

Awarded Projects for the China-Singapore Joint Call for Proposals on "Climate Resilience & Adaptation" 2025

S/N	Project Title	Singapore-Based Principal Investigators (PIs)	Singapore Host Institution	Partner Institution
1	Climate resilience and adaptation of coastal dumpsites and landfills in East and Southeast Asia	Assoc Prof Fei Xunchang	NTU	-
2	AI guided discovery of main-chain cationic polymers for infection mitigation	Dr Li Jianguo	A*STAR	-
3	Climate-Driven Phytoplankton Shifts and Harmful Algal Bloom Dynamics in Coastal Ecosystems	Dr Leong Chee Yew Sandric	NUS	-
4	Upcycling of Waste Polyolefin into Sustainable Aviation Fuel by Single-Atom Catalytic Breakage of C–C Bonds	Prof Chen Xiaodong	NTU	A*STAR
5	Multi-parameter distributed fiber sensing for coastal protection	Dr Dora Hu Juan Juan	A*STAR	-
6	Integrating Urban Growth Modeling and Nature-based Solutions to Enhance Future Urban Climate Resilience	Asst Prof Perrine Hamel	NTU	-