

Cities
People
Places

ICCPP-2017
COLOMBO, SRI LANKA
FIFTH INTERNATIONAL
URBAN DESIGN CONFERENCE
ICCPP - 2017

FIFTH INTERNATIONAL URBAN DESIGN CONFERENCE ICCPP-2017

Cities
People
Places
ICCPP-2017
COLOMBO, SRI LANKA

Cities, People and Places

'Urbanization Futures'
Policies, Strategies and Implications of Densification of Cities

Oct 20th - Oct 21st, 2017
Colombo - Sri Lanka

Proceedings

Cities, People and Places

Main Organizer



Department of Architecture
University of Moratuwa, Sri Lanka

Co-organizer



National Science Foundation of Sri Lanka



Centre for Cities

ISSN : ISSN 2345-9530



Bar Code : 9 772345 953006



Department of Architecture
University of Moratuwa, Sri Lanka



National Science
Foundation of Sri Lanka

PROCEEDINGS

Fifth International Urban Design Conference on
Cities, People and Places
ICCPP- 2017
Colombo, Sri Lanka

Theme:

**Urbanization Futures:
Policies, Strategies and Implications of
Densifications of Cities**

Edited by:
Janaka Wijesundara
Ranjith Dayaratne

Department of Architecture
University of Moratuwa
Sri Lanka



Editors: Janaka Wijesundara and Ranjith Dayaratne

ISBN: 2345-9530

Department of Architecture, University of Moratuwa, Sri Lanka

Tel : +94 11 2 651 047

Fax : +94 11 2 651 047

Email : iccpp@uom.lk

Web : www.iccpp.lk

The papers published in this proceeding reflect the opinion of the respective authors. Information contained in this proceeding has been obtained by the editors from sources believed to be reliable. Authors of specific papers are responsible for the accuracy of the text and technical data. Neither the publisher nor the editors/authors guarantee the accuracy or completeness of any information published herein, and neither the publisher nor the editors/authors shall be responsible for any errors, omissions or damages arising out of use of this information. Trademarks are used with no warranty of free usability.

All rights reserved. No part of this publication including the cover design may be reproduced, stored or transmitted in any form or by any means whether electrical, chemical, mechanical, optical recording or photocopying, without prior permission of the publisher.

ACKNOWLEDGEMENT

ICCPP conference in 2017 is special for two reasons. On the one hand, with the 2017 event, ICCPP would complete five years of continuous existence. With this huge achievement ICCPP qualifies to be recognized as a well-established conference. Through the five conferences, we have brought to surface numerous issues confronting the cities. In so doing, we have gathered together a willing and energetic group of participants who have followed us in this endeavor in finding solutions to the complex issues of the city.

On the other hand, in the ICCPP-2017, we challenged the participants to look at what will be the future of urbanization; the process that brought about the city. What would density do to the cities; its people and places? That is a difficult but a fundamental question. Density is an unavoidable aspect of cities around the world. Density brings in the character of urbanity and makes the city possible as a seductive alternative to the rural hinterland. However, it also poses the biggest challenges in the city. From the micro to the macro levels, density and overcrowding poses serious issues at physical, social and psychological levels.

There is no doubt that this conference will throw light on some of the critical aspects of density, crowding and help understand the multi-faceted ramifications of urbanization; the fundamental process of city making. Many have pointed out that urbanisation is evil and results in not only urbanity but the most contested issues in the city too. Nevertheless, will there be an alternative to urbanisation? This is the question that we would like to see answers during the discussions of the conference.

We are grateful to the conference organizers, especially those at the University of Moratuwa for toiling continuously for five years to bring this conference as a well-established international conference. As usual, the conference papers have been carefully reviewed by an international review panel twice: first examining the abstracts and then the full papers. This is not an easy task and we must express our sincere gratitude to the International Review Panel for shouldering this mammoth task to maintain the standards; not just this time but for five years at a stretch.

