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## Important Dates:

Abstract submission	: 28 Feb 2023
Full paper submission	: 15 Mar 2023
Final paper submission	: 15 Apr 2023
Deadline for registration	: 15 Apr 2023
Conference dates	: 10 - 12 May 2023

## Registration:

Registration fee : HKD 2,000

## Event website :



<https://www.polyu.edu.hk/lsgi/icge22>

## Enquiry:

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Organizer : Department of Land Surveying and Geo-Informatics,  
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# International Conference on Geomatics Education – Challenges and Prospect

10 - 12 May 2023

Hong Kong



Co-Organizer:



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# International Conference on Geomatics Education – Challenges and Prospect

**Organizer :** Department of Land Surveying and Geo-Informatics  
The Hong Kong Polytechnic University

**Date :** 10 - 12 May, 2023

**Venue :** Hong Kong

## Aims:

The mission of the conference is to bring together leading experts and professionals in geomatics community across the world

- i. to discuss how to support, promote and motivate capacity building at different levels of professionals and educators;
- ii. to elaborate on development of cost effective teaching and talent nurturing methods; and
- iii. to share best practices for curricula development and effective transfer of knowledge that meets incoming regional needs and global challenges in the field of geomatics.

## Topics:

- Curricula development at basic, professional and decision-making levels for Geodesy, Surveying, and Geospatial Information Science;
- Cost-effective digital class teaching / training approaches and web-based sharing of resources for mass awareness programs;
- Regional / International cooperation in capacity building, geodetic science and geospatial intelligence technology;
- Engaging tutors/ trainers and preparing educational material and support, including open-source software education;
- Young people on basic and advances in Geodesy, Photogrammetry, RS & Geoinformation Sciences through students' consortium;
- Innovative geospatial technologies for infrastructure planning and assets mapping;
- Organizing regional and international summer schools, seminars, workshops and tutorials, and cooperation with government and industry.

## Tracks and Sessions:

### Track 1 – Curricula Development

- Framework for multi-level education & training – curriculum development
- Coordination and adaptation with use and investigation of emerging techniques and methodology, such as AI, CNN, SfM, etc.
- Development of International collaborative education Programs
- Development of regional collaboration towards Urban Science, Environmental and Geospatial Technology
- Development of web-based sharing resource and portal for education and research – MOOC subjects

### Track 2 – Promotion of Profession

- Promotion of the profession to young people
- Distance learning – post-COVID-19 education and training services
- Online practicum and lab to meet the accreditation demands of the profession(s)
- Innovative technologies in training civil engineers and architects, city planners, urban environmental (geo-)scientist, computer scientists and geo AI engineers
- Promotion of open-source toolkits and materials on Geomatics Technology