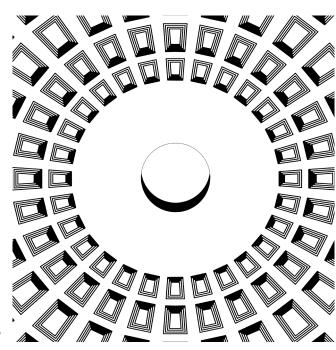
Sapienza University of Rome, Faculty of Architecture, via Gramsci 53 22nd ISUF International Conference | 22-26 september 2015 | Rome

BOOK OF ABSTRACTS



city as organism new visions for urban life

DIPARTIMENTO DI ARCHITETTURA E PROGETTO

FACOLTÀ DI ARCHITETTURA



ISUF International Seminar on Urban Form









City as organism. New visions for urban life 22nd ISUF | International Seminar on Urban Form

book of abstracts

editor **Dina Nencini**

Graphic design by Antonio Camporeale Logo by Marco Falsetti

> ISBN: 978-88-941188-0-3 U+D Editions

Organization

Conference Chair

Giuseppe Strappa, 'Sapienza' University of Rome, Italy

Scientific Committee

Giovanni Carbonara, 'Sapienza' University of Rome, Italy
Giancarlo Cataldi, University of Florence, Italy

4 Carlos Dias Coelho, University of Lisbon, Portugal
Michael P. Conzen, University of Chicago, United States
Anna Maria Giovenale, 'Sapienza' University of Rome, Italy
Kai Gu, University of Auckland, New Zealand
Jean-Francois Lejeune, University of Miami, United States
Renato Masiani, 'Sapienza' University of Rome, Italy
Vitor Manuel Araujo Oliveira, University of Porto, Portugal
Piero Ostilio Rossi, 'Sapienza' University of Rome, Italy
Ivor Samuels, University of Birmingham, United Kingdom
Brenda Case Scheer, University of Utah, United States
Giuseppe Strappa, 'Sapienza' University of Rome, Italy
Jeremy Whitehand, University of Birmingham, United Kingdom

Organizing Committee

Anna Rita Donatella Amato, 'Sapienza' University of Rome, Italy
Alessandro Camiz, 'Sapienza' University of Rome, Italy
Paolo Carlotti, 'Sapienza' University of Rome, Italy
Anna Irene Del Monaco, 'Sapienza' University of Rome, Italy
Matteo Ieva, Polytechnic of Bari, Italy
Marco Maretto, University of Parma, Italy
Nicola Marzot, University of Ferrara, Italy, and TU-Delft, The Netherlands
Dina Nencini, 'Sapienza' University of Rome, Italy
Giuseppe Strappa, 'Sapienza' University of Rome, Italy
Fabrizio Toppetti, 'Sapienza' University of Rome, Italy

Organizing Staff

Antonio Camporeale, 'Sapienza' University of Rome, Italy Giusi Ciotoli, 'Sapienza' University of Rome, Italy Marco Falsetti, 'Sapienza' University of Rome, Italy

Conference partners and sponsors

ISUF Italy, Italian Network of Urban Morphology
Portuguese-language Network of Urban Morphology
Nordic Network of Urban Morphology
Chinese Network of Urban Morphology
Turkish Network of Urban Morphology
U+D Urbanform and Design
Revista de Morfologia Urbana
Urban Morphology
Paesaggio Urbano - Urban Design

Contents

Foreword

Dina Nencini

plenary session 1 Rome as organism

Rome: the city that lived twice

Giancarlo Cataldi

City as a process. Rome urban form in transformation

Giuseppe Strappa

plenary session 2 Urban Morphology state of the art

Urban Morphology: taking stock

Jeremy Whitehand

The expanding universe of urban form (on the way)

Michael P. Conzen

plenary session 3 Architectural approaches in designing urban form

Terra

João Luís Carrilho da Graça

Density

Max Dudler

plenary session 4 Local networks forum

The ISUF LOCAL NETWORKS. Local Networks/ Global net-

work.

Marco Maretto

plenary session 5 **Urban Morphology and Design**

Saverio Muratori's archives

Nicola Marzot

Task force on practice and research

Ivor Samuels

Urban Morphology, design and development

Karl Kropf

Heritage and Historical Fabric

5.1 Historical Urban Fabric

pg. 43

The lacuna inside urban tissue. Values and design Daniela Esposito

Does History Matter? Morphological transformations of historic centers.

N. Charalambous, I. Geddes, C. Hadjichristos

Housing as a tool for city recovery. Luis C. Alonso de Armiño

The city around the Walls: The Theodosian Walls of Istanbul as a guiding urban element.

Figen Kivilcim Corakbas

Abandoned villages, from conservation to revitalization. Rossella de Cadilhac

Learning Process from Historic Urban Fabric of Ula and Adaptation in Akyaka. Feray Koca

5.2 Modern Architectural Legacy pg. 49

The concept of organism in Louis Kahn's work: why his architecture is still relevant today.

Elisabetta Barizza

The Three Block Project: Stasis and Transformation in an Urban Megaform.

Kevin James Eugene Murray

From disintegration to reinterpretation: Urban design in Montreal, 1950-2014.

François Racine

The rural tradition complex in the sacred and school architectures of Alfredo Lambertucci.

Pisana Posocco

Sacred space in the architecture of Dominikus Böhm (1880-1955). Geometric-functional analysis and structural morphology.

Giovanni Carbonara

Building Modern Como: contextual unbuilt projects by Giuseppe Terragni.

Luca Lanini

5.3 Modern and Contemporary Design in Historical Cities 1 pg. 55

The consecutio temporum in the contemporary-historical city design.