Local conference organizers; the Faculty at the University of Moratuwa and their support staff have done an excellent job as they always do. University of Moratuwa has extended their fullest support and their contribution cannot be measured and acknowledged sufficiently. Our special thanks also goes to the co-organiser of this event, The National Science Foundation, Sri Lanka. Without this institutional support, ICCPP would not have come along for five years.

Finally, the authors have been tremendously hard working, and rigorous in their responses to the comments and criticisms of the papers. Upon refinement, the papers have reached very high standards. They owe our great admiration for their desire to participate and excel. That is our biggest strength which ensures that the ICCPP continues and flourishes as a meaningful and intellectually rich endeavor. Thank you all for your great support. Together we have done it again and will continue to contribute to the intellectual understanding of the cities people and places.

Janaka Wijesundara and Ranjith Dayaratne

FOREWORD

There is no argument that the future belongs to the city. With more and more people moving to cities across the world, the so-called peri-urban areas, are slowly being absorbed by the cities. Urbanization is one process of the cities that has never stopped since it began some half a century ago. But what would be the future of urbanization? Is it really unstoppable, until all rural areas are gobbled up by the cities? Or would it suddenly come to a halt with the explosion of the city? Would people give up the city and look for the simplicity and pleasantness of the village that once was the adobe of the majority of populations? These are pertinent questions to ask, given the fact that despite the attractiveness of the cities that prompted urbanization, cities have also become largely unlivable for most people. Indeed, this is more so in the newly emerging Asian cities and mega cities, which have pursued spontaneous and uncontrolled urbanization, unplanned and allowed to spread ad-hoc.

One of the most significant issues of this alarming rate of urbanization has been the ever-increasing density in cities. Today, with modern high rises, it has become possible for thousands of people to live on small footprints. Communities by themselves, vertical urban apartments have been dubbed the filing cabinets of people, and there is no stopping of them rising higher and higher in most cities. However, with densities rising up, there are also less and less open social spaces, where people can find solitude, be with Nature or relax on their own.

Density and densification is a double-sided driving force of the city. On the one hand, the greatest asset of the city is density itself. It is this density that can deliver services to the people in cities with miniscule costs of infrastructure per person. Without the density, city becomes not viable because everything will cost so much more and that is what has pushed the rural areas to the back compared to the cities. However, this same densification is also the greatest evil of the city because, when it comes to garbage, area per person for living and so on, density becomes a serious problem. Most importantly, density and crowding have serious social and societal implications for the people.

Crowding is synonymous with strangers and the city dwellers find that they are constantly and continuously demanded to deal with unknown and unexpected; people who one cannot know closely and therefore cannot construct social relationships with. As it appears to be, cities with continuous urbanization and ever-increasing densities pose serious problem for the future city, for which planners and architects need to find creative and convincing strategies and solutions. In this conference, we posed the questions to those who have been dealing with these issues and it is encouraging to see the wide variety of approaches they take to understand and devise planned interventions to address the issues. After all, urbanization futures will not be as bad as it is assumed, and with the help of the researchers such as those who have presented papers at this conference, we will certainly be able to surmount all obstacles.

Janaka Wijesundara and Ranjith Dayaratne

SCIENTIFIC COMMITTEE

Advisors

Prof. Ali Madanipur	University of Newcastle, UK
Prof. Kim Dovey	University of Melbourne, Australia
Prof. Chye Kiang Heng	National University of Singapore, Singapore
Prof. Murray Fraser	Bartlett School of Architecture, UK
Prof. Ranjith Dayarathne	University of Bahrain (Mentor)

