feb. 2014
4. Research Assistant at National Park Association in Taiwan, Taiwan, Aug. 2010 – Mar. 2011
5. Research Assistant at Environmental Resource Management Lab, Dept. of Geography, NTU, Taiwan, August 2009 – December 2011
6. Teaching Assistant at Department of Geography, NTU, Taiwan, September 2008 – February 2012

7. Project system engineer and administrative executive at Chun-hsuan Geographic Information System Consulting Ltd., Taiwan, August 2008 – December 2008
Delegated to the Construction and Planning Agency Ministry of the Interior- National Parks Division for the National parks biodiversity geographic information system Project.

SCHOLARSHIPS AND AWARDS

1. Fellowship for Postdoctoral Research Abroad Program, Ministry of Science and Technology, Taiwan (2014)
2. Dissertator fellowship for Global Change and Sustainability Science Research”, Center for Global Change and Sustainability Science, Taiwan (2013)
3. Full funding for participation in the Weaving Indigenous and Sustainability Sciences: Diversifying our Methods Workshop, National Science Foundation, USA (2013)
4. Scholarship for Graduate Students Study Abroad Program, NSC, Taiwan (2012)
5. Funding for participate in international conference, NSC, Taiwan (2010, 2011, 2013)
6. Funding for participate in international conference, Ministry of Education, Taiwan (2010)
7. Dean’s list (Presidential award), National Taiwan University (NTU), Taiwan (2004-2008)

PROFESSIONAL AFFILIATIONS & ACADEMIS SERVICES

1. Professional Affiliations:

Association of American Geographers (AAG)

Association for East Asian Environmental History (AEAH)

2. Academic Journal:

Asia Pacific Viewpoint: Reviewer

Journal of Global Resources: Editorial Board

PUBLICATIONS AND PRESENTATIONS

1. Dissertation:

Lin, P. S. (2013) Re-explore Human-environment relations from social network Perspective on natural resource management in indigenous areas: A Case study of local river conservation project and the promotion of Meqmegi natural and cultural eco-landscape area, Taiwan, Dept. of Geography, National Taiwan University.

2. Journal papers:

(1) Lin, P. S.* and Liu, Y. L., (forthcoming) Niching sustainability in an indigenous community: Protected areas, autonomous initiatives, and negotiating power in natural resource management, *Sustainability Science*.

(2) Lin, P. S.* and Chang, C. Y. (2011) Toward sustainable community-based natural resource management in the indigenous Meqmegi community in Taiwan: Rethinking impacts of local participation, *Natural Resource Forum-A United Nations Sustainable Development Journal*, 35: 134-144.

- (3) Lin, P. S.* and Chang, C. Y. (2009) Tourism impacts of gondola lift: A case study of residents' perception in Maokong area, Wenshan district, Taipei city, *Bulletin of the Geographical Society of China in Taiwan*, 43: 33-48.

3. Book chapter and report section:

- (1) Lin P. S. (forthcoming) Ecosystem's role in empowering communities to face global environmental change: Community-based ecological mangrove restoration in Thailand, In: Daniels, J. A. ed. *Advances in Environmental Research*, Nova Science Publishers, USA.
- (2) Lin, P. S. (2014) Bridging indigenous and sustainability sciences together for sustaining resilient landscapes and livelihood in rapidly changing social-ecological systems, In: Johnson, J. T. ed. *Weaving Indigenous and Sustainability Sciences: Diversifying our Methods*, National Science Foundation, USA.
- (3) Hsu, H. C. and Lin, P. S.* (2013) Building the vulnerable island toward a sustainable Formosa: Adaptation strategies for climate change in Taiwan, pp.19-28, In: Sheikh, M. M. ed., *Biodiversity and environmental issues*, LAP Lambert Academic publishing, Germany.

4. Conference presentations

- (1) Lin, P. S. and Chang, C. Y. (2013) How social relation works in shaping the environment: A pilot study of the co-evolution of social networks and natural resource management in indigenous community, *The Second Conference of East Asian Environmental History*, Hualien, Taiwan, 10/24-26.
- (2) Lin, P. S. (2013) Exploring social relations in the planning process of local protected area in indigenous community: A social network perspective on conservation, *International Geographical Union Regional Conference*, Kyoto, Japan, 8/4-9.
- (3) Lin, P. S. (2011) From landslide to Meqmegi natural-cultural eco-area: Conservation and sustainability in indigenous area, *The 12th Conference of Cross-strait Morphology and Environmental Hazard*, Taipei, Taiwan, 10/16.
- (4) Lin, P. S. and Chang, C. Y. (2011) Toward sustainable community-based natural resource management in Taiwan: Rethinking impacts of local participation, *Association of American Geographers Annual Meeting*, Seattle, USA, 04/12-16.
- (5) Lin, P. S. and Chang, C. Y. (2010) Local participation in natural resource management – the case of the indigenous Meqmegi community, Taiwan, *International Geographical Union Regional Conference Tel Aviv*, Israel, 07/12-16.
- (6) Lin, P. S. and Chang, C. Y. (2009) Tourism impacts of gondola lift: A case study of residents' perception in Maokong area, Wenshan district, Taipei city, *The Geographical Society of China located in Taiwan Annual Meeting*, Taipei, Taiwan, 04/26.

5. Invited talks

- (1) Lin, P. S. (2015) Global environmental change and cross-scalar disaster management politics: Island resilience and community-based resource management on the Andaman coast of Thailand, *The 6th Disaster Management Forum*, Central Police University, Taoyuan, Taiwan, 02/26.
- (2) Lin, P. S. (2015) Disaster management in Singapore, *The 6th Disaster Management Forum*, Central Police University, Taoyuan, Taiwan, 02/26.

- (3) Lin, P. S. (2014) Inter-empowerment from global environmental change and cross-scalar natural resource politics: Community mangrove governance and island resilience, Mangrove lab monthly meeting, National University of Singapore, Singapore, 11/26.
- (4) Lin, P. S. (2014) Climate change adaptation and community-based natural resource management on the Andaman Coast of Thailand: Mangrove restoration, island resilience and livelihood, Department of Geography Seminar, National University of Singapore, Singapore, 11/7.
- (5) Lin, P. S. (2012) Re-exploring human-environment relations from the lens of social network in natural resource management: Case Study of an indigenous community in Taiwan, Graduate students' seminar on Development and Environment in Southeast Asia, Dept. of Geography, University of Wisconsin-Madison, USA, 9/25.

COURSES TAUGHT

2015 spring

Construction and urban Disaster Management

Spatial data analysis

Disaster Decision Support System