Fabrizio Toppetti

Shapes and layers. Kornelia Kissfazekas

A Comparative Study on Morphological Evolution of Innercity Residential Blocks in Tokyo and Beijing. Guan Li, Wu Zhouyan

Figure follows type. Notes above contemporary project in compact urban fabric.

Manuela Raitano

Research on Renewal Units of the Historic City under the Background of Integrated Conservation, taking the Old South of Nanjing as an example.

Peng Liu

Urban Integrations in historical centers during the Post-War Reconstruction. The Provincial Directorate od Posts and Telegraphs of Florence by Giovanni Michelucci. Lorenzo Bagnoli

5.4 Modern and Contemporary Design in Historical Cities 2 pg. 61

Chiaramonte Gulfi an experience of urban morphology. Renato Capozzi

The post - liberal city of the 19th century as a resource. Ida Pirstinger

Athens urban transformation.

Anna Ntonu

The architecture of the city contended between history and contemporary.

Giovanni Multari

Caniggia, Bollati and Vagnetti groups Chamber of Deputies.

Giancarlo Salamone, Illy Taci, Cristina Tartaglia

Urban tissues and masonry plastic language. Emanuele and Gianfranco Caniggia's Houses in Trinità dei Pellegrini. Antonio Camporeale

5.5 Architectural Heritage 1

pg. 67

Industrial morphologies: the historic London furniture industry and the new city of production.

Howard Davis

Transformation and specialization of the historical center of Santiago de Chile

Pia Marziano

The Planning Concept of Heritage Buildings at Baluwerti Surakarta, Central Java, Indonesia.

Nafiah Solikhah Thoha

Typo-morphological analysis of the Roman Block Forum on the western provinces.

Pedro Martins

Repairing urban fabric in pre-cast concrete panel construction - the rediscovery of the historic city during the last decade of the GDR.

Malte Michael Nettekoven

5.6 Architectural Heritage 2

pg. 72

Ruralist utopia & Modernity in Francos Spain: The pueblos de colonización, 1944-67.

Jean-François Lejeune

Four improving strategies for the current historical heritage renovation Case study of Suzhou Creek, Shanghai.

Zhengyu Li, Lu Huang

Architectural Heritage, Social Identity and Multi-Cultural Urbanism in Doha.

Shaibu Bala Garba, Djamel Bousaa

Defining Traditional Nigde House Typologies and Their Morphological Language in Ancient Inner Castle Area Nigde-Turkey.

Muge Ozkan Ozbek, M. Korcan Ozbek

Metamorphoses of Venice. The methodological approach by Giuseppe Samonà and Gianugo Polesello to urban design on the fringe of the lagoon city.

Angela Fiorelli, Giuliano Valeri

Tradition as an architectural topos: role and interpretation for the contemporary sustainable urban design.

Vito De Bellis

Landscape and Territory

5.7 Reading Contemporary Landscape pg. 79

For a new organic-city. Alessandra Capuano

Regional Morphology: The Impact of Coal-Mining on Regional Developments in Central UK.
Kimon Krenz

Industrial Landscape between Modernity and Tradition: what meanings to accompany change by the project? Rita Occhiuto, Paul Christian Hautecler

Territorial Planning: Vitória-ES, a case study. Aline Nogueira Costa, Luciano Muniz Abreu

Morphological mosaic of Brabant (Netherlands). Sukanya Krishnamurthy, Pieter Van Weselmael

Rurbanism/Urbanism/Meganism: toward different disciplines for different scales of human settlements and settlement fringes.

Adelaida Del Puerto García

5.8 Landscapes and Territories

pg. 85

The interpretation of the territory by Saverio Muratori. Silvia Tagliazucchi

Towards a social-ecological urban morphology: integrating urban form and landscape ecology.
Lars Marcus, Meta Berghauser Pont

Reticulation, Fabric weaving and Interfacing as interpretative lens to chart spaces of infrastructural mediation: a morphological approach to Lisbon Metropolis. João Rafael Santos

Socio-spatial transformations and townscape analysis in the tourist coastal region of Ecuador: new ways of life, new urban forms.

Ricardo Pozo

De la Plata river (Buenos Aires, Argentina): traces and new territories.

Viviana Colella

The «Prognoz Platform» based analytical tool and its use for conservation, protection and reproduction of urban forests in the city of Perm.

Svetlana Maximova, Didier Vancutsem, Ekaterina Meltcova

6.1 Urban Landscapes

pg. 91

Typological processes, urban landscape character and development control: the case of Auckland, New Zealand. Xi Zheng

The Valle d'Itria landscape: a morphological synthesis between rural and urban environment. Socio-building reading of the landscape scalar components. Nicola Scardigno

New forms of the urban space in relation to nature. A didactic experience for the city of Monopoli. Anna Bruna Menghini

Signage regulation: an overview behind the production of chaotic commercial landscapes in Brazil.

Vanessa Casarin

Narrating Helsinkis Kalasatama. Narrative Plotting, Genre and Metaphor in Planning New Urban Morphologies. Lieven Ameel

The fading of morphological conformity caused by street upgrading in arterial ribbon. Case study of Beijing Nanluo Guxiang in China. Leilei Song, Feng Song

6.2 Metropolitan Infrastructure

pg. 97

On Street Networks, Spatial Configurations and Morphogenesis: A Case Study in the Greater Montreal Region.
Pierre Gauthier

Linear Formations. Three emergent types of elements which structure the contemporary metropolitan territory.

