

**Countryside Conservation Funding Scheme**  
**Research Activities on Countryside Conservation and Revitalisation**

<b>Project Number</b>	<b>EEB(EB) 27/24/11-48</b>
<b>Project Proponent</b>	<b>The Chinese University of Hong Kong</b>
<b>Project Title</b>	<b>Application Research on Augmented Models and Smart Experiential Engagement in Ecological Conservation of Yim Tin Tsai, Sai Kung</b>
<b>Target Site</b>	<b>Yim Tin Tsai</b>
<b>Project Brief *</b>	<p>This project aims to utilise augmented modeling technology to showcase and highlight the diverse day and night floral and faunal species found on Yim Tin Tsai (YTT) Island. By employing innovative and advanced digital tools, we will create interactive visual representations of the island's ecological richness, emphasising the importance of integrating technological innovation into nature conservation.</p> <p>The project involves conducting comprehensive ecological surveys and research to identify and document the various species inhabiting YTT during both day and night. These findings will be transformed into a captivating and immersive augmented reality experience. Using Augmented Reality (AR) applications, community members and the public will have the opportunity to engage in interactive experiences that foster a deeper understanding and appreciation, as well as a sense of stewardship and responsibility for the island's unique biodiversity, including the day-and-night land and coastal species and their habitats.</p> <p>The project includes smart experiential engagement activities, such as AR-based guided tours, workshops, and educational activities to involve the local community and raise awareness about the importance of nature conservation. By integrating technology with community involvement, this project aims to promote sustainable practices and encourage active participation in the preservation of YTT's natural heritage.</p>
<b>Project Duration</b>	<b>1 September 2024 to 31 August 2027</b>
<b>Grant Approved</b>	<b>\$3,000,000</b>

\*The project description is provided by the project proponent