



International Alliance for Sustainable Urbanization and Regeneration

## CALL FOR PAPER

### THE 2ND INTERNATIONAL CONFERENCE OF IASUR “GREEN BUILDING AND SMART CITY”

**EXTENDED DUE DATE (ABSTRACT): NOVEMBER 15, 2018**

For the detail, please contact to IASUR website at <http://www.iasur.org>

#### CONFERENCE

**Date:** March 29-31, 2019

**Venue:** Xi'an University of Architecture and Technology, Xi'an, China

**Organizer:** International Alliance for Sustainable Urbanization and Regeneration (IASUR)

**Co-organizer:** State Key Laboratory of Green Building in Western China, Xi'an University of Architecture and Technology  
Sustainable Urban Architectural Environment in Asia (SUA Asia)

#### BACKGROUND

In the 21st century, the rapid urbanization, high density growth, urban sprawl and slums, as well as increasing informality in urban activities, are still the major challenges for most Asian cities and regions. In response to these issues which aimed to establish how engineering, including civil engineering, environmental engineering, architecture and urban planning, can make significant contributions to the resolution of the increasingly severe problems caused by global warming, environmental pollution and urban vulnerability, and to the realization of sustainable cities and regions in Asia, we came to recognize the importance of promoting new paradigms and methodologies. At the same time we recognized the limitation of individual activities in research and education to solve complicated environmental issues.

**International Alliance for Sustainable Urbanization and Regeneration (IASUR)**, launched after over 10-year interdisciplinary research and educational activities by Center for Sustainable Urban Regeneration (cSUR) established by Departments of Civil Engineering, Architecture, and Urban Engineering, The University of Tokyo, is a non-profit, non-political entity and have the objectives of enhancing an international and interdisciplinary network connecting universities and research institutions, integrating the pragmatic practices and the relevant academic resources, and fostering internationalized practitioners and researchers with the high philosophy and innovative knowledge. The first international conference held under the theme “Sustainable Society as Our Challenge” in October 2014 in Tokyo, Japan, attracted over 150 researchers, professionals and students, and the selected 77 papers out of 103 were presented at the conference. Finally the best 18 papers have been published at the special issue of Journal of Sustainable Urbanization and Regeneration.

**State Key Laboratory of Green Building in Western China**, focuses on fundamental knowledges and applicable technologies for green building that is energy-saving, land-saving, water-saving, material-saving, and

environmental protection corresponding to the local situation through the entire life cycle of buildings. The State Key Laboratory commits to the urgent demands of improving the whole level of green buildings, and to the task of effectively improving the living quality. Be part of Xi'an University of Architecture and Technology, the State Key Laboratory has three research directions, including 'fundamental theories and applicable technologies of green building', 'ecological urban & rural planning and green building design methods', and 'green building material, structures and constructions'. Under the framework of the laboratory, 99 well-recorded long-term researchers and more than 500 short-term or off campus researchers have been divided into 10 research groups for furtherly sorted research directions.

It is our biggest pleasure that IASUR, together with State Key Laboratory of Green Building in Western China and SUEC Asia, will host the second international conference in March 29-31, 2019 in Xi'an, China. The main theme of this conference is "**Green Building and Smart City**". Throughout the conference, we will steer the directionality for sustainable urban regeneration or urbanization so that it is repositioned within the scope of, and the capacity for, urban and regional sustainability through a process of continuous international collaboration. We have great expectations that the alliance will make a significant contribution in further developing and raising the academic status of research and education for the future of Asian cities and regions.

## **CALL FOR PAPER**

The conference internationally calls for academic paper related to the following 10 themes and keywords that cover diversified issues of architecture, civil engineering, urban planning and environmental engineering. In addition to the conference proceedings, the best papers will be published. The further information of the conference is announced at IASUR website ([www.iasur.org](http://www.iasur.org)) and State Key Laboratory website ([klgb.xauat.edu.cn](http://klgb.xauat.edu.cn)).

### **Theme 1 Green Building**

Keywords: Energy saving, Energy management and control, Low carbonization, Smartification ...

### **Theme 2 Smart City**

Keywords: Renewable energy, Smart grid, Smart district ...

### **Theme 3 Environmental Engineering and Management**

Keywords: Environmental conservation and restoration ...

### **Theme 4 Structural Engineering and Infrastructure Planning**

Keywords: Seismic engineering, Mega structure, Urban stock ...

### **Theme 5 Transportation and Communication**

Keywords: Transportation planning and management, Urban mobility design, Traffic safety, Logistics and freight ...

### **Theme 6 Planning, Design and Engineering for Dynamism of Society**

Keywords: Demographic change, Land use, Social information, Town management, Slum improvement ...

### **Theme 7 Green and Blue Network**

Keywords: Ecological preservation, Landscape design, Green management, Water ...

### **Theme 8 Space, Time and Cultural Context**

Keywords: History, Community development, Cultural strategy, Regionalism ...

### **Theme 9 Cities and Climate Change**

Keywords: Adaptation, Mitigation, Flooding, Sea level rise, Extreme weather ...

### **Theme 10 Reconstruction and Rehabilitation after Disaster**

Keywords: Vulnerability, Resilience, Disaster risk management, Earthquake, Tsunami ...

## **IMPORTANT DATES**

### **November 15, 2018 (Extended) Deadline for abstract submission**

The abstract should be limited to 500 words in English, in which the theme of the paper should be clearly indicated.

Send your abstract in MS Word or PDF by the email to [conference2019@iasur.org](mailto:conference2019@iasur.org)

### **November 28, 2018 Notification of abstract selection result**

### **December 28, 2018 Deadline for full paper submission**

### **January 28, 2019 Notification of full paper selection result**

### **March 29-31, 2019 Conference**

Day 1: Opening session, Keynote speech, Presentation sessions

Day 2: Keynote speech, Presentation sessions, Closing session

Day 3: Optional tour

## **ORGANIZING COMMITTEE**

Atsushi DEGUCHI (President, International Alliance for Sustainable Urbanization and Regeneration)

(Professor, Graduate School of Frontier Sciences, The University of Tokyo)

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## **CONTACT**

If you have inquiries, please feel free to Organizing Committee at [iasur2019@iasur.org](mailto:iasur2019@iasur.org)