João Silva Leite

Atlanta Beltline: Peripheral Interstitial Urbanism. Michael James Carroll

Study on spatial structure characteristics of intercity network based on the comprehensive intercity flow model: a case of Shanghai Metropolitan Area. Yuzhuo Wang, Junyan Yang

The effect of terrain on topological characteristics of street networks: evolution of Adriatic and Ionian coastal cities 1800-2010.

Ermal Shpuza

The Construction of Mountain-river Skeleton Based on Oriental Culture in Bengbu City.
Junyan Yang, Ying Tan

Sustainable Design and Urban Regeneration

6.3 Urban Regeneration 1

pg. 104

History in the Plan: why preserving the historic city pattern is key to preservation and urban character. Brenda Case Scheer

Practices after a Disaster: Geographical Narratives vs Territorial Dispersion. Lina Maria Calandra

Seismic vulnerability and urban morphology, tools for urban and building integration.

Edoardo Currà, Alessandro D'Amico, Malte Michael Nettekoven

A new analytical morphological method for urban conservation and regeneration.

Ye Zhang

Dramatic Changes in Urban Morphology: Urban Regeneration in Istanbul-Gaziosmanpaa.

Yasemin Erkan Yazici, Zeynep Ayse Goksin, Evrim Tore

The Lost and Gains in Chibi Citys Transformation The Reinterpretation of the Deconstruction of Historic Morphology of Chibi.

Yanfei Jia, He Yi

6.4 Urban Regeneration 2

pg. 110

Amor vacui/Amor pleni. Carlo Moccia

Exploring Design Approaches for Urban Regeneration of Brown Fields: a Case of Hazaribagh Tannery Area.

N. M. Esa Abrar Khan, Nabanita Islam, MD. Symum Hasan,

Ifat Sultana, MD. Lutfor Rahman

The great dimension housing complexes as a place for urban regeneration.

Lorenzo Diana, Edoardo Currà, Carlo Cecere

Harmonious or Monotonous: Urban Regeneration and the Form of Contemporary Urban Landscape.

Mohamed M. Fageir Hussein

Reading Warsaws complicated urban fabric. Aleksander Lupienko

From nature to the city and back: the case of Piazzale Clodio, Rome.

Rosalba Belibani, Deborah Lefosse, Eride Caramia

6.5 Conflicts and Contested Areas pg. 116

Urban form and social segregation: the case of Mazatlán. Vicente Colomer Sendra

Territories of Social (Dis)Order: criminal landscape and spatial dynamics of St. Petersburg 'neighborhoods'.

Marianna Muravyeva, Alexander Lukoyanov

Jerusalem: Urban Development in the last hundred years between Planned Growth and 'Spontaneous' Adaptations. Giuseppe Francesco Rociola

The meaning of urban form in conquering the West: the Brazilian case during the Vargas era (1930-1945). Lúcia Capanema Álvares, Maria Eduarda Galvão

The return of an interest in Typomorphology in South African Urban Design.

Henri Pierre Comrie

6.6 Informal Settlements

pg. 121

The Formal and the Informal City in Africa: Planning and Governance Dilemmas.

Geoffrey I. Nwaka

Spatial and organization patterns in informal settlements. A morpho-typological approach. Oscar Carracedo García-Villalba

The influence of site on settlements in Belo Horizonte: from slums to new housing developments.

Maria Cristina Villefort Teixeira, Staël de Alvarenga Pereira Costa, Marieta Cardoso Maciel

Understanding the City as a Whole: An Integrative Analysis of Rio de Janeiro and its Informal Settlements. Kimon Krenz, Fani Kostourou, Sophia Psarra, Caue Capille

Reading the form of informal Roma settlements in the light of everyday life.

Milena Grbic, Olivera Stankovic Grujicic

Informality of sprawl? Morphogenetic evolution in post-socialist Tirana.
Blerta Dino, Sam Griffiths, Kayvan Karimi

6.7 Sustainable Design and Technologies pg. 128

New Urban Patterns. Adaptations to sun and wind. Bengt Sundborg

Density and solar radiation in the historical urban fabrics: Colle Oppio neighbourhoods case in Rome. Michele Morganti

Microclimatic response of urban form in the Mediterranean context.

Agnese Salvati, Carlo Cecere, Helena Coch

Toward an Asian Sustainable Urbanism: A Comparative Study of Model Eco-city Projects in Japan and China. Zhongjie Lin

Study Planned Economy Based Urban Plot Distribution and Urban Fabric: Casing Center District in Nanjing. Lina Zhang, Wowo Ding

Evaluation, financing, planning and design of contemporary urban interventions.

Maria Rosaria Guarini, Nicola D'Addabbo, Marco Locurcio

6.8 Sustainable Design

pg. 134

Sustainable Planning Framework: Case Study New Delhi. Amit Sarma

Ecological pattern mode of landscape city on the basis of habitat networks.

Ying Tan, Qingshan Yao

Mediterranean Cities and Gardens. Structures and Sustainability.

Giulia Annalinda Neglia

Using Urban Ecology to Design a Sustainable Vision for Our Future Eco-Cities.

Edmund Horan

New experimental stone buildings: research, teaching and construction.

Giuseppe Fallacara, Daniele Malomo

Merging Maki's group-form with the design structure matrix for a new methodological approach to real estate planning.