Review Committee

Prof. Frank Schwartze	University of Luebeck, Germany
Prof. Sandeep Agrawal	University of Alberta, Canada
Prof. Koen De Wandeler	University of Leuven, Belgium
Prof. Kapila Silva	University of Kansas, USA
Prof. Samuel Hammer	University of Boston, USA
Prof. L S R Perera	Sultan Qaboos University, Oman
Prof. Rohinton Emmanuel	Glasgow Caledonian University, UK
Prof. Sasanka Perera	South Asian University, India
Prof. Hooman Koliji	University of Maryland, USA
Prof. Luca Molinari	"L. Vanvitelli", Naples, Italy
Prof. Jyotirmay Mathur	Malaviya National Institute of Technology
Prof. Tanka Nath Dhamala	University of Tribhuvan, Nepal

CONTENTS

ACKNOWLEDGEMENT	III
FOREWORD	V
SCIENTIFIC COMMITTEE.....	VII
CONTENTS	IX
CONTENTS OF PAPERS	XI
PAPERS	XIII

CONTENTS OF THE PAPERS

Gendered Cinematic City: A Case Of Hyderabad Cinema T Deepthi Krishna	01
Study Of Metaphysical Layer: Connection Of A City With People Zain Zulfiqar	12
Housing Chain And Factors Affecting Selection Of Housing In The Bangkok Metropolitan Region Sastra Srihabhak	22
People’s Negotiation Of Space In The Context Of Urbanization And Historic Conservation In Clan Jetties, Malaysia Kaushalya Herath	43
The Wandering Maps In The City Of Bhubaneswar Nibedita Mishra	53
Bangkok Street Food Phenomenon Montouch Maglumtong	67
An Investigation Of Public Art And Its Role Of Increasing Urban Quality The Case Study Area: Arayampathy, Batticaloa Arthy Yogalingam	83
Comparative Analysis Between Urban Kitchen Market And Super-Shops - Focus On Proper Return On Investment (roi) In Sense Of Spatial Utilization In The Context Of Dhaka, Bangladesh Nayna Tabassum, Prince AnowerParvez	95
Competition For Urban Space: Analysis Of Spatial Aspect Of Street Vending In Pune City Pratap M. Raval,Aishwarya Borate	119
Understanding The Territoriality In Marginalized Neighborhoods From Occupants’ Point Of View Special Reference To Sammanthranapura, Mattakkuliya Gehan Athukorala, Janaka Wijesundara	130
Resilient Cities For The Future : A Case Of Chennai Greeshma P, Manoj Kumar K	149
Modeling Ageing Population (60+ years) In Sri Lanka A C Jayatilake and T S G Peiris	160
Impact Of Roadside Landscape To Driving Behavior; A Study With Reference To Southern Highway S.R. Dharmasena , EAT Suresh	167
District Cooling Potential For Mega Developments In Sri Lanka Niroshan Diminige, R. A. Attalage	188
Social Networks And Spatial Character A Study Of Socio-Spatial Transformations Of Open Spaces In Traditional Neighbourhoods Of Indian Cities Navajyothi Subhedar	196
Exploring The Elements Of Urban Metarmophosis That Sustain The Place Integrity Of Historic Urban Centres: The Case Study Of Slave Island, Colombo Damsari Edirisinghe, Janaka Wijesundara	225

Urban Sustainability - Street Charater, Infrastructure & Identity Mellissa Joseph Pereira	244
A Study On The Impact Of Cultural Tourism On Urban Landscape With Reference To The City Of Kandy Rasul Wanigasekara, Janaka Dharmasena	264
Urban Design For Developing A Sense Of Community In C-Diverse Neighbourhoods Viraji, Bandara & David, Monteyne	280
District Cooling Systems For Mega Projects In Sri Lanka Shanith Kankanamge, Nayanthara De Silva and C.R. De Silva	291
The Landscape And The Tourist Attraction: A Study With Reference To Nuwara-Eliya, Sri Lanka. Niranjie De Silva, DP Chandrasekara	302
The Appreciation Of The Sense Of Space Through The Acooustic Landscape Of Urban Parks: Case Study Of Urban Parks Colombo Yahani Hasara Waduthanthri , Shereen Amendra	318