BOOK OF ABSTRACTS

24th ISUF International Conference
Valencia 2017. 27, 28, 29 September

City and territory in the Globalization Age
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City and territory
in the Globalization Age
International Seminar on Urban Form

Proceedings of the International Seminar on urban form 24th ISUF 2017

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International Seminar on urban form 24th ISUF 2017
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PRESENTATION

The XXIV ISUF Conference in Valencia will examine urban morphology by exploring two dialectical relationships.

The first concerns global versus local issues. The significance of this relationship is embedded in the structure of many of the papers presented. Most of them seek to clarify, in some way, concepts, methods, sources or techniques, or combinations of these. They have commonalities with, and take a global approach to, the different disciplines concerned with urban morphology. However, for the most part they demonstrate applications to local environments.

The second concerns the dialectical relationship between research and practice. Two aspects are particularly evident in these papers. There is the description of urban forms, especially with regard to general principles relating to their arrangement and development. Then there is the recognition of the strengths and weaknesses of these physical outcomes, leading to recognition of social and environmental flaws, and consideration of the bases and means of rectifying these in practice.

In this light, we enter this Conference mindful of four principles pertaining to the future of ISUF as a forum for urban research and practice.

1. That various types of urban planning and design can be improved by deepening understanding of morphological configurations of urban space by applying global knowledge.
2. That the reading of the morphological configuration of urban space acquires especial value when its effectiveness is demonstrated locally.
3. That to achieve high quality living environments we must study social behaviour, adjust urban programmes and improve the design of public spaces.
4. That achieving sustainable balanced urban environments requires the regulation of space, respecting antecedent forms in scale, proportions and materials.
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URBAN MORPHOLOGY
W1
Parallel sessions, Wednesday 27 September 2017 - Morning

Morphological evolution of the fringe-belts of Krasnoyarsk
Elena Logunova

Building a timeline, developing a narrative: visualizing fringe belt formation alongside street network development
Horia Greben, Nadia Charnelambous

City border in-between: Infrastructure as a potential of Urban Regeneration
Yishan Fei

Transforming housing areas: New morphologies in the fringes of Trabzon
Beyza Karadeniz, Yelda Aydin Tırık

Future scenario’s for post-industrial Eindhoven. A fringe-belt perspective
Daan Lammers, Ana Pereira Roders, Pieter van Wezemael

Perceptive approaches to the morphological characterization of the urban contour: The case of the peri-urban landscape of Madrid
J. Rodríguez Romero, Carlota Sánchez de Tejada Granados, Rocío Sanz-Tomás Muñoz

The evolution of blocks in Tianjin on historical maps since 1940s
Liu Xiaoyu, Zheng Ying

Negotiating frontage: alignment plan and cadastrre
Alice Vihrd

Plot structure and housing form: Pierre Le Muet vs Athanasio Genaro
Luis Alonso de Armiño Pérez, Gonzalo Vicente-Altamir Pérez de Peitino, Vicent Cassany i Llopis

Growing and sewing: Comparative study of urban fabric evolvement in Shanghai and Berlin
Yanqi Yao, Zhenyu Li

Research of the morphological types of urban blocks in the old city of Nanjing
Huiqian Liu

Spatial structure in Chinese and Japanese cities: A comparative study of the supergrid and superblock structure
Xiaofei Che

The differentiated application of morphological instruments which may be innovatively used in the regeneration of areas, affected by environmental disaster
Staël de Alvear Garca, Maria Cristina Vilelfon, Macieta Cardoso, Maria Manuela Gimmelen, Raphael Quirrez

Topological analysis of contemporary morphologies under conflict: The urban transformation of Dobrinja in Sarajevo
Inés Aquilué, Espanólo Rocas, Javier Ruiz

Making a sustainable network-community for refugees from the Fukushima nuclear plant disaster in a stable historic castle town and region
Suguro Sato
XXIV ISUF VALENCIA CONFERENCE

Post-disaster territorial reconstruction methodologies: a focus on L’Aquila city, Italy, 7 years after the Abruzzo earthquake
Tomoyuki Manhiko

Examining the role of urban form in supporting rapid and safe tsunami evacuations: a multi-scalar analysis in Viña del Mar, Chile
Jorge León, Cyril Molenaar, Carolina Fernández

Urban contrast of two cities from globalization.
Gentrification, socio-cultural and economic aspects in Mexico and Valencia
Maria Gudalupe Valitas Varela, Arturo Espada Caballero

New urban forms and computational design: exploring the open block (lot ouvert)
José Carpio-Pinedo, Guillermo Ramírez, Salas Mones, Patxi J. Lamikiz

The Hybrid Block as Urban Form
Javier Pérez Iñúñada

Increasing exclusiveness and dissolution of publicness:
Proliferating apartment complexes within the low-rise residential area in Seoul
Seo Won Hwang, Hyo Jin Kim

The substratum permanent structures of Roman Valencia
Giancarlo Catalfi, Vicente Mas Llorens

Defining typological process in the transformation of Turkish house
Daulla Okcine, Fei Chen

Qingdao modern historical building type zones and evolution under the multi-culture effect
Jiang Zhengliang

Visual analysis as a tool for urban intervention comparative studies
Ana Elena Bulles, Leonardo Correa, Diana Carolina Guzmán

Quantitative methods of urban morphology in urban design and environmental psychology
Irem Erin, Giovanni Fasce, Ebru Cubukcu, Alessandro Araldi

The Mexico City Metropolitan Area (MCMA), development and urban form by 2040: Analysis of policy scenarios using an urban simulation model
Roberto Ramírez Hernández

A quest to quantify urban sustainability. Assessing incongruous growth
Malgorzata Hanus, Lía María Dias Bezerra, Anna Aneta Tomczak, Robert Wazza

From the street: a new perspective on urban form via moving image in Tokyo’s streets
Zhouyan Wu, Marco Reggiani, Li Gun

Using Grasshopper and UNA as tool in walkability-oriented urban form design
Shichen Xu

Regeneration of open public spaces as a tool of the development programs for social and sustainable cities
Iana Chui

Understanding cycling in Quito through the lens of social practice theory
José Antonio Vivanco

Morphological recognition of vacant spaces: For a better understanding of contemporary urban form - Case study Barreiro
Emanuel Augusto Meneses dos Santos

City and territory in the Globalization Age

Morpho-based study on urban street spatial configuration: The case of Nanjing city, China
Lian Tang, Jiaojiao Miao, Wowe Ding

Spatial distribution of economic activities in heritage cities:
The case of the historic city of Toledo, Spain
Botija Ruiz-Apilanz, Eloy Solís, Irene García-Camacho, Vicente Romero de Ávila, Carmen Alis, Raúl Martín

The social structure and physical form of the state-owned farm in north-east China
Hongqin Fu, Xinjia Li, Meng Yang