Nicola D'Addabbo/ Valentino Danilo Matteis

Urban Form Reading and Design

7.1 Urban Knots

pg. 141

Knottings. Marco Falsetti

Commemorating the Past and Constructing the Future: Checkpoint Charlie. Andreas Luescher

From node to network. Knotting process in the modern tradition of postal palaces.
Susanna Clemente

The development of property and land ownership by the Ursulines of Trois-Rivières: The monastery and the city. Cynthia Aleman

Morphological Interaction of the Bazaar and City in Iran, Past and Present. Ario Nasserian, Kiumars Poursamimi, Valeriya Klets

7.2 New Trends in Urban Design pg. 146

Learning in Las Vegas: Urban Gaming. Maria del C. Vera, Susanna Newbury

Single-family housing developments at Small Spanish Cities: the case of Toledo.

Jose Mde Ureña, Eloy Solis, Borja Ruiz-Apilanez, Inmaculada Mohino, Mayte Arnaiz

Evolutionary design for BiOrganic Architecture. Alessandra Capanna

From urban industrial heritage to comprehensive community. The case study of Redtown in Shanghai. Zhenyu Li, Yuqing Hu

Slow City Movement as a New Approach in Urban Conservation: Case of Seferihisar, Turkey. Deniz Yilmaz, Müjgan Karatosun

New wave of mosque building in urban traditional forms. Ario Nasserian

7.3 Public Space 1

pg. 152

Open spaces as originary places. Italian piazza. Dina Nencini

The Italian Piazza: a Model for Comprehensive Analysis. Donald Crner, Jenny Young

A Metropolitan Region, a River and two Cities - Public Space as a Solution - Vila Nova de Gaia and Porto.

Diana Almeida Silva

Defining Street Boundaries. Alice Vialard

Regeneration of the Bloemfontein City Square. Joseph Johannes Steyn

7.4 Public Space 2

pg. 157

"Public Open Space" as a generator of urban forms in the viceroyalty of New Spain.
Tarsicio Pastrana Salcedo

Retail Management to Revitalize Inner Cities. Big Boxes and Detachted Centers. Silke Weidner, Tanja Korzer

The morphology of urban corridors in Mexico City. Milton Montejano Castillo

Post shopping commerce. New urban patterns of commercial activities.

Alessia Allegri

Imagining new forms. Urban morphology and design practice.

Michele Beccu

Imageability, image building forces and phases, and everyday choices of Utopia the immaterial urban heritage of Rio de Janeiro.

Thereza Christina Carvalho, Alex Assunção Lamounier

7.5 Modern and Contemporary Urban Fabric 1 pg. 163

The micromorphology of the street interface urban conservation and change in the London terrace and the Manhattan row house.

Garyfalaia Palaiologou, Laura Vaughan

Dynamics of Chinatowns evolution in Australia: new visions for urban life?

Hing-wah Chau, Karine Dupre, Bixia Xu

The impact of Iranian architecture parameters in the urban complex design of Shahestan Pahlavi in Theran by Louis I. Kahn, Kenzo Tange, Arata Isozaki.

Maesoomeh Arabi

Urban Morphology and Land Values in the CBD of Izmir, Turkey.

Ayşe Sema Kubat, Emine Duygu Kahraman

Changes in the urban morphology of Monteruscello city. Federica Visconti

7.6 Modern and Contemporary Urban Fabric 2 pg. 168

Relationship between specializing building and urban form: changes and transformations of the contemporary world. Gian Luigi Maffei

Revitalizing Social Behavior through Build and Unbuilt Environment.

Aparna Sudhakar Parate

Urban morphology of Murcia (Spain) in the twentieth century. Compactness and density of the urban fabrics. Fernando Miguel García Martín

New possibilities and challenges of the gallery apartments renaissance in Shanghai.

Zhenyu Li, Hongyuan Hu

Typological approaches of the modern cities (heritage of the k. und k. period).

Eva Lovra

Morphological research in the process of design: Expert Focus Group.

Paul Sander, Doug Baker

7.7 Typological Process

pg. 174

A case for mezzanine: guidelines for the evolution of Montreals tenements.

François Dufaux

The houses of two realms.

Decio Rigatti

Morphological change within residential areas: a Turkish

Tolga Ünlü

A New Urban Topography of Residential Artificial Grounds in Korean Cities.

Hee-Seok Kim, Hyo-Jin Kim, Seongwoo Nam

Vertical tissue: typological interpretation of the skyscraper. Pina Ciotoli

7.8 Urban Growth

pg. 179

An Evolutionary Model for Urban Development. Mohammed Makki

Neo-Liberalist Political Ideology as Influencing factor in Transformation of Indian Urban Form.

Rupali Dhananjay Kavilkar, Ravindra Deshmukh

Taming the Sprawl: Growth of a peri-urban city and policy response.

Samuel Dekolo, Leke Oduwaye, Immaculata Nwokoro

Growth and transformation of Salerno. From the dissolution to the recomposition of the urban fabric.

Annarita Teodosio, Simona Talenti

Reading and Redesigning of District Tafoura in Centre of Algiers.

Fara Hadji, Leina Meriem Hadji, Quenza Bougherira

Urban Morphometrics: Towards a Science of Urban Evolution.

Sergio Porta, Jacob Leonard Dibble, Mark Pagel, Ombretta Romice

Urban Morphology Theories and Methods

8.1 Urban Form and Theories

pg. 186

Morphological route structure analysis: an integrated approach to infrastructure and urban tissue. Karl Kropf

The crisis of the common rationality in the contemporary

Nicola Marzot

The morphological relationship between the plot pattern and street facade in the new urban area of Nanjing, China. Quan Liu, Ziyu Tong

The urban event. The city as a complex system far from equilibrium.

Sara María Boccolini

A New Theory of Urban Design Revisited: Organic Order and the City as a Growing Whole.

