

Cities Under Climate Change- Coherence, Innovation, and Urbanity-Exploring the Human-Habitat Dimension Toward the Adaptive Capacity

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The approach for resilient adaptive capacity requires a rigorous and comprehensive understanding of available practice toward mitigation and sustainability under flood risk in urban centers. We ascertain that this calls for swift restorative actions to amend the ecology damages with the incorporation of 'resilience' elements as available methods of environmentally sensitive, innovative practices. The theoretical framework includes criteria pertaining to sustainability, resilience and adaptive practice. The semi-structured interview documented 15 respondents from the Peitou Plateau in Taipei and focused on their experience and resilience thinking under climate change, affecting their personal engagement with climate change. The flood resilience thinking corresponds to a place specific model to sustain its social resilience and helps to inform on how to best share about mitigating climate change.

Given this, the resilience capacity stems from the local adaptive learning. In addition, the study ascertained that in the face of climate risks, the deconstructed criteria are based on (1) adaptive measures is aided and enhanced by visualization model, since what we have seen is what we gather in perception forming; (2) information gathered for risk impact assessment differ among the residents; (3) adaptive capacity could be raised by effective mitigation tool and (4) community ability to reflect on past actual time scenario emerges as an effective mean in the capacity to mitigate flood risks. Resilience practice is a place-based capacity; in times of climate change, local governments need to understand how to adapt locally and being feasible for an amelioration of our urban condition under climate risks. Most importantly, the assessment framework contributes to understand local adaptation practice and toward the sustainability of the urbanity.

Keywords: Coherence; Urbanity; Adaptive Capacity; Assessment Framework; Resilience Build-up; Peitou Plateau.