The industrial architecture of Mauro Lleó in the growth of the modern Valencia
Carmen Martínez Gregori

Concept of creative industries within the creative city and its implications on the urban form
María Piccizza

Analysis on the adaptability and reuse of industrial heritage based on the renewal of old industrial base in Harih
Wen Gu, Zhenyu Li

Between the heritage and the contemporaneity of the industrial city of Alcoy
Mate Palomares Figueras, Ciro Vidal Climent, Ivo Vidal Climent

The urban context of industrial heritage: A design and development perspective
Marc W. Mauch

Influence of energy paradigm shifts on city boundaries.
The productive peripheries of Madrid
Carlota Síenz de Tejada Granados, Eva J. Rodríguez Romero, Rocio Santo-Tomàs Maro

The maritime walk: From urban to natural landscape
Ignacio Bosch Reig, Luis Bosch Reig, Valeria Marcenac, Nuria Salvador Luñán

The place of waters in peripheral urban areas:
The case of the Parque Novo Santo Amaro V
Luciano Albarracín del Silva, Angeles Taras Benami Alvim

Urban form of shipping port cities: a case study of Donggang
Chih-Hung Chen, Pei-Wen Wu

Tourist settlements and form of the collective space:
El Veril (Gran Canaria) vs. Cullera (Valencia)
Pablo Ley Bosch, Rafael Ternes Cardovez

The impact of bridges on spatial transformation of urban pattern:
The case of Golden Horn, Istanbul
Demet Yesiltep, Ayse Sema Kubat

Insertion of urban space in natural landscape: the case of Almassora
Nuria Salvador Luñán, Ana Navarro Bosch, Alberto García-Burgos, Manuel Lillo

J. W. R. Whitehead and the historico-geographical approach to urban morphology
Vitor Oliveira

The "demonstration city": a model from a global architectural process
Anna Rita Donatella Amato
XXIV ISUF VALENCIA CONFERENCE

Hermeneutics and principles of quality in urban morphology
Javier Poyatos Sebastián, José Luis Baro Zarzo
77

On requalification and cultural sustainability
Davide Boutrharm
78

What explains neighborhood type statistically? Morphological and spatial analytic approaches in urban morphology
Todor Stojevovski
79

From research in urban morphology to professional planning practice
Cláudia Monteiro, Paulo Pinho
80

Morphological analysis of frontier villages in Cyprus
Ertek Edič, Nevet Zafar Cemert, Nezihe Özgece
81

Canonical enclosures, social and urban organization: the example of the city of Liège in Belgium
Paul-C. Hauetscher
82

Public spaces and critical density, a preliminary study proposal for Basico informal settlement in Manila
Francesco Rossini, Antonio Rinaldi, Valerio Di Pinto
83

Urban morphology in China: origins and progress
Ming Liu, Feng Song
84

Murcia and Sant Mateu. Plots form and band of pertinence.
Paolo Cantoni
85

Meaning for architectural design
Paolo Cantoni
86

Historic landscapes interventions in the palatin domains of the Real de Valencia and its environment
Pilar de Insauti, Adolfo Vigil

W2
Parallel sessions, Wednesday 27 September 2017 - Afternoon

Exploring patterns of socio-spatial interaction in the public spaces of city through Big Data
Amreine Inmaniesh, Reem Ay. Atun
87

Cartographing the real metropolis: A proposal for a data-based planning beyond the administrative boundaries
Juan R. Selva-Royo, Nuno Mardonio, Alberto Cendoya
89

Photosharing on Flickr: a data source for assessing cultural values in urban landscapes
Mamal Gomazly, Jacques Teller
90

Case study on emerging trends in geospatial technologies for study of urban form
Ming-Chun Lee
91

Measuring the urban form: the cadastre as a source and its limits
Enrique Rodrigo González, Mónica Martínez Sierra
92

Morphological transformations of post-socialist shrinking city under urban regeneration process: the case of Łódź, Poland
Jarosław Kozimierzczak
93

City transformations in the epoch of globalization. The case study of Milan
Giovanni Panetti, Horus Amide Bambuda Bantimba
94

Contribution of planned built environments to city transformation: urban design practice in Montreal from 1956 to 2016
François Racine
95

Transformation and renewal of urban historic feature areas: A case study of Zhicheng area in Jixing
Zhenya Li, Yitian Shu
96

Town identity, urban form and urban transformation: The case of Kiruna, Sweden
Jentje Sjöholm, Erik Hidman
97

Post-war transformation in the challenge between heritage and globalization:
Case of Erbil, Iraq
Avar Almakitar
98

Land regularization and quality urban spaces
Ana Paula Seraphim, Maria do Carmo Bezerra
99

The diagonal city: Crossing the social divisions
Roberta Gironi
100

The primary role of routes, in interpretation and design. An experiment in San Martín de las Flores’ self-built fabric, San Pedro de Tiaquepaque - Guadalajara, Jalisco-Mexico, Vincenzo Buongiorno
101

Research on informal living space: A case study on Yuhua residential area of Nanjing
Xiong Guoping, Huang Weifan
102

The process of urban transformation and the public action. Territorial readings and morphologies resulting from the application of redevelopment instruments
Maria Eugenia Jaime, Clara Manuerto, Maria Teresa Sacón
103

Intensive residential densification: Impact on the urban morphology of Santiago de Chile
Magdalena Vucuta
104

Establishing the political and economic power through public buildings: Analysis of ministry buildings in Ankara, Turkey
Ezgi Orhan
105

Void of Power
Francesco Mancini, Tanja Glusac
106

The circular temple as landmark: From landscape to townscape
Ivanol Jaramagure Barbero
107

Assessment of the main components of the traditional urban form in the historic centre of Baghdad (Old Rusafa)
Mariz Al-Saffar
108

From Göbeklitepe to modern temples: The orienting power of astronomy and religion on urban form
Eren Kırkıoğlu, Ayşe Seva Kubat
109

How can the (external) urban spaces of a modernist city influence the institutional (internal) spaces?
Isabelle Baez Amacillo da Cunha, Ana Paula Boesha Gonçalves Barros, Raphael Henriques Matos
110