Hans Joachim Neis

The form of the European city in the work made by Karl Gruber (1885-1966). Gianluca Gnisci

8.2 Urban Form and Meanings 1 pg. 192

Comparative analysis of neighbourhoods inhabited by Jews in pre-war central Poland.

Malgorzata Hanzl

Geographies of the Mediterranean city: the meaning of urban forms.

Mariangela Turchiarulo

The problem of subjective individualism in the future of European cities in the 21st century. Dialectic synthesis between urban aisthesis and linguistic-architectural identity. Matteo leva

Clustering Places. Glen Wash Ivanovic

Collective Behaviors: Memory and Morphology. Jeffrey S. Nesbit

Urban Morphological Study Based on the Plot's Character Index.

Lian Tang, Wowo Ding

8.3 Urban Form and Meanings 2 pg. 198

Green Structure of Stockholm and Xian: from a historical perspective.

Na Xiu, Maria Ignatieva

Healthy and sustainable cities: the communication of an identity and its implications for the city taken both as body and as field.

Paula Vilhena Carnevale Vianna, Sanmya Feitosa Tarja

The language of the city: from real matter to iconic expression.

Antonio Vito Riondino

Buildings as beasts, cities as jungles. An issue between poetics and politics.

Luca De Vitis

Urban Form as Storyteller.

Andong Lu

Postwar reconstruction of Mainz as reflection on form and meaning of the traditional city.

Maria Irene Lattarulo

8.4 Reading Urban Form 1

pg. 204

An operative experience of urban morphology: Mazatlán, Mexico, January-February 2015.

Giancarlo Cataldi, Jacopo Montemagni

Study of Liegis types and specialized buildings. Giulia Pulimeno, Elena Savino, Matteo Ieva

The study on evolution of shanghai urban living morphology based on the change of urban fabric.
Fan Ding

Typo-morphological Assessment of Ludlow. Nevter Zafer Cömert, Sebnem Hoskara, Naciye Doratli

The urban forms of contemporary Rome. Massimo Zammerini

Lost in Realization. Spatial Fragments of Grand Urban Design Plans in the Industrial Age. Karsten Ley

8.5 Reading Urban Form 2

pg. 210

Philadelphia. Studio di una metropoli. Alessandra Passiatore

A Typomorphological ApproachStudy on Village Morphology in the South of Jiangsu Area, China. Qian Li, Wowo Ding

The evolution of Chinese urban morphology under the influence of mega-events (1865 - 1949). A case study of Nanking.

Han Lu, Jin Duan

Morphological characters of intramoenia Granada: a neoconzenian approach.

Roberta Perria

Learning from Japan. Lina Malfona

The Morphological Effect of Public Transportation Systems on Cities: Urban Analysis of Transit-Oriented Developments (TOD) in Swedish Cities.
Todor Stojanovski

8.6 Urban Morphology Methods 1 pg. 216

The Conceptual basis of the Italian School of Urban Morphology and its application to a case study in Brazil.

Staël de Alvarenga Pereira Costa, Maria Cristina Villefort Teixeira, Marieta Cardoso Maciel, Maria Manoela Gimmler Netto

The City Urban Layout: reading and project. Sérgio Padrão Fernandes

The effect of time in urban fabrics. A reading of cultural strata.

Carlos Dias Coelho

A pattern language for the human-animal interface. Qingyu Gong, Ya Li, Jingzhu Li, Tong Liu, Linlin Wu

Milano Verde, order against disorder. Francesco Menegatti

Connectivity, density and built form: integrating 'Spacemate' with space syntax.

Meta Berghauser Pont, Lars Marcus, Per Haupt, Pablo Miranda Carranza

8.7 Urban Morphology Methods 2 pg. 222

The Nature and Development of Urban Form. From a metabolic perspective into an urban hybridity perspective.

Teresa Marquito Marat-Mendes

Identified and modeled elements of urban fabric in academic works of students.

Dalia Diiokiene

Reading Liegi's urban and aggregative organism. Roberta leva, Rossana Natale, Matteo leva

The implementation of pattern recognition in urban morphology.

Nil Tuzcu, Cagri Hakan Zaman

Methods for historical city design. On Gianfranco Caniggia's selected essays.

Alessandro Oltremarini, Marta Burrai

An Organic Method of Village Rehabilitation through the Reconstruction Archetype Based on Traditional Houses. Kousuke Masuo

8.8 Fringe Belt Analysis

pg. 228

Extending fringe-belt research in China. Kai Gu, Jeremy Whitehand, Susan Whitehand

Exploring the convergence of fringe belt theory and space syntax laws.

llaria Geddes, Nadia Charalambous, Christos Hadjichristos

City limits, Fringe belts: recent studies on the architecture of the city and beyond.

Anna Irene Del Monaco

Radial fringe formation.

Daan Lammers, Pieter van Wesemael, Ana Pereira Roders

Fringe belts of the city of Yeniseisk as a resource for the historical renovation.

