

PREFACE

The 5th International Conference on Sustainable Built Environment (ICSBE) : Management of Changes for Livable Environment

October 11-12, 2019
Banjarmasin, Indonesia

About the Conference

The International Conference on Sustainable Built Environment (ICSBE) is a forum initiated by the Faculty of Civil Engineering and Planning, Universitas Islam Indonesia (UII), through collaborations with worldwide universities and research institutions. The conference is aimed at nurturing the study, comprehension, and appreciation of the built environment.

The conference is intended to provide a forum for ideas exchange, knowledge sharing, and information dissemination concerning the study and research on built environment in different parts of the world. It seeks to further develop regional and international network of academics, professionals, and policy makers on the management of the built environment.

The first ICSBE was held in May 2010 in Yogyakarta, with the theme ‘Enhancing Disaster Prevention and Mitigation’, which attracted participants from 8 countries, who presented 74 selected papers. In response to the interests of the participants, the second conference was held in July 2012 with the theme ‘Livable Cities in Fast Growing Cities. The third was held in October 2014 by theme of ‘Resilience and Risk Reduction Towards Well-Being Society’. The fourth conference held in October 2016 presented the theme of ‘Sustainable Building and Environment for Sophisticated Life’.

To expand the benefit of the new knowledge of ICSBE to the region, starting on the fifth, the conference will be conducted as travel conference biennial series from one city to another. Therefore, starting this year of 2018, the ICSBE will be held in Banjarmasin, South Kalimantan, Indonesia, co-jointly organised by the Faculty of Engineering, Universitas Lambung Mangkurat (ULM) and the Municipal Government of Banjarmasin.

Management of Changes for Livable Environment

Every community has been facing rapid changes in various aspects of life. At global level, the changes refer to planetary-scale changes in the Earth system which consists of the land, oceans, atmosphere, polar regions, life, the planet’s natural cycles and deep Earth processes that its parts influence one another including human society.

Beside the threat of significant climate change, there is growing concern over the ever-increasing human modification of other aspects of the global environment and the

consequent implications for human well-being. Social systems can also change rapidly and discontinuously in ways that may greatly alter environmental systems and human being.

To address the changes, the governments, public and private institutions and people are required to agree on the ethical framework for global stewardship and strategies for environmental system management. The academic and scientific society that are believed to be the most prepared in facing rapid global changes should take a lead in exploring the new way addressing the problem.

With purpose to comprehend any new initiative for managing the changes and keep the environment livable, this conference will discuss in detail about the state-of-the-art of environmental management, technology, and methodology to address the changes at community, city, regional and global levels.

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