17, Universitat Politècnica de València

841.0x595.0
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public transport among artificial economic and technological models</td>
<td>112</td>
</tr>
<tr>
<td>and the spatial justice</td>
<td></td>
</tr>
<tr>
<td>Rosangela M. Luft</td>
<td></td>
</tr>
<tr>
<td>Transformative urban railway: Ankara commuter line and lost landscape</td>
<td>113</td>
</tr>
<tr>
<td>Fıda Baş Bütüner, Ella Alanyali Arsl, Selin Cavdar</td>
<td></td>
</tr>
<tr>
<td>How to design the metro network for maximal accessibility potential?</td>
<td>114</td>
</tr>
<tr>
<td>A comparative analysis of Shanghai</td>
<td></td>
</tr>
<tr>
<td>Linqing Zhuang, Alain Chisandia</td>
<td></td>
</tr>
<tr>
<td>The footprint of the city:</td>
<td>115</td>
</tr>
<tr>
<td>The railway case and its influence in the urban planning of Valencia</td>
<td></td>
</tr>
<tr>
<td>José María Tomas Llavador, Remedios Vicens, Carlos López de Medrano-Villar</td>
<td></td>
</tr>
<tr>
<td>The impact of a new transport system on the neighbourhoods surrounding the Stations:</td>
<td>116</td>
</tr>
<tr>
<td>The cases of Bermondsey and West Ham with the Jubilee Line extension in London</td>
<td></td>
</tr>
<tr>
<td>Po Nien Chen, Kewayvan Karimi</td>
<td></td>
</tr>
<tr>
<td>Research on the relationship typology between railway lines &amp; urban development:</td>
<td>117</td>
</tr>
<tr>
<td>Comparison of China and Germany</td>
<td></td>
</tr>
<tr>
<td>Chunyu Wang, Zhenyu Li</td>
<td></td>
</tr>
<tr>
<td>A study of visibility analysis taking into account vegetation:</td>
<td>118</td>
</tr>
<tr>
<td>An approach based on 3D airborne point clouds</td>
<td></td>
</tr>
<tr>
<td>Guozeng Zhang, Edward Verhée, Peter van Oostenrom, Xiaojun Wang</td>
<td></td>
</tr>
<tr>
<td>The effect of buildings on atmospheric turbulence in open spaces in Western São Paulo State, Brazil</td>
<td>119</td>
</tr>
<tr>
<td>Antonio Jaelke Machado</td>
<td></td>
</tr>
<tr>
<td>Properties of photocatalytic render cement based in the Globalization Age</td>
<td>120</td>
</tr>
<tr>
<td>Agustín Lagrada Guerra, Julia Ayora Sánchez, Joaquín Campos Acosta, Marta María Castellote Armero, Alfonso García-Santos</td>
<td></td>
</tr>
<tr>
<td>Morphological analysis: to evaluate the pattern of residential building based on wind performance</td>
<td>121</td>
</tr>
<tr>
<td>Yihui Yang, Wei You, Yunlong Peng, Wowe Ding</td>
<td></td>
</tr>
<tr>
<td>Making the most of daylight in town planning</td>
<td>122</td>
</tr>
<tr>
<td>Bengt Sundberg</td>
<td></td>
</tr>
<tr>
<td>Implications from efficient use of resources:</td>
<td>123</td>
</tr>
<tr>
<td>A case study on China-Singapore Suzhou industrial park</td>
<td></td>
</tr>
<tr>
<td>Jiliang Xing, J. M. Vilas-Bens da Silva, Isabel Duarte de Almeida</td>
<td></td>
</tr>
<tr>
<td>Conceptual bases for territorial management and landscape planning</td>
<td>124</td>
</tr>
<tr>
<td>Enrique Joaquin Guzmán Balderramo</td>
<td></td>
</tr>
<tr>
<td>The general plane of Burgos of civil engineers of 1894 as the beginning of the city restructuring</td>
<td>125</td>
</tr>
<tr>
<td>Bárbara Polo Martín</td>
<td></td>
</tr>
<tr>
<td>Urban landscape assessment</td>
<td>126</td>
</tr>
<tr>
<td>Vicerre Collado Capilla, Sonia Gómez-Pardo Guallartó</td>
<td></td>
</tr>
<tr>
<td>Central Lancashire New Town: The hidden polycentric supercity</td>
<td>127</td>
</tr>
<tr>
<td>Victoria Jelley</td>
<td></td>
</tr>
<tr>
<td>Urban form and retail spaces: An integral analysis through planning history in Madrid</td>
<td>128</td>
</tr>
<tr>
<td>Jose Carpio-Pinocho</td>
<td></td>
</tr>
<tr>
<td>Towards a typomorphology of public spaces: Relating place type and measures of enclosure</td>
<td>129</td>
</tr>
<tr>
<td>Stephen Marshall, Yuerong Zhang</td>
<td></td>
</tr>
<tr>
<td>The virtual earth: The case study of the Rose garden in Alcoy</td>
<td>130</td>
</tr>
<tr>
<td>Maite Palomares, Ciro Vidal Climent, Ivo Vidal Climent</td>
<td></td>
</tr>
<tr>
<td>New York high line as urban catalyst: Impact to neighbourhood</td>
<td>131</td>
</tr>
<tr>
<td>Kechiro Atlani, Vrushali Kedar Sahaye</td>
<td></td>
</tr>
<tr>
<td>Urban Art and place</td>
<td>132</td>
</tr>
<tr>
<td>Spatial patterns of urban art and their contribution to urban regeneration</td>
<td></td>
</tr>
<tr>
<td>Maria Laura Guererro Balarezo, Kayvan Karimi</td>
<td></td>
</tr>
<tr>
<td>The layers for reading the space of the street</td>
<td>133</td>
</tr>
<tr>
<td>Marilúnsa Acetoloe</td>
<td></td>
</tr>
<tr>
<td>The role of historical green spaces in the identity and image of today's cities:</td>
<td>134</td>
</tr>
<tr>
<td>The case of Madrid</td>
<td></td>
</tr>
<tr>
<td>Eva J. Rodríguez Remero, Carlota Sáenz de Tejada Granados, Rocío Santo-Tomás Muro</td>
<td></td>
</tr>
<tr>
<td>On the formulation of green open space planning parameters: A parametric tool</td>
<td>135</td>
</tr>
<tr>
<td>Tze Ming Leung, Irina Kukina, Anna Yuryevna Lipovka</td>
<td></td>
</tr>
<tr>
<td>Contemporary morphological patterns: Analysis of open spaces in the urban form in Uberlândia, Minas Gerais</td>
<td>136</td>
</tr>
<tr>
<td>Glaucio de Paula Coelho, Patricia Pimenta Azevedo Ribeiro, Maria Eliza Alves Guerra</td>
<td></td>
</tr>
<tr>
<td>Poly-nuclear urban system, landscape identity and economic development:</td>
<td>137</td>
</tr>
<tr>
<td>The Vega Baja of the Segura River (Albacete) case study</td>
<td></td>
</tr>
<tr>
<td>Clara García-Mayor, Gregorio Caules Martínez</td>
<td></td>
</tr>
<tr>
<td>A configurational perspective on the transformation of small and medium-sized historical towns in Zhejiang, China</td>
<td>138</td>
</tr>
<tr>
<td>Ye Zhang, Xingwy Xie, Jie Zhang</td>
<td></td>
</tr>
<tr>
<td>Urban ephemeris of the global and the local: An analysis of the territory of Gipuzkoa, Spain</td>
<td>139</td>
</tr>
<tr>
<td>Mauden Gonzalez-Bereztia</td>
<td></td>
</tr>
<tr>
<td>Territory and urban planning in Nara prefecture:</td>
<td>140</td>
</tr>
<tr>
<td>Geometric rationalization of the land structure in the municipality of Sakurai city</td>
<td></td>
</tr>
<tr>
<td>Rieko Shiraki</td>
<td></td>
</tr>
<tr>
<td>São Paulo: Contemporary urban landscape</td>
<td>141</td>
</tr>
<tr>
<td>Sidney Vicuna Carvalho</td>
<td></td>
</tr>
<tr>
<td>Historic-geographical and type-morphological assessment of Lefke town, North Cyprus</td>
<td>142</td>
</tr>
<tr>
<td>Sanaz Nazhdamassou, Nazeri Zerfini Comert</td>
<td></td>
</tr>
<tr>
<td>The changing pattern of urban form: Example of Tripoli, Libya</td>
<td>143</td>
</tr>
<tr>
<td>Almrook Alkaht</td>
<td></td>
</tr>
<tr>
<td>Determinants and results of morphological transformations of historical town centres and suburbs in Poland on chosen examples</td>
<td>144</td>
</tr>
<tr>
<td>Tomasz Fighi, Lukasz Musiak</td>
<td></td>
</tr>
<tr>
<td>Neoliberal hegemony and the territorial re-configuration of public space in Mexico</td>
<td>145</td>
</tr>
<tr>
<td>City Carla Filipe Narciso</td>
<td></td>
</tr>
</tbody>
</table>
XXIV ISUF VALENCIA CONFERENCE