Irina Kukina

Morphology of urban organism in Cyprus. The effect of borders and political changes in the fringe belts of Girne, TRNC. Alessandro Camiz, Alessandro Bruccoleri

Local Networks forum pg. 235

Arab Gulf Network of Urban Morphology The Morphology of the Transient Cities in the Arabic Gulf Attilio Petruccioli

Chinese Network of Urban Morphology Wowo Ding/ Andong Lu Four Views on Chinese Morphology Wowo Ding

Italian Network of Urban Morphology The notion of process in designing historical centers Paolo Carlotti

Serbian Network of Urban Morphology
Contemporary architectural and urban design practice
in Belgrade and Serbia through the perspective of urban
morphology approach

Ana Niković/ Božidar Manić/ Vladan Đokić/ Mirjana Roter Blagojević

Turkish Network of Urban Morphology Morphogenetic survey on the transformation of a political center to a transportation hub: Taksim & Gezi park, Istanbul Ayşe Sema Kubat/ Belgin Gümru/ Özlem Özer/ Görsev Argın

Spanish Network of Urban Morphology Establishment of the Isuf-Hispanic (Isuf-H)regional group Vicente Colomer Sendra

Polish Network of Urban Morphology Marketplaces as particularly active urban public spaces Monika Gołąb-Korzeniowska/ Anna Agata Kantarek

Portuguese-language Network of Urban Morphology Urban Planning in Portugal: a review Vítor Oliveira/ Teresa Marat-Mendes

New Researchers forum pg. 247

Utility of urban morphology studies for the design process: some educational experiences
Alessandro Camiz

Comparing different morphological approaches Vítor Oliveira / Cláudia Monteiro / Jenni Partanen

Serbian Network of Urban Morphology Contemporary architectural and urban design practice in Belgrade and Serbia through the perspective of urban morphology approach

Ana Niković/ Božidar Manić/ Vladan Đokić/ Mirjana Roter Blagojević

Institute of Architecture and Urban&Spatial Planning of Serbia, Belgrade, Serbia University of Belgrade – Faculty of Architecture, Belgrade, Serbia

By analysing the contemporary architectural and urban design practice in Belgrade and Serbia the challenges in urban development can be identified and explained through the perspective of an urban morphology approach. The majority of these challenges are as a result of an inadequate relationship between different scales of professional interventions in built environment, as well as, an ineffective relationship between theory and practice. It should be noted that due to these challenges in urban development, the role of architects and professionals involved in urban designing and planning has been questioned. The findings indicate an emerging belief for the need for improved dialogue between professionals in relation to urban development in Serbia, as well as, interaction with wider professional networks. The general issues have already been expanded upon through the discourse of urban morphology and can result in the drafting of guidelines for further improvement of designing and planning practice in Belgrade and Serbia. The principal issues the urban morphology network in Serbia would be faced with are: consolidating up-to-date research and contributions; translating the key references and Glossary present within the Urban Morphology discourse; integrating theoretical and applied knowledge - developing a common morphological language - as a conceptual framework applicable to various typologies and urban tissues; providing a better understanding of the complex phenomenon of urban form; and introducing the morphological dimension to plans, that is, the concept of form into planning.

239

References

Bobić, M. (1990-1993) Morfologija mesta, trinaest eseja o arhitekturi. (Amsterdam-Beograd, rukopis) [Morphology of place, thirteen essays on architecture. (Amsterdam-Belgrade, manuscript)]

Cvijić, J. (1922) Balkansko poluostvo i južnoslovenske zemlje I, II [Balkan Peninsula and South Slavic countries I, II] Beograd: Državna štamparija Kraljevine Srba, Hrvata i Slovenaca. Cvijić, J. (1924) Geomorfologija [Geomorphology] Beograd: Državna štamparija Kraljevine Srba, Hrvata i Slovenaca.

Gajić, R. (2015) 'Urban morphology as a tool for exploring the land use in residential areas /Example of New Belgrade – Serbia', Spatium 33, pp.

Đokić, V. (2009) Urban Typology: City Square in Serbia. Belgrade: University of Belgrade, Faculty of Architecture.

Đokić, V. (2009) 'Morphology and typology as a unique discourse of research', Serbian Architectural Journal, pp. 107-130.

Đokić V. (2007) 'Morfološka istraživanja u urbanizmu' ['Morphological researches in urbanism'], Arhitektura i urbanizam, 20/21, pp. 61 – 72.

Đokić V. (2004) Urbana morfologija - grad i gradski trg [Urban morphology – city and city square] Beograd: Arhitektonski fakultet Univerziteta u Beogradu.

Kojić, B. (1970) Varošice u Srbiji XIX veka [Small towns in Serbia in XIX century] Beograd: Građevinska knjiga,

Kojić, B. (1976) Stari balkanski gradovi, varoši i varošice [Old Balkan cities, towns and small towns] Beograd: Izdavačko informativni centar studenata.

Kurtović-Folić, N. (1994) 'Primena tipologije arhitektonskih oblika u projektovanju' [Application of typology of architectural shapes in design], DANS 11, pp. 19-20.

Macura, V. (1983) Urbano planiranje u Srbiji XIX i XX veka [Urban planning in Serbia in XIX and XX centuries] Beograd projekt – Centar za planiranje urbanog razvoja. Maksimović, B. (1978) Idejni razvoj srpskog urbanizma. Period rekonstrukcije gradova do 1914. [Conceptual development of Serbian urbanism. The period od town reconstruction until 1914.] Beograd: Srpska akademija nauka i umetnosti.

Milenković B. (1994) Pravila građenja [Building rules] Beograd: Arhitektonski fakultet Univerziteta u Beogradu.

Milenković B. (1982) Nauka o prostoru [Science on space] Beograd: Arhitektonski fakultet Univerziteta u Beogradu.

Niković, A., Đokić, V. and Manić, B. (2014) 'Morphological dimension of municipal plans: case study of Belgrade, capital of Serbia', In: Oliveira, V., Pinho, P., Batista, L., Patatas, T. and Monteiro, C. (Eds.), Our common future in Urban Morphology. 21st International Seminar on Urban Form. Porto: FEUP, Portugal, pp. 1568-1577.

Niković, A., Đokić, V. Marić, I. (2014) 'Revising the position of a city block within the morphological frame of a traditional city: contemporary perspectives', Spatium 31, pp. 1-6. Pušić, Lj. (1991) Grad: znaci vremena [City: signs of time] Novi Sad. Matica srpska.

