

Seminar on Sustainable Urban Development for Developing Countries

Full Name	Seminar on Sustainable Urban Development for Developing Countries (online)		
Organizer	Beijing Jiaotong University		
Holding Time	June 19th-July 2nd	Language	English
Form	Online	Platform	Zoom
Invited Countries	Developing Countries	Number of Participants	30
Seminar target	The purpose of the seminar is to meet the urgent needs of developing countries for sustainable urban development and urban planning adaptation in the process of urban construction, we focus on strengthening the construction of urban and rural planning and urban construction related talents and enhancing their professional quality through systematic and comprehensive knowledge of urban planning and construction.		
Requirements for the Participants	Professional background	<p>——Field / Major: Major related to urban planning and sustainable development in developing countries</p> <p>——Job : Government department officials or related technical managers related to sustainable development in developing countries</p>	
	Age	Under legal retirement age.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	Fluency in listening, speaking, reading and writing in English	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Beijing	Local Temperature	Summer: 22°C-31°C
Online visit cities	Shanghai	Local Temperature	Shanghai City: 20°C-31°C
	Tianjin		Tianjin City: 23°C-31°C

Notes	<ol style="list-style-type: none"> 1. This seminar takes the form of participants coming to China for training. 2. Participants are required to attend the entire training and adhere to the time schedule. 3. The relevant lecture materials will be shared with the participants after the training with the consent of the instructor, and should be used for learning purposes only. 4. Participants should prepare materials for the exchange seminar in advance.
Contact of the Organizer	<p>Project Contact: Shi Taowei (F)</p> <p>Pick-up Contact: Liu Miao (F)</p> <p>Office Phone: +0086-10-51685457 (Shi), +0086-10-51685477 (Liu)</p> <p>Cell Phone: 18519592612 (Shi), 13439728301 (Liu)</p> <p>E-mail: 812966176@qq.com (Shi), 466199914@qq.com (Liu)</p>
About the Organizer	<p>Beijing Jiaotong University (BJTU) is a national key university directly under the Ministry of Education, jointly built by the Ministry of Education, China Railway Corporation and Beijing Municipal People's Government, and is the first institution of higher education in China to train railroad professionals according to the modern education system. In 2017, the university entered the national "double first-class" construction ranks, will focus on the advantageous characteristics of disciplines, focusing on the construction of "intelligent transportation" world-class subject areas.</p> <p>From 2006 to 2022, BJTU has undertaken 133 short-term training courses in rail transportation and urban and rural planning commissioned by the Ministry of Commerce, the Ministry of Foreign Affairs, the State Railway Administration, the China Railway Corporation and other domestic and foreign institutions, training more than 3,000 trainees. More than 3000 people. After the training, the trainees have improved their management level and professional ability, and become the backbone of business and scientific research in the field of infrastructure and rail transportation in their home countries.</p> <p>Beijing Jiaotong University holds international training programs for human resource construction priorities in developing countries, covering: rail transit planning, construction, operation, management, equipment maintenance, urban and rural planning, etc. Each training session is reasonably arranged with classroom lectures, on-site teaching and professional visits, taking into account its own advantages and the characteristics of the training targets.</p>