The shaping process of urban form under a socialistist system: Townscape diversity and its formation in Sanlitun, Beijing
Yang Meng, Mao Zeng, Feng Song

Dialectic contradictions of global and local within the city transformations. (Case study of Russian cities)
Irina Kokin

1
Parallel sessions, Thursday 28 September 2017 - Morning

The study of urban form in Bergamo
Stefano Toppi

Territory and landscape of Arequipa: from orthogonal trace to overflowing growth
Renato Ampero

Reading Nabulus’ urban print: Towards an understanding of its morphology
Musht Taher, Jorge Correia

Comparison of urban form based on different city walls between Quanzhou and Newcastle upon Tyne
Di Wang, Junyi Zheng

Exploring different morphological approaches to area-based conservation in Nanjing, China
Xiaoxi Li

The study of urban form in Lithuania: preliminary findings on its European background
Ineta Alistratovaite-Kurkinaite, Matas Cirnxtas, Dalia Djokciene

The spatial configuration in waterfront areas of Makassar:
Hybridity application and climate change responses
Khaidia Winda Nur

The impact of port infrastructure in South American port cities and its urban growth:
The case of Guayaquil
John Dunn

New strategies for integrative waterfront regeneration through the experience of Incheon and Boston
Kumji Lee, Yongjin Ahn, Jeongjun Ju

Study for a new definition of the southern side of Prato della Valle in Padua, Italy
Enrico Pietrogrande, Alessandro Dalla Canova

Towards the contemporary city. Reading method of post-unification restructuring of Trastevere in Rome
Giancarlo Salamone

Social risk map. The design of a complementary methodology to vulnerability indexes applied to urban regeneration activity
Ana Ruiz-Varea, Jorge León-Casero

Cities of New Spain configured in their urban morphology by acequias
Alejandro Jiménez

The role of water in the morphology of historical cities of Iran (in hot and dry region) Nasim Inazmunesh, Negar Saliei, Koorous Bonabi, Abbas Golzar

Study on the hydrologic character of three types of street-block of Nanjing, China
Quan Liu, Mengjie Gu, Xumin Li, Ming Mao, Qingfeng Ye

Resilient urban morphology to the flood risk in the final stretch of the Girona River (Alicante province)
José Sergio Palencia Jiménez, Eric Gielen, Yaitza Pérez Alonso

Urbanization dilemmas in delta cities: Interdependencies between formal and informal urbanization processes in Barranquilla, Beira and Ho Chi Minh City
Like Bijtma

A study of Chinese traditional wetland island settlement combining morphological and narrative analyses
Dongxue Lei, Asong Lu

Urban form and vacant shops: can one explain the other? A case study in Portugal
Miguel Sanava, Teresa Sá Marques, Paulo Pinho

Clothing consumption practice and its impact on the transformation of “public space”.
Via primavera, El Poblado, Medellín
Natália Uribe, Diana Carolina Gutierrez

Spatial patterns in mass consumption: The fast food chain network and its street patterns, clusters and impact on street safety
Geneviève Shaun Liu, Kayvan Karimi

(Re)shaping the shophouse in historical fabrics: Speculation, control and regeneration in Xiamen (1920s-2016)
Yongning Chen, Yan Geng

Morphologies of exclusion and inclusion in Milan
Martina Grinai, Beatrice Galimberti

The loss of semi-public spheres within the Vienna urban periphery system. Cause and effect study
Angelika Pierrer

Spatial processes of mass housing estates. Six case studies in Madrid
Sergio García-Pérez, Borja Ruiz-Apinañez Corrochano

A typomorphological study of Chinese superblock
Xin Ge, Birgit Haaselemer

A review of relationship between objective analysis and subjective perception on Urban Morphology Study
Zhang Zhaxiu

Exploring urban morphology as urban design pedagogy: An analytical approach to the urban landscape
Kai Gu

A multidisciplinary approach to urban fabrics analysis. The historical centre of Valencia
Marc Mares, Vicente Mas, Eva Alvarez, Barbara Gherri, Carlos Gonzalez, Maria Rosaria Guazzini, Antonio Chieffetti, Gaudioa Emili

Applicability of Couzenian terminology at different resolutions of study
Feng Song, Huiyang Zhang
City and territory in the Globalization Age

Introverted and knotted spaces within modern and contemporary urban fabrics:
Passages, gallerias and covered squares
Pina Cottini, Marco Falleni

Broken traditions, inherited legacy, new narratives.
Transformations of the medieval market squares in Silesia
Monika Ewa Adamaska

The life-cycle of the city: a morphological perspective
Nicole Marzot

Intersections between critical urban theory and urban morphology.
A case study of Holbeck and Leeds South Bank
Joanni Delbane

Recovering the habitat concept within urban morphology
Teresa Marzo-Mendes, Maria Amelia Cabrita

Diachronic transformations of urban routes for the theory of attractors
Alessandro Camiz

A model for the pursuit of robust urban form
Tony Hall

New cartographies of urban sprawl: The use of Land Cover data in Spain
Eduardo Gózarabal, Carmen Beller

Can our cities be planned? Does the function follow the form? The New York experience
Alberto Pettin Ibáñez, Alberto Pettin Libbél

Arrival city: Refugees in three German cities
Hajo Nies, Briana Moer, Tomoki Furukawasano

