INTERNATIONAL SEMINAR
ON GREEN ARCHITECTURE AND ENVIRONMENT:
TOWARDS GREEN COMPACT CITIES
Makassar - Tuesday, October 14, 2008

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The Department of Architecture Faculty of Engineering Hasanuddin University is pleased to present Proceeding of the International Seminar on Green Architecture and Environment, with a central theme Towards Green Compact City, Makassar, October 14th 2008.

This International Seminar aims particularly to explore the concept of green and sustainable living environments by means of a compact urban form. The idea initially based on the fact that progress towards sustainable development is essential. Meanwhile, green-oriented approach for sustainable development has been of utmost crucial issue nowadays. There has been a widespread consensus sustainability of our living environment relies on green development of the built environments that encompass macro-, mezzo-, and micro-environments including urban areas, architecture, housing, building structure, interior space, landscape, infrastructure networks. We understand that “green” extends beyond vegetation and parks or gardens. It covers empowerment of reversible energy, efficient usage of resources, and promotion of energy-saving environmental design. Moreover, we need to remember that sustainability of our living environment is not just about environmental concerns. It is also about economic viability, livability and social equity.

Cities, regions, and buildings are the main arena of human activity, yet at the same time also the greatest consumers of natural resources. In recent years researchers, architects, planners, developers, and policymakers have increasingly paid much attention on the relationship between urban form and sustainability. The suggestion has focused on implications of the shape and density of cities for the future. Strong arguments have emerged towards the notion of compact city as the most sustainable urban form. Meanwhile, environmental design has progressed towards the creation of a more compact city in order to achieve a more sustainable urban form. Urban compaction involves the promotion of town centre revitalisation, highly-dense urban development, restricted rural development, mixed-use development, public transport promotion, transit oriented development, and concentrated services and facilities such as hospitals, parks, schools, leisure and amenities on transit nodes. Strong arguments state that compact city can overcome urban sprawl in terms of preservation of green space, regeneration of existing urban areas and urban vitality, less car dependency thus lower emissions, reduced energy consumption, better public transport services, and increased overall accessibility.
We are delighted that this Seminar receives enthusiastic responses from broad international colleagues, with a total number of 12 selected presenters, comprising 22 papers.

We would like to express our gratitude and appreciation to all keynotes speakers, presenters, participants, members of steering and technical committees, sponsors, as well as all of our colleagues for the invaluable contributions in this Seminar.

We wish all participants will find this Seminar intellectually beneficial as well as fascinating, and looking forward to meeting you all again in future seminars.

Makassar, October 9th 2008

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