Pušić, Lj. (1995) Čitanje grada između duha i materije [Reading the city between spirit and matter] Novi Sad: Prometej.

Perović, M. (2008) Iskustva prošlosti [Experiences of the past] Beograd: Građevinska knjiga.

Radović, R. (1972) Fizička struktura grada [Physical structure of the city] Beograd: Institut za arhitekturu i urbanizam Srbije.

Radović, R. (2003) Forma grada [Form of the city]. Beograd: Orion art.

Tošković, D. (2000) Urbani dizajn [Urban design]. Banjaluka: Urbanistički zavod Republike Srpske.

N. M. Esa Abrar Khan (111, 114)

Cynthia **Aleman** (144) Alessia **Allegri** (160) Diana **Almeida Silva** (154) Luis C. **Alonso de Armiño** (45)

Lieven Ameel (95) Maesoomeh Arabi (165) Görsev Argın (241) Mayte Arnaiz (147)

Zeynep Ayse Goksin (108)

Doug Baker (173) Shaibu Bala Garba (74) Lorenzo Bagnoli (60) Elisabetta Barizza (49) Michele Beccu (161) Rosalba Belibani (115)

Meta **Berghauser Pont** (86, 221) Sara María **Boccolini** (189) Quenza **Bougherira** (183) Djamel **Bousaa** (74)

Alessandro Bruccoleri (233)

Marta Burrai (226)

Nadia Charalambous (44, 229) Lina Maria Calandra (105) Alessandro Camiz (233, 248) Antonio Camporeale (66) Lúcia Capanema Álvares (119) Alessandra Capanna (148)

Caue Capille (125)
Renato Capozzi (61)
Alessandra Capuano (79)
Eride Caramia (115)
Giovanni Carbonara (53)

Marieta Cardoso Maciel (124, 216)

Paolo Carlotti (238)

Oscar Carracedo García-Villalba (123)

Pablo Miranda Carranza (221) Michael James Carroll (99) João Luís Carrilho da Graça (36) Thereza Christina Carvalho (162)

Vanessa Casarin (94)
Giancarlo Cataldi (32, 204)
Carlo Cecere (112, 130)
Hing-wah Chau (165)
Giusi Ciotoli (178)
Susanna Clemente (143)
Helena Coch (130)
Carlos Dias Coelho (218)

Viviana Colella (89) Nevter Zafer Cömert (207) Henri Pierre Comrie (120) Donald Corner (154) Edoardo Currà (106, 112) Nicola D'Addabbo (133, 139) Alessandro D'Amico (106)

Howard **Davis** (67)

Staël **de Alvarenga Pereira Costa** (124, 216)

Vito **De Bellis** (77)

Rossella **de Cadilhac** (47)

Luca **De Vitis** (201)

Anna Irene **Del Monaco** (230) Adelaida **Del Puerto García** (84)

Samuel **Dekolo** (181) Ravindra **Deshmukh** (180) Rupali **Dhananjay Kavilkar** (180)

Lorenzo Diana (112)

Jacob Leonard Dibble (184)

Dalia **Dijokiene** (223) Fan **Ding** (206)

Wowo **Ding** (132, 197, 211, 237)

Blerta **Dino** (127) Vladan **Đokić** (239) Naciye **Doratli** (207) Jin **Duan** (212) Max **Dudler** (37) François **Dufaux** (174) Karine **Dupre** (165)

Emine **Duygu Kahraman**(166) Yasemin **Erkan Yazici** (108)

Daniela **Esposito** (43)

Mohamed M. Fageir Hussein (113)

Giuseppe **Fallacara** (138) Marco **Falsetti** (141) Sanmya **Feitosa Tarja** (199)

Angela Fiorelli (76)

Maria Eduarda Galvão (119)

Fernando Miguel García Martín (170)

Pierre Gauthier (97) Ilaria Geddes (44, 229)

Maria Manoela Gimmler Netto (216)

Gianluca Gnisci (191)

Monika Gołąb-Korzeniowska (244)

Qingyu **Gong** (219) Milena **Grbic** (126) Sam **Griffiths** (127)

Olivera Stankovic Grujicic (126)

Kai **Gu** (228)

Maria Rosaria Guarini (133)

Belgin **Gümru** (241) Fara **Hadji** (183) Leina Meriem **Hadji** (183) Christos **Hadjichristos** (44, 229) Cagri **Hakan Zaman** (225) Malgorzata **Hanzl** (192) MD. Symum **Hasan** (111) Per **Haupt** (221)

Paul Christian **Hautecler** (81) Edmund **Horan** (137) Sebnem **Hoskara** (207) Hongyuan **Hu** (171) Yuqing **Hu** (149) Lu **Huang** (73)

Matteo leva (194, 205, 224)

Roberta **leva** (224) Maria **Ignatieva** (198) Nabanita **Islam** (111) Glen Wash **Ivanovic** (195)

Yanfei **Jia** (109)

Anna Agata **Kantarek** (244) Müjgan **Karatosun** (150) Kayvan **Karimi** (127) Hee-Seok **Kim** (177) Hyo-Jin **Kim** (177)

Figen Kivilcim Corakbas (46) Kornelia Kissfazekas (56) Valeriya Klets (146) Feray Koca (48) Tanja Korzer (158) Fani Kostourou (125) Kimon Krenz (80, 125) Sukanya Krishnamurthy (83)

Karl Kropf (40, 186)

Ayşe Sema **Kubat** (166, 240)

Irina **Kukina** (232) Daan **Lammers** (231)