Identify urban spatial patterns based on the plot shapes and building setting in downtown of Nanjing
Yusheng Gu, Lian Tang, Wowo Ding

Rio de Janeiro, Cuiabá and removals for bus rapid transit and light rail vehicle
Andersen Ferreira da Silva, Richard Vásquez, Rafael Ribeiro de Souza, Lorraine de Oliveira Silva

The evolution of socialist third-front industrial landscapes in China:
The case of Sichuan Boiler Works
Ke Deng, Feng Song

T2
Parallel sessions, Thursday 28 September 2017 - Afternoon

City-like settlement to industrial city:
A case of urban transformation in Hweyi township
Chih-Hung Chen, Chih-Yu Chen

Re-reading morphological concepts to face globalization: using typo-morphology to excavating modern and contemporary forms
Mazyar Alaae

Assessment of the process of urban transformation in Baghdad city form and function
Mazin Al-Saffar
Urban traces: revitalization strategies for abandoned villages

Letizia Gogoa, Gloria Riggi

Uninhabited territories: contemporary strategies to recover and preserve abandoned settlements and their areas of influence in Alto Aragón

Sjef Marín Gavín, Alejandro Navarro Plassa

The policy interpretations of morphological transformation of work-unit residence in China: A case study of Kunming iron and steel plant (1960-2010)

Tan Wenyong, Jiang Yuan, Zhang Nan, Yan Bo

Towards the post-public space: From occupation to privatization of public spaces in central Tokyo

Ana Medini

Design of renewal strategies on public open spaces network through a triple-based reading: Morphological, social and environmental analysis. Case study of Valencia urban periphery

David Urios Monetác, Ana Portales Manchán, Juan Colomé Alcázar

Urban compactness and growth patterns in Spanish intermediate cities

Carles Jiménez Romera, Agustín Hernández Aja, Mariano Viltizque Espí

Typology based on three density variables central to Spacematrix using cluster analysis

Meta Berghausen Pont, Jesper Olsson

Measuring urban density and diversity of ‘Designed’ and ‘Emergent’ compact city: Compact city qualities in relation to urban processes

Hye Kyung Lim, Evgeniya Bobkova

Location-based density and differentiation – adding attraction variables to Space Syntax

Lars Marcus, Meta Berghausen Pont, Gianna Stavroulaki, Juan Bobkova

Exploring the relationship between street accessibility and centrality and land use distribution in Southern Brazil

Marcos Saravia, Joana Barros

Self-organisation and meaning of urban structures: case study of Jewish communities in central Poland in pre-war times

Malgorzata Hanzel

Self-organisation in planned Danwei and Dayuu: A case study of the transitional Houzilunmen neighborhood of Nanjing in urban China

Qian Zhao

Participatory methodologies for improving the lives of social housing residents in Campinas: Experience of interlocution between the Public Power, the company, the third sector and the civil society in two enterprises of the government’s program “Minha Casa Minha Vida”

Gabrielle Okretic, Elenisse Freitas, Laura Bueno

Urban sprawl and citizen participation. A case study in the municipality of la Pobla de Vallbona, Valencia

Eric Quilet, Yasin Pérez Alonso, José Sergio Palencia Jiménez, Asnet Sosa Espinosa

Urban form and social cohesion: the socio-morphological definition of the residential fabrics of the Metropolitan Area of Barcelona

Rosana Vinyes, Sergio Forcel, Fernando Amín, Mariona Figueras, Laia Molist

Understanding of urban life through the urban morphology

Ana Paula Borba Gonçalves Barros, Juliana Leal Alvim
### XXIV ISUF VALENCIA CONFERENCE

Interfederative coordination alternatives for regional urban management in Brazil
Angela Moulin Simone Penaia Santos, Pedro Henrique Ramos Prado Vasques

Development of urban areas of the Russian Federation on the Trans-Siberian Railway
Evgeny Petrouyan, Ekaterina Klimn

Gradual transformation of the urban landscape and the planning practice
Tolga Unlu, Yener Bas

Possible social advances in Brazilian urban design: A case study with São Paulo’s and Belo Horizonte’s masterplans
Rafael Motta Fonteselle de Araújo, Maria Cristina Villefort Teixeira, Marieta Cardoso Machie, Stael de Alvear 2, Pera 2 Costa

The evolving interpretation of neighborhood unit: a review of residential planning norms in Chinese cities since 1920s
Li Guo, Zhenyu Wu

Paradigm shift in the urban planning of commercial facilities and transport system: Case study of Përllirëmër, a Heritage protected town in the Czech Republic
Jan Zdeňko Stavb, Ivona Boušková

Citizen participation plan for València Parcs de Barri
Asem E Son Espínsosa, Ana Portales Mafianos, David Urios Mondéjar, Juan Colomer Alcón

Globalizing Tokyo. The production and life of public and pseudo-public spaces of Ginza
Darko Radović, Tomonori Miyagoni, Keitaro Onishi, Daisuke Kobayashi, Masako Mikogami, Mei Morimoto, Shuhei Yamasita

A review on the relationship between civic culture and public open spaces
Sarmane Up organised, Sebnem Oral Haskın

Site-specific performances to create new points of view about a critical area
Silvia Tagliazucchi

Study on the association mechanism between small public spaces and affective responses in the ‘human-scale urban form’ perspective. Take Tianjin Wudadao Area as an example
Rongling Liu, Lijuan Wang

Using a novel geospatial approach to assess the impacts of exposure to urban green space on children’s sleep
Jason Gilliland

Regeneration from sustainable urban design in Pamplona Alta, Lima, Peru
Elena Laella Laurenò, Laura Rivas Navarro

A hydrological index for urban morphology: using anisotropic porosity to calibrate the plan-unit types
Linsuo Wang, Zheng Deng, Qingyu Gou

Restoring nature in urban fabric: Case study of Boston city transformations
Yichen Zhu

Community renewal, morphological agents and planning for social justice: Cases from Auckland, New Zealand
Carol S. Wang, Kai Gu

From density to three-dimension: Research on the tendency and methods of social housing design in China
Li Zhengyu, Sun Enqi

### City and territory in the Globalization Age

Heterotopic space characteristics of urban village in China: Take Guandongdian district in Beijing as an example
Lu Tingying, Li Jial, Peng Ning

The role of spatial configuration in knowledge-based economy patterns at city-region level: theoretical and empirical considerations from Space Syntax approach
Eloy Solis

An unsustainable urban typology: The golf resort on the Iberian Mediterranean coast
Fernando Guay, Día Díez

Informalism. A critical review of urban informality representations in Latin America
Diana Mallorcano, Emanuol Gaskon

International workshops as a tool for analysis and urban reformulation
Laura Lizondo Sevilla, Nuria Salvador Luján

