

# International Summer School on Smart Cities

July 3th - 12th, 2025

<https://english.bucea.edu.cn/Admission/SummerSchool>

## Organizers

Beijing University of Civil Engineering and Architecture (BUCEA)

International Society for Photogrammetry and Remote Sensing (ISPRS)

Belt and Road Architectural University International Consortium (BRAUIC)

## Supporters

China's University-Enterprise Alliance for Excellent Engineer Education in  
Civil Engineering in Construction Field

GNSS & LBS Association of China

# Overview

The international summer school aims to provide an academic and cultural exchange platform for students and young scholars from different countries and regions. The summer school will invite high-level lectures from ISPRS as well as domestic and foreign experts and scholars on topics of the construction and management of smart cities, sustainable development of sponge cities, etc., introducing innovative methods, practical technologies, and successful cases of building smart cities.

In addition, the summer school will also arrange a variety of practical or cultural experience activities related to architecture and environment. While Chinese and foreign students attend classes together, internships in architecture and civil engineering courses will be arranged for them to experience traditional Chinese ancient architectural culture, as well as architecture and landscape of modern Beijing. The courses provide an opportunity to experience the charm of Chinese architecture that blends East and West and spanning ancient and modern times.

BUCEA and BRAUIC have successfully organized 8 editions of the international summer school with well-designed courses given by international experts from famous universities and institutions, having attracted more than 1400 students from over 100 universities around the world.

# Themes

The lectures will involve a broad range of topics, focusing on practical and methodological skills for better management and sustainable development of our cities, including:

- Architecture and Urban Planning
- GIS & Remote Sensing
- Civil Engineering
- Environmental Science and Engineering
- Construction Management
- Robotics Engineering and Artificial Intelligence



## Application

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Full time students are welcome to apply by submitting an application form (See Appendix). All applications will be reviewed before being accepted. Accepted participants need to register for the Summer School and pay the registration fee. The application should be sent to the email (buceaiss@hotmail.com) before June 1st, 2025.

## Registration fee

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6,000 RMB/ person, including attendance to all lectures and activities, learning material, accommodation, and meals from July 3 to July 12. International travel expenses are not included.

For BRAUIC and ISPRS members and BUCEA partners sending a delegation with more than 5 students, a discounted price of 4,000 RMB / person will be offered.

The fee should be paid in RMB cash or by card upon arrival.

Accommodation: University apartment or hotel (2-3 persons / room)

Dining: University cafeteria (3 meals / day)

# The University, ISPRS and ISPRS SC

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## **Beijing University of Civil Engineering and Architecture (BUCEA)**

<https://english.bucea.edu.cn/>

BUCEA is located in the Capital City of China and was established in 1907. It has distinctive architectural and civil engineering characteristics. Jointly supported by the Beijing Municipality and the Ministry of Housing and Urban Rural Development of China, the university now has 10 colleges offering undergraduate and graduate degree programs and more than 11,000 full-time students studying in 2 campuses. The Summer School will take place in the Daxing campus, which covers 640,000 square meters, and is blessed with very good facilities and beautiful environment.

BUCEA proposed to establish the BRAUIC in 2017, and has served as the Chairman's Unit ever since. It now works in partnership with more than 91 universities and enterprises across 30 countries and regions.

## **International Society for Photogrammetry and Remote Sensing (ISPRS)**

<https://www.isprs.org>

ISPRS was founded in Vienna, Austria in 1910 as 'Internationale Gesellschaft für Photogrammetrie'. It is a non-governmental international organization, devoted to the development of international cooperation for the advancement of knowledge, research, development, education and training in photogrammetry, remote sensing and spatial information sciences, their integration and applications, to contribute to the well-being of humanity and the sustainability of the environment.

## **ISPRS Student Consortium (ISPRS SC)**

<https://sc.isprs.org>

ISPRS SC is the official representation of the youth to ISPRS, linking students, young researchers and professionals worldwide, interested in photogrammetry, remote sensing and spatial information science and promoting their scientific and professional developments. ISPRS SC advocates imaging and geospatial science for informed, scientifically valid, and technologically sound observations of Earth conditions and trends that lead to improved and effective decision-making.

## Contact information

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