

# Development and Prospects of China's Rail Transit Construction



- DATE 10:30AM – 12:00AM, November 7th, 2024
- VENUE ZOOM
- LANGUAGE English
- OUTLINES

This seminar will provide a comprehensive overview of China's rail transit system, emphasizing its significance in urban development and economic growth. It will cover the historical development of rail transit, detailing key milestones and major projects. The current state of rail transit construction will be examined, highlighting technological advancements and innovations in construction techniques, including the implementation of Building Information Modeling (BIM), smart construction practices, prefabrication, and the use of sustainable materials. The seminar will address challenges and issues such as geotechnical complexities, environmental impacts, and the need for resilient infrastructure in varying geological conditions. Future prospects will be explored, discussing planned projects, emerging technologies, and the integration of smart monitoring systems. Government strategies for long-term growth and sustainability will also be analyzed.

## ■ TIME SCHEDULE

Time	Contents
10:30-10:35	<b>Introduction</b> Research Fellow Lihang HU (Institute for Asian and Oceanian Studies, Kyushu University)
10:35-10:40	<b>Opening Remarks</b> Research Fellow Lihang HU
10:40-11:40	<b>Presentation</b> Assoc. Prof. Gang WANG (Hunan University Of Technology and Business)
11:40-11:50	<b>Q&amp;A</b> Assoc. Prof. Gang WANG
11:50-12:00	<b>Closing Remarks</b> Research Fellow Lihang HU



**Assoc. Prof. Gang Wang**  
(Hunan University Of  
Technology and Business)