Urban green structure in El Ensanche de Valencia city
Juan Colomer Alcón, Ana Portales Mafianos, David Urios Mondéjar

Urban form in the tourist cities of the coast of the Canary Islands. The morphologies of the leisure activities
Rafael R. Temes, Moises Simancas, Alicia García, Maria Pilar Peñarrubias

### F1

Parallel sessions, Friday 29 September 2017 - Morning

From the so-called Islamic City to the contemporary urban morphology: The historic core of Kermanshah city in Iran
Shahar Pakseresht, Manesl Gourish Basols

Geometric and poliometric inertia in the fortified system vs urban morphological inflections in 18th-Century Barcelona
Juan Miguel Muñoz Corralan

Nova Imago Urbis: the transformation of city walls in early Renaissance as a model to recover the image of contemporary city
Aritz Díez Oronoz

Morphological periods of Turkish cities as an outcome of plot transformation
Yenez Bas, Tolga Unlu

Following the traces of middle ages: Trabzon
Nilges Kiper, Beyza Kandemir

A study on the history of urban morphology in China based on discourse analysis
Limeng Zhang, Andong Lu

Urban form and the social use of space
Jorge Traban

Plastic City/Elastic City: A critical interpretation of urban transformations
Antonio Camporeale

The large scale and the political transformation of the city
Marialgna Ladvocia Santarriero
XXIV ISUF VALENCIA CONFERENCE

A first approach to the possible urban form of the city of Alcoy for the 21st century
Ivo Vidal Climent, Ciro Vidal Climent, Vicente Vidal Vidal

Altas Urban Project: An academic approach to the transformation of a coastal Spanish
touristic city based on the improvement of the public space
Vicente Borràs Pallares, Francisco Zaragoza Saura

Henri Prost in Istanbul:
Urban transformation process of Taksim-Maçka Valley (I.e parc n°2)
Pelin Bolat, Rosa Tamborrino, Fábio Rinsado

Towards informal planning: Mapping the evolution of spontaneous settlements in time
Maddalena Iovene, Gisela Fernández de Córdova, Osebre Raimon, Sergio Porta

Analysis and intervention guidelines for the favela Jardim Piratinings (São Paulo, Brazil)
Denise Antommacci, Leonardo Godbi

City regeneration via informal urbanism: the participatory fluid model
Chunyu Wang

Green infrastructure for urban and environmental rehabilitation: study in the city of Vila
Volha-ES, Brazil
Edurna Dias de Berrido, Daniela do Amaral Meblo Bonatto

Learning from informal urbanism: a study on spontaneous roof extension in China and its
application in design
Yao Yang

Participatory democracy of informal urbanism:
Case of Gaiachoeun bottom-up shun upgrading
Wei Gu, Zhenyu Li

Because people act, cities can be smart: Promoting social innovation in smart-city design-
tools in the Mediterranean
Carolina Mateo, Miriam Navarro, Begoña Serrano, Vera Valero

The nine forms of the French Riviera:
Classifying urban fabrics from the pedestrian perspective
Giovanni Fusco, Alessandro Araldi

Tourist settlements in the Comunidad Valenciana coast: A typological map
Manuela Arzuy Tapiero, Vicente Mas Llorens

Tourism and productive uses. Territorial distribution in the coast of the Valencia region
Remedios Vicente, Enrique Joaquín Gómez Baldrich, José María Teixís Llavería

The transformations of the peripheral urban form in Brazilian listed heritage coastal cities
and their morphological typologies: Classification and concepts
Ramos Fortunato Gomes

The identification and management of the heritage value of fringe belts based on their
morphological process and elements: Exemplified by the West Lake National Park
Ningting Li, Feng Song, Yin Hu, Xiaobai Wang, Daming Jiang

Dealing with mass housing estate legacy: The need of specific diagnoses from an urban
design perspective
Javier Moncloa, Carmen Díez Medina

The intervention of Víctor Eusa in the 2nd Esanche of Pamplona: The artistic
transformation of a technical model
Andrés Caballero Lobera

The role of residential fabric in the configuration of the city in Spain in the 1940s and
1950s. The case of Jaca
Raimundo Barriga Naya

The processes of urban sprawl in the environment of mid-size cities during the period of
expansive urbanism. Territorial impact in an interior area, Castilla-La Mancha, Spain
Francisco Cebrián, Irene Sanchez

Residential urban typomorphology in the periphery of Spanish intermediate cities between
1977 and 2000: Málaga, Murcia and Valladolid
Fernando Miguel García Martín

The role of suburban villages in the expansion of Spanish metropolitan areas
Diego Laguada Martínez

Evaluation of generating mechanism of residential building patterns in contemporary
cities: Case study on Xi'an and Nanjing
Kooja Li, Lisan Tang, Wowo Ding

Optimal urban density for a carbon free city in different climates
Udo Dietrich, Hsiao-Hui Chen

Form follows sunshine. Another design strategy on the current Shanghai enclosed housing
Bin Lu

Greening in narrow urban spaces. An urban development concept for the old town of
Berlin-Spandau
Katharina Lehmann

Energy efficiency in the urban scale. Case study Prague, Czech Rep.
Ernst Shtepan, Ilona Vymyslyk

Analysis of green spaces morphology based on urban thermal field distribution
Yan Xu, Xuezhe Wang

Medieval porticoes of Rome: Revealing Rome's architectural and urban heritage digitally
Selena Kathleen Anders

Urban morphology and sustainability. Towards a shared design methodology
Marco Marcati, Barbara Gheri, Greta Piraati, Francesco Scattini

Contemporary mechanisms for the holistic management of historical territories
A comparison of European and Asian world heritage
Alba Victoria Zambrade Urdaz

Urban analysis tools for Mexican world heritage sites
Norma Elisabeth Rodríguez-Cervantes

Ruine and city: Procedure suggestion for the Imperial Forums of Rome
Valeria Marczan, Maria José Ballester Bordes, Luis Bosch Roig, Carlos Campos González, Ignacio
Bosch Roig

Spatial transformation of heritage area as the impact of tourism activity in Kampong
Kuamun, Surakarta City, Central Java, Indonesia
Nufbio Setiabudhi

Construction of landscape infrastructure system as framework of urban form:
Case study in Nanjing
Hua Xiao-ning, Wu Lang
Agro-urban landscape: The case study of Monterussello-Naples
Alessandra Comto, Luisa Smargiassi and Pernotta, Carlo Vecce
318

Rooftop agriculture: A typological analysis
Jimez Kornitzer, Jone L Nair
319

Pilot studies on optimizing land use, building density and solar electricity generation in
dense urban settings
Zhangguang Shi, Shanshan Hsieh, Bhangara Krishna Sreepathi, Jimeno A. Fonseca, Franquia Martínez, Arco Schueber
320

Compacting Rome. Preliminary assessments on a systemic approach for a sustainable
development
Armando Iaconovasconzo
321