Alex Assunção Lamounier (162)

Luca **Lanini** (54)

Maria Irene **Lattarulo** (203) Deborah Chiara **Lefosse** (115) Jean-François **Lejeune** (72)

Karsten **Ley** (209) Guan **Li** (57) Jingzhu **Li** (219) Qian **Li** (211) Ya **Li** (219)

Zhenyu **Li** (149, 171) Zhengyu **Li** (73) Zhongjie **Lin** (131) Peng **Liu** (59) Quan **Liu** (188) Tong **Liu** (219) Marco **Locurcio** (133) Eva **Lovra** (172) Andong **Lu** (202, 237)

Han **Lu** (212)

Andreas Luescher (142) Alexander Lukoyanov (117) Aleksander Lupienko (114) Gian Luigi Maffei (168) Mohammed Makki (179) Lina Malfona (214) Daniele Malomo (138)

Božidar **Manić** (239) Lars **Marcus** (86, 221) Marco **Maretto** (38)

Teresa Marquito Marat-Mendes (222, 245)

Pedro Martins (70) Pia Marziano (68) Nicola Marzot (41, 187) Kousuke Masuo (227)

Valentino Danilo Matteis (139)
Svetlana Maximova (90)
Ekaterina Meltcova (90)
Francesco Menegatti (220)
Anna Bruna Menghini (93)
Carlo Moccia (110)
Inmaculada Mohino (147)
Caludia Monteiro (249-251)
Milton Montejano Castillo (159)
Jacopo Montemagni (204)
Michele Morganti (129)
Giovanni Multari (64)
Luciano Muniz Abreu (82)
Marianna Muravyeva (117)

Seongwoo **Nam** (177) Ario **Nasserian** (145, 151) Rossana **Natale** (224) Hans Joachim **Neis** (190) Giulia Annalinda **Neglia** (136) Dina **Nencini** (26-31, 152)

Kevin James Eugene Murray (50)

Jeffrey S. **Nesbit** (196) Malte Michael **Nettekoven** (71, 106)

Susanna **Newbury** (146) Ana **Niković** (239)

Aline Nogueira Costa (82)

Anna **Ntonou** (63) Geoffrey I. **Nwaka** (121) Immaculata **Nwokoro** (181)

Rita Occhiuto (81)

Leke **Oduwaye** (181)

Vitor Manuel Araujo Oliveira (245, 249-251)

Alessandro **Oltremarini** (226) Muge Ozkan **Ozbek** (75) M. Korcan **Ozbek** (75) Özlem **Özer** (241)

Sérgio Padrão Fernandes (217)

Mark Pagel (184)

Garyfalaia **Palaiologou** (163) Aparna Sudhakar **Parate** (169) Jenni **Partanen** (249-251)

Alessandra **Passiatore** (210)

Roberta Perria (213) Attilio Petruccioli (236) Ida Pirstinger (62) Sergio Porta (184) Pisana Posocco (52) Kiumars Poursamimi (145)

Ricardo Pozo (88) Sophia Psarra (125) Giulia Pulimeno (205) François Racine (51) Manuela Raitano (58) MD. Lutfor Rahman (111) Decio Rigatti (175)

Antonio Vito **Riondino** (200)

Giuseppe Francesco Rociola (118)

Ana Pereira **Roders** (231) Ombretta **Romice** (184) Mirjana **Roter Blagojević** (239) Borja **Ruiz-Apilanez** (147) Giancarlo **Salamone** (65) Tarsicio Pastrana **Salcedo** (157)

Agnese **Salvati** (130) Ivor **Samuels** (39) Paul **Sanders** (173) João Rafael **Santos** (87) Amit **Sarma** (134)

Elena **Savino** (205) Nicola **Scardigno** (92)

Brenda Case **Scheer** (104)

Vicente Colomer Sendra (116, 242-243)

Ermal **Shpuza** (101) João **Silva Leite** (98) Eloy **Solis** (147) Feng **Song** (96) Leilei **Song** (96)

Joseph Johannes **Steyn** (156)

Todor **Stojanovski** (215) Giuseppe **Strappa** (33) Ifat Sultana (111)

Bengt Ake **Sundborg** (128)

Illy **Taci** (65)

Silvia **Tagliazucchi** (85) Simona **Talenti** (182) Ying **Tan** (102, 135) Lian **Tang** (197) Cristina **Tartaglia** (65) Annarita **Teodosio** (182) Nafiah Solikhah **Thoha** (69)

Ziyu **Tong** (188) Fabrizio **Toppetti** (55) Evrim **Tore** (108) Nil **Tuzcu** (225)

Mariangela Turchiarulo (193)

Tolga **Ünlü** (176) Jose Mde **Ureña** (147) Giuliano **Valeri** (76)

Pieter van Wesemael (83, 231)

Didier Vancutsem (90) Laura Vaughan (163) Maria del C. Vera (146) Alice Vialard (155)

Paula **Vilhena Carnevale Vianna** (199) Maria Cristina **Villefort Teixeira** (124, 216)

Federica **Visconti** (167) Yuzhuo **Wang** (100) Silke **Weidner** (158)

Jeremy **Whitehand** (34, 228) Susan **Whitehand** (228)

Linlin **Wu** (219) Bixia **Xu** (164) Na **Xiu** (198)

Junyan **Yang** (100, 102) Qingshan **Yao** (135)

He Yi (109)

Deniz **Yilmaz** (150) Jenny **Young** (154) Massimo **Zammerini** (208)

Lina **Zhang** (107) Ye **Zhang** (132) Xi **Zheng** (91) Wu **Zhouyan** (57)