

GIS Empower Multidisciplinary Research for a Sustainable World



Speaker: Sr Paul Tsui

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Honorary Advisor of GIS Academy

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Venue: AAB1312, HKBU

Zoom Link: <https://hkbu.zoom.us/j/94095155058>

Abstract

Geographic Information Systems (GIS) have emerged as a collaborative platform for research across diverse academic fields. GIS offer powerful capabilities to integrate a wide range of data sources that enhance the collaboration of multidisciplinary studies in fields such as history, anthropology, and social science. The utilization of the Common Spatial Data Infrastructure (CSDI) and the ArcGIS Living Atlas provides researchers with easy access to authoritative open data, serving various research purposes. Through cutting-edge geospatial analysis tools like GeoAI, spatial statistical analysis and etc, researchers can discover valuable insights and patterns from many different spatial data including satellite imagery. By harnessing GIS, researchers are empowered the ability to simulate future scenarios, engage the public and make advocacies for a sustainable future.

Biography

Sr Paul Tsui is currently the CEO of Esri China (Hong Kong). Esri is the world leader of Geographic Information Systems (GIS) and mapping software. Prior to joining Esri, he worked in Ordnance Survey, the world renowned national mapping agency of the United Kingdom. As a professional, Sr Tsui is the Fellow and Honorary Secretary of the Hong Kong Institute of Surveyors and Immediate Past Chairman of Land Surveying Division of the Institute. He is also Member of the Royal Institution of Chartered Surveyors and a Registered Professional Surveyor (Land Surveying) in Hong Kong. Moreover, Sr Tsui actively participates in volunteer services in the industry and education sector. Currently, he is now serving as the Honorary Advisor of GIS Academy. He was appointed as the Sector Specialist in the Information and Communications Technology Sector by the Hong Kong Council for Accreditation of Academic and Vocational Qualifications. He also served as the Chairman of the Department of Geography Advisory Committee of Hong Kong Baptist University. In the academic and research aspect, Sr Tsui has participated in many GIS research projects related to spatial data modeling and analysis. Sr Tsui was awarded Outstanding Alumni Award in 2020 by the Department of Land Surveying and Geo-Informatics of the Hong Kong Polytechnic University; and the Best Paper Award in 1998 held by the International Association of Chinese Professionals in Geographic Information Science (CPGIS). Sr Tsui holds a degree of Master of Philosophy in GIS.