Analysis and application of mountainous city profile methodology.
A case study on Yushong Peninsula of Chengqing
Zhu Mengnan, Meng Jiapei
322

Street network morphologies:
On the characterization and quantification of street systems in Montréal
Pierre Gauthier, Jiao Buozeni
323

Street layout-plan and urban space: Urban morphology and local identity
Luís Alouso de Arribio Pérez, Vicente Cassany i Llopis, Gonzalo Vicente-Almazán Pérez de Peñalva
324

The effects by the urban fabric morphology on sequential landscape of urban outer space
from the perspective of station-home sequence base on the case study of Tokyo
Yiun Zhui, Manhu Chiha
325

Stages in the configuration of urban form in urban development planning: the emerging role of open spaces as sustainability mechanism. The case of Valladolid (Spain)
Miguel Fernández-Ávila and Polanco
326

Researching the morphology of the city’s internal micro structure: UPM Urban Parterre
Modelling
Angelika Paenner, Klaas Kodydek
327

Between territories: Incremental changes to the domestic urban interface between private and public domains
Aginotska Wir Kunas, Kyung Wook Seo
328

F2

Parallel sessions, Friday 29 September 2017 - Afternoon
329

Social and territorial transformations from colonial times to the Era of Globalization:
Analysing aggregation/segregation aspects in Brazilian cities
Debora Canto, Licia Capoferri, Alves
330

Dysfunctions in the territorial form: The case of Valencia
Josep Lluis Miralles i Garcia
331

Globalization and the typomorphology of the urban fabric: Istanbul
Gülsen Erdoğan
332

The forming process of Fiumicino
Giuseppe Zappia, Marta Cognale
333

Nova Huta, Krakow, Poland. Old urbanism, new urbanism?
Ants Agzja Kamarexv, Ivor Santer
335

The role of plots and building types in the morphological research of Chinese traditional village tissues
Guo Pengyu, Ding Wewo
336

The role of the plot in engendering environmental quality: From unplanned favelas to the planned subdivisions of new blocks
Maria Cristina Villefort Teixeira, Marcieta Cardoso Maciel, Staat Alvarraia Pereira Costa
337

Land Subdivision Processes in Chicago’s Hyde Park Community
Mingmin Cheng
338

Stages of territorial configuration in the non-planned occupation of the Huerta de Murcia, 1929-2015
Marcos Ros, Fernando Miguel García
339

Density measurement and morphological analysis of Nanjing urban block based on ArcGIS Platform
Song Yanhui, Han Dongqing
340

The role of plots and building types in the morphological research of Chinese traditional village tissues
Guo Pengyu, Ding Wewo
341

The role of the plot in engendering environmental quality: From unplanned favelas to the planned subdivisions of new blocks
Maria Cristina Villefort Teixeira, Marcieta Cardoso Maciel, Staat Alvarraia Pereira Costa
342

Land Subdivision Processes in Chicago’s Hyde Park Community
Mingmin Cheng
343

Stages of territorial configuration in the non-planned occupation of the Huerta de Murcia, 1929-2015
Marcos Ros, Fernando Miguel García
344

Cartographical analysis and map reconstruction. The case of Nanjing
Lin Zhang
345

Density measurement and morphological analysis of Nanjing urban block based on ArcGIS Platform
Song Yanhui, Han Dongqing
346

Plot systems and property rights: morphological, juridical and economic aspects
Evgeniya Bobkova, Lars Marcus, Meta Bergmauser Punzi
347

The role of plots and building types in the morphological research of Chinese traditional village tissues
Guo Pengyu, Ding Wewo
348

The role of the plot in engendering environmental quality: From unplanned favelas to the planned subdivisions of new blocks
Maria Cristina Villefort Teixeira, Marcieta Cardoso Maciel, Staat Alvarraia Pereira Costa
349

Land Subdivision Processes in Chicago’s Hyde Park Community
Mingmin Cheng
350

Stages of territorial configuration in the non-planned occupation of the Huerta de Murcia, 1929-2015
Marcos Ros, Fernando Miguel García
351

Cartographical analysis and map reconstruction. The case of Nanjing
Lin Zhang
352

Density measurement and morphological analysis of Nanjing urban block based on ArcGIS Platform
Song Yanhui, Han Dongqing
353

Plot systems and property rights: morphological, juridical and economic aspects
Evgeniya Bobkova, Lars Marcus, Meta Bergmauser Punzi
354

The role of plots and building types in the morphological research of Chinese traditional village tissues
Guo Pengyu, Ding Wewo
355

The role of the plot in engendering environmental quality: From unplanned favelas to the planned subdivisions of new blocks
Maria Cristina Villefort Teixeira, Marcieta Cardoso Maciel, Staat Alvarraia Pereira Costa
356

