**Virtual Field Trip Platform for Online Teaching-Learning Enhancement: Yim Tin Tsai Island as a Site of Tourism Education**

Prof. Johnson Chung Shing Chan  
Department of Geography and Resource Management  
The Chinese University of Hong Kong

**Background**  
- The COVID-19 pandemic has caused suspension of in-class lecturing and outdoor field trips. This issue largely affects the teaching-learning process of many tourism-related courses, which require field experience to enhance learning and development of students. To cope with such need for off-site field investigation, an interactive and sustainable virtual field trip platform is necessary for transforming the crisis of teaching-learning into an innovative opportunity for tourism education.

**Objectives**  
1. To produce a Virtual Reality (VR) and Augmented Reality (AR) interactive field trip platform for YTT; and  
2. To allow students to conduct virtual trips to YTT out of classrooms

**Deliverables: Special Features and Functions**  
- **Themes** (Catholic religion, Hakka culture and ecology) for resource revitalization and destination development.  
- **Innovative features** including VR-based self-paced tours, attraction selection function, pop-up questions for discussion and a set of AR-driven features about the main attractions, stories and history of YTT

**Significance in e-Learning and Teaching-Learning Enhancement**  
- Platform utilized across UGC-funded tourism, geography, resource management and general education courses  
- Integration of field trips, location-based study and VR/AR applications  
- The role of teachers as both lecturers to deliver knowledge and facilitators of interactive class or online discussions without any geographical, weather or resource constraints

**Expected Outcomes**  
- "Study from Home" and incorporation with Zoom and other online teaching modes  
- Comparison between onsite field trips and virtual field trips – Research potential on advantages and disadvantages  
- Stimulation of learning interests  
- In-class or online discussions about the site  
- More options for onsite field trips in addition to virtual trips  
- KPIs: Student feedback and comments

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