



Climate and Energy Decision Making Sponsored Seminar

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Presenting on:

“Third Parties in the Implementation of Building Energy Codes in China”

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12 noon

(Lunch served at 11:50 am)

129 Baker Conference Room
Department of Engineering and Public Policy

Seminar Abstract: In recent years, China has been adding 1.8 to 2.0 billion square meters of new construction each year, making it the largest market for new construction in the world. Though the enforcement of China’s building energy codes has been widely viewed as fraught with challenges, in recent years China has actually achieved unusual success in improving its compliance rate at both design and construction stages: from 53% (design) and 21% (construction) in 2005, to 99.5% (design) and 95.4% (construction) in 2010.

Are these numbers real? What is the definition of the compliance rate in China’s enforcement of building energy codes? If the improvement data are accurate, how is it that China has been able to bring about such impressive improvements in a mere five years? The paper will try to answer the above questions, with a focus on the role of third parties and their administration in the implementation of building energy codes. The paper concludes that strong governmental support and effective employment of third parties, coupled with strict quality control and supervision are the key factors for China’s success.

Speaker Bio: Shui Bin joined ACEEE in 2011 as a Senior Researcher. Her work focuses on building energy efficiency, behavior-related energy research and policy analysis, and international energy policies. She was most recently at Pacific Northwest National Laboratory as a research scientist (PNNL), where she studied household energy use in the United States and building energy codes in Asian Pacific countries. She led a U.S.-China collaborative project regarding the implementation of building energy codes in China.

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