<p>Seminar/ Training Course Content</p>	<p>Sponsored by the Ministry of Commerce of the People's Republic of China, Beijing Jiaotong University will organize a 14-day seminar on urban planning for South Sudan from June 19, 2023 to July 2, 2023 in China. Based on the needs of the foreign party, the university will develop a detailed implementation plan and invite experienced professors from the China Institute of Urban Planning and Design and BJTU to give lectures. The training method is a combination of online courses and field trips.</p> <p>The core courses include general knowledge, professional and practical courses, and the lectures are divided into classroom lectures, on-site teaching, visits and exchanges, etc.</p> <p>1. Introduction of main training courses and contents</p> <p>(1) Urban and Regional Planning Theory: it mainly introduces the basic concepts and contents of urban planning, the development course of urban planning theory and practice by lectures. It is include china's urban planning and detailed planning principles, as well as urban planning administrative and legal system, and other major elements to develop its concept of urban development as a whole.</p> <p>(2) Urban and Regional Development Strategies in China: It Introduces the evolution of China's urban and regional development policies since the founding of the PRC and the lessons learned from them. The seminar focuses on China's urbanisation process and urban and regional development strategies after the reform and opening up, and summarizes the main historical experiences. In addition, it introduces the current challenges in China's urban and regional development and the government's reforms in territorial spatial planning and spatial governance, providing participants with a more comprehensive and systematic understanding of China's historical experience and practical characteristics in facilitating urban and regional development.</p> <p>(3) Urban Design and Regeneration in Beijing: Using classroom lectures, this course introduces the development of urban design in Beijing, explains cases of urban design and regeneration in Beijing, and discusses the opportunities and challenges of urban design in the future with classic cases from home and abroad. Through this course, participants will be able to gain a comprehensive and systematic understanding of the history, exploration, experience and inspiration of urban design and regeneration in Beijing, and understand the future direction of urban design in Beijing.</p> <p>(4) Coordinated Development of Urban Transport Infrastructure and Cities: the paper introduces the regional coordinated development strategy in urban transport infrastructure planning and construction by means of classroom lectures and site visits.</p> <p>(5) Urban Agglomeration Development Driven by Rail Transit: it mainly introduces the basic principle of traffic prediction, four-stage algorithm, traffic generation model, traffic selection and so on. The activity-based algorithm will also illustrate how to use network analysis methods for traffic flow forecasting. The course will provide support for traffic prediction and integrated development of traffic and urban land use in urban traffic planning, and also focus on how to apply</p>
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traffic prediction to urban traffic planning.

(6) Discussion on Regional Development Strategies and Construction of Emerging Cities: Using classroom lectures and site visits, the course introduces the implementation path of China's regional development in the new era, and proposes relevant suggestions to promote the further development of emerging cities by sorting out their development history and experiences, in terms of innovation-driven strategies, regional industrial systems and urban development environments.

(7) Research and Conservation of the World Cultural Heritage of the Great Wall: This course uses classroom lectures and site visits to introduce the basic overview and historical and cultural values of the Great Wall, to understand the current development of research and conservation of the World Cultural Heritage of the Great Wall, and related approaches and strategies.

(8) Smart City and Smart Ecological Development: Using classroom lectures and interactive talks, the course introduces the experiences of the management and construction of development zones, with an emphasis on the current situation, development tendency and continuous design of smart cities at home and abroad in terms of smart energy, smart buildings, smart transportation and smart urban planning.

(9) Chinese Experience in Eco-city Design: Using classroom lectures and site visits, the course introduces the classic theories of ecological urban design, explores the similarities between ancient Chinese planning concepts and contemporary Chinese development ideology, summarizes the Chinese experience with the core of habitat science and share classic cases from theory to practice.

(10) Evolution of Community Form and Community Planning in China: Using classroom lectures, the course is based on national priorities during the 14th Five-Year Plan and focuses on practical applications in urban regeneration and community planning. The course takes a case study of a Jiadaokou street in a district of Beijing and provides technical support for community livelihood, community commercial development and community service facility analysis through the analysis of the degree of closure/openness, community social mix analysis, community public service facilities coverage, residential commercial development potential assessment and community micro-transportation analysis.

2. Communication and discussion

Share and exchange experiences on sustainable urban development in China and other developing countries.

3. Online visits

The training officers are expected to have tours and technical discussions with representative Chinese urban planning exhibition halls and urban planning-related enterprises, as well as on-site teaching in the representative cities of Zhangjiakou and Tianjin. It is also planned to arrange visits to cultural sites such as the forbidden city in Beijing. At the same time, we can show the trainees Chinese traditional culture and the status quo of China's social development, so that the trainees

can experience a "real" China.

4. Brief Introduction of the Lecturers

(1) Gaohong She: Associate Professor, Associate Dean, School of Architecture and Design, Beijing Jiaotong University. The main research direction is Regional Development and Planning.

(2) Chun Zhang: Professor, Deputy Department Head, School of Architecture and Design, Beijing Jiaotong University. The main research direction is Urban Form and Transportation Planning.

(3) Xin Wang: Associate Professor, Department Head, School of Architecture and Design, Beijing Jiaotong University. The main research direction is Urban and Rural Development History and Heritage Conservation.

(4) Linfei Han: Professor, School of Architecture and Design, Beijing Jiaotong University. The main research direction is Urban and Rural Planning and Design.

(5) Yuan Lu: Associate Professor, School of Architecture and Design, Beijing Jiaotong University. The main research direction is TOD for Rail Transportation.

(6) Yifeng Yao: Associate Professor, School of Architecture and Design, Beijing Jiaotong University. The main research direction is Integration of Urban Rail Transit TOD.