



# SPONSORED PROJECT

The School of Environment, Resources and Development (SERD)



1. Project name	<b>Comparative Risk Assessment of Hydrological Hazards and Adaptation Policy in Jiulong River and Chao Phraya River Basin (RB3)</b>
2. AIT Lead Faculty	Prof. Vilas Nitivattananon
3. Short Descriptions	The project will design an adaptive management policy for hydrological hazard risks in the Jiulong River and Chao Phraya river basins. Recognize future precipitation trends to identify key exposures and vulnerabilities of social, natural, and built systems – integrated risk; identify pre- and post-disaster mitigation and adaptation strategies, pathways, and measures on spatial scales; and assess flood impacts on water sources, water supply systems, and reservoirs to propose appropriate adaptation strategies.
4. Output/Social Impact	
5. Partners	Kasetsart University, Institute of Urban Environment, China; CSIRO
6. Donors	NRCT
7. Project Duration	1 Oct. 2020 - 31 Jan. 2022
8. Total grant amount	THB 1,775,000
9. SDG	6, 9, 13