

SB08 Special Session:

Challenges of China's Sustainable Building Development

Tuesday, September 23, 2:00~3:30PM

Room: Corryong 4

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Brief Description: There has been significant progress in the sustainable building practice in China during the past decade. Current establishment of the national renewable energy law and various energy efficiency regulations/codes are taking a critical role to push the improvement of energy and environmental performance of buildings. In 2008, the new China green building evaluation tool was developed. Several large-scale government-supported demonstration projects and international collaboration projects have also generated comprehensive influence. However, compared to the opportunities both on the technological level and policy level, the adoption of green building practice in the building sector is still rather slow, with the effectiveness offset by the fast growing building stock. Top-down efforts from the central government to adopt sustainable strategies is still waiting for the bottom-up support from local agencies, multiple players in the building delivery process and the society.

In this special session, an expert panel from China and outside of China will explore the challenges of China's sustainable building development, and have a dialogue on: the key issues and specific requirements for China's sustainable building development; performance assessment tools; characteristics of China's sustainable construction market; the role of international collaboration in practice, research and policy development; and suggestions to the sustainable building development in China under the pressure of rapidly growing building stocks and expanding cities.



Speakers & Topics: Welcome and introduction: Ying Hua, Cornell University, USA (moderator)

Speaker 1: Prof. WANG, Youwei (Chair of China Green Building Council) - Key issues of China's sustainable building development and the new green building codes in China

Speaker 2: Mr. Harvey Bernstein (*McGraw-Hill Construction vice president of Industry Analytics and Alliances*) (topic to be confirmed)

Speaker 3: Ms. Minda Xu (*Vice President – China, McGraw-Hill Construction*) - China's sustainable construction market and international collaboration

Speaker 4: Prof. Tomonari Yashiro (Deputy Director, Professor, Institute of Industrial Science University of Tokyo) - Local diversity of environmental performance assessment method; vulnerability of expanding cities in China

Speaker 5: Prof. Serge Salat (to be confirmed, Scientific Adviser - Ministry of Construction, France) - Sustainable urban projects in China and international collaboration