



SPONSORED PROJECT

The School of Environment, Resources and Development (SERD)



1. Project name	GCRF Living Deltas
2. AIT Lead Faculty	Dr. Indrajit Pal
3. Short Descriptions	<p>The Living Deltas Research Hub is the world's leading delta science and research collaboration, with operations in four delta systems: the Red River and Mekong deltas in Vietnam, as well as the Ganges-Brahmaputra-Meghna system in Bangladesh and India. This project aims to address the issue of delta degradation in the face of multiple threats (sea level rise and saline intrusion, mangrove degradation and loss of coastal buffering, climate change, population growth, land use changes, saline intrusion and community health and well-being, unsustainable engineering interventions such as damming, sand mining, and so on). The GCRF also aspires to assist delta nations in better achieving their Voluntary National Review objectives for the UN Sustainable Development Goals (SDGs). Frankly, the multifaceted aspect of the hub has assembled the natural and physical sciences, social sciences, arts and humanities on an equal footing to explore creative solutions to complicated and interrelated issues through facilitative and iterative collaborations toward improved delta futures.</p>
4. Output/Social Impact	<ul style="list-style-type: none">• Integrated Risk and Resilience Assessment Framework for Delta SES based on Indexes• A thorough valuation of delta lifestyles and coping mechanisms• Delta Health Index (DHI) as a measurement tool to estimate the delta health• Foundation of Coastal system health baseline.• Elaborated document on gender sensitive guiding for the communities to track poverty, nutrition and health.• Formation of the participatory groups to scrutinize the policy choices of delta-SDG multi-stakeholder• Building capability for long-term development and making an effect (including managing the theory of change)• Co-development of essential plans and strategies for sustainable delta management based on local and primitive knowledge.
5. Partners	Newcastle University, UK
6. Donors	UK Research and Innovation (UKRI)
7. Project Duration	1 Sept 2019 – 31 March 2024
8. Total grant amount	THB 21 ,500,000
9. SDG	1, 3, 5, 6, 8, 11, 13, 15, 17