



## First International Conference on Concrete Sustainability



27-29 May 2013  
Tokyo, Japan

### **Purpose**

Sustainability is an issue of global importance in the 21st century. All industries of all nations have to take action to achieve sustainable development. The concrete industry is no exception, as it uses an enormous amount of resources and energy. However, concrete is also essential for the creation of infrastructure and buildings that form the basis of human socioeconomic activities. We need to utilize concrete in the future by promoting the development of innovative concrete technologies and systems from the perspective of sustainability. The First International Conference on Concrete Sustainability will provide a forum to encourage such developments and to discuss the future of concrete by exchanging the latest information, technologies, and ideas.

### **Conference topics**

- Environmental impact reduction technologies  
(Materials, construction, repair & rehabilitation, demolition, reuse and recycling, CO<sub>2</sub>-uptake, thermal mass, environmental engineering structures, CO<sub>2</sub> capturing, etc.)
- Environmental design, evaluation, and systems  
(Design systems, carbon accounting, building information modeling, evaluation tools, LCA, development of evaluation indices, codes, standards, specifications, guidelines, etc.)
- Social & economic aspects  
(Resources management, built environment, aesthetics, LCC, etc.)
- Case studies of sustainable concrete materials and structures
- Other related topics

## Organizer - Japan Concrete Institute

The Japan Concrete Institute (JCI) was founded in July 1965. JCI has approximately 8,000 members and has conducted extensive investigations and research activities on concrete. JCI also offers concrete engineer certification programs, and is a world-leading organization on research in the field of concrete sustainability.

## Co-organizers

fib – International Federation for Structural Concrete

ACI – American Concrete Institute

## Organizing Committee

Koji Sakai, Chair

Chair of JCI Committee on Sustainability,  
fib SAG 8 on Sustainability Initiative,  
ISO/TC71/SC8, etc

Mette Glavind, Co-chair

Chair of fib Commission 3

Andrea J. Schokker, Co-chair

Chair of ACI Committee 130



Kaminarimon



Sensoji Temple

## About Tokyo

Tokyo is the capital and economic, political, and entertainment center of Japan. With a population of over 13 million in the Tokyo metropolitan area alone, development and construction in Tokyo has produced one of the most ecological and land- and energy-efficient cities in the world. Tokyo is bordered by Tokyo Bay in the southeast and by high mountains in the west, including picturesque Mt. Fuji, and the weather in May is typically mild with average temperatures around 19 degrees Celsius.



Tokyo Station



Imperial Palace

## Further information

Please visit the conference website ([www.jci-iccs13.jp](http://www.jci-iccs13.jp)) for further information and future updates as the details of the conference are decided.

(Photos: Courtesy of Ooed21)