Land Subdivision Processes in Chicago’s Hyde Park Community
Mingmin Cheng
357

Stages of territorial configuration in the non-planned occupation of the Huerta de Murcia, 1929-2015
Marcos Ros, Fernando Miguel García
358
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type as a cultural outcome of sprawl in Brazilian new towns</td>
<td>353</td>
</tr>
<tr>
<td>Karla Schwabe Menegattti, Renzo Leao Rego, Gislaine Elzete Beloto</td>
<td></td>
</tr>
<tr>
<td>The limits and region in São João del Rei: The historical center and</td>
<td>354</td>
</tr>
<tr>
<td>the periphery</td>
<td></td>
</tr>
<tr>
<td>Adriano Gomes de Nascimento, Rodrigo Pereira dos Reis</td>
<td></td>
</tr>
<tr>
<td>The morphological approach in the reading of the territorial city</td>
<td>355</td>
</tr>
<tr>
<td>Maria Gagliardi</td>
<td></td>
</tr>
<tr>
<td>Territorial configuration and local management of intermediate cities</td>
<td>356</td>
</tr>
<tr>
<td>in the metropolitan area of Valparaiso: the Quipue and Villa Alemana</td>
<td></td>
</tr>
<tr>
<td>comunation</td>
<td></td>
</tr>
<tr>
<td>Paula Kapstein López, Alberto Genovich Weissman</td>
<td></td>
</tr>
<tr>
<td>Urban patterns in the Warsaw agglomeration: A &quot;multi-method&quot; and</td>
<td>357</td>
</tr>
<tr>
<td>&quot;multi-scale&quot; approach</td>
<td></td>
</tr>
<tr>
<td>Pawel Wiktor Sudra</td>
<td></td>
</tr>
<tr>
<td>Urban morphogenesis: conformation of metropolitan area of Goiania,</td>
<td>358</td>
</tr>
<tr>
<td>Brazil</td>
<td></td>
</tr>
<tr>
<td>Pedro Henrique Mello Oliveira, Glauco de Paula Cozza</td>
<td></td>
</tr>
<tr>
<td>Research on the fringe belts of Shangqiu, China: A morphogenetic</td>
<td>359</td>
</tr>
<tr>
<td>approach</td>
<td></td>
</tr>
<tr>
<td>Zijing Shen, Xinzi Feng, Shuyang Cheng, Yanhui Shi</td>
<td></td>
</tr>
<tr>
<td>Urban acupuncture as a starting point of rehumanization of urban</td>
<td>360</td>
</tr>
<tr>
<td>structure which is influencing the social relations of habitants</td>
<td></td>
</tr>
<tr>
<td>Karolina Wrona</td>
<td></td>
</tr>
<tr>
<td>(In)visible spaces of recognition: politics of difference through</td>
<td>361</td>
</tr>
<tr>
<td>the language of urban morphology</td>
<td></td>
</tr>
<tr>
<td>Mohammad Sarrafi</td>
<td></td>
</tr>
<tr>
<td>Explaining the relationship between changes in Iranian lifestyle and</td>
<td>362</td>
</tr>
<tr>
<td>metamorphosis of urban form of residential environment in</td>
<td></td>
</tr>
<tr>
<td>contemporary Iran: Case study: Mashhad, Iran</td>
<td></td>
</tr>
<tr>
<td>Ali Abedzadeh, Abdolshad Daneshpour, Maryam Ostad</td>
<td></td>
</tr>
<tr>
<td>Perception of the urban form and its evolution: A mature modernist</td>
<td>363</td>
</tr>
<tr>
<td>neighbourhood as a laboratory</td>
<td></td>
</tr>
<tr>
<td>Martina Jimezcz</td>
<td></td>
</tr>
<tr>
<td>The importance of public space in disaster prone cities: a</td>
<td>364</td>
</tr>
<tr>
<td>morphological research agenda for the Mexican case</td>
<td></td>
</tr>
<tr>
<td>Milen Montejano-Castillo, Mihrid Moreno-Villayeva</td>
<td></td>
</tr>
<tr>
<td>DiverCity: Urban perception of sociocultural minority groups</td>
<td>365</td>
</tr>
<tr>
<td>Katharina Lehmann</td>
<td></td>
</tr>
<tr>
<td>Change of urban atmosphere in urban spaces: Case of Karkkoy</td>
<td>366</td>
</tr>
<tr>
<td>(Istanbul)</td>
<td></td>
</tr>
<tr>
<td>Ozge Celik, Eren Kurkcuoglu</td>
<td></td>
</tr>
<tr>
<td>Built form and urban dynamics. The ground level as an engine to the</td>
<td>367</td>
</tr>
<tr>
<td>collective practice in the city</td>
<td></td>
</tr>
<tr>
<td>Gabriela Bonfacio dos Santos</td>
<td></td>
</tr>
<tr>
<td>How does urban morphology influence the walkability?</td>
<td>368</td>
</tr>
<tr>
<td>Ana Paula Borbo Gonçalves Barros, Luis Miguel Martinez, José Manuel</td>
<td></td>
</tr>
<tr>
<td>Viegas</td>
<td></td>
</tr>
<tr>
<td>Cultural groups and traditional dwelling typology: Evolutionary</td>
<td>369</td>
</tr>
<tr>
<td>forms and meanings in Southern Fujian, China</td>
<td></td>
</tr>
<tr>
<td>Yongning Chen, Shixian Lai</td>
<td></td>
</tr>
<tr>
<td>The urban model and social acceptance of risks in the Girona River</td>
<td>370</td>
</tr>
<tr>
<td>basin</td>
<td></td>
</tr>
<tr>
<td>Yaiza Pérez Alonzo, José Sergio Paseo Jiménez, Eric Gieken</td>
<td></td>
</tr>
<tr>
<td>Critical spatial practices</td>
<td>371</td>
</tr>
<tr>
<td>Carl Fraser</td>
<td></td>
</tr>
<tr>
<td>Green spaces of a Siberian city on the example of Krasnoyarsk</td>
<td>372</td>
</tr>
<tr>
<td>Olga Blankainstein</td>
<td></td>
</tr>
<tr>
<td>Morphological analysis of urban green space: As a case of Nicosia,</td>
<td>373</td>
</tr>
<tr>
<td>Cyprus</td>
<td></td>
</tr>
<tr>
<td>Salomé Khayat Kahouei, Nevetz Zafir Comert</td>
<td></td>
</tr>
<tr>
<td>Linear Parks understood as veltreanation instruments of the city</td>
<td>374</td>
</tr>
<tr>
<td>Ignacio Bosch Roig, Luis Bosch Roig, Valeria Marroc, Nuria Salvador</td>
<td></td>
</tr>
<tr>
<td>Luján</td>
<td></td>
</tr>
<tr>
<td>Resistance &amp; permanence of green urban systems in the Globalization</td>
<td>375</td>
</tr>
<tr>
<td>Age</td>
<td></td>
</tr>
<tr>
<td>Rita Occilato</td>
<td></td>
</tr>
<tr>
<td>Reconfiguring welfare landscapes: A spatial typology</td>
<td>376</td>
</tr>
<tr>
<td>Asbjørn Jesen, Anne Tjetjen</td>
<td></td>
</tr>
<tr>
<td>Vienna flying high-and ground level left behind</td>
<td>377</td>
</tr>
<tr>
<td>Angelika Piemmer</td>
<td></td>
</tr>
<tr>
<td>Urban form in special geographical conditions: A case study in</td>
<td>378</td>
</tr>
<tr>
<td>Kenting National Park</td>
<td></td>
</tr>
<tr>
<td>Chih-Hung Chen, Chun-Ya Chang</td>
<td></td>
</tr>
<tr>
<td>A general perspective of the Galapagos urban form: Analysis of the</td>
<td>379</td>
</tr>
<tr>
<td>city of Puerto Ayora in Santa Cruz Island</td>
<td></td>
</tr>
<tr>
<td>Jaime Eduardo López</td>
<td></td>
</tr>
<tr>
<td>Threatened landscape: Transformations and permanence of natural</td>
<td>380</td>
</tr>
<tr>
<td>space and built in Pontal da Barra</td>
<td></td>
</tr>
<tr>
<td>Emmanuela Cristina Montoni da Silva, Malena dos Santos Rocha, Sara</td>
<td></td>
</tr>
<tr>
<td>Santos da Silva, Varecia Maria de Melo Gorgulves</td>
<td></td>
</tr>
<tr>
<td>Measuring compactness of the urban landscape within a city for</td>
<td>381</td>
</tr>
<tr>
<td>environmental capabilities: The case of 50 cities in eastern China</td>
<td></td>
</tr>
<tr>
<td>Shuang Sophia Chen, Tong Zhang, Guangyu Li, Yue Yan</td>
<td></td>
</tr>
<tr>
<td>City landscape design and the role of the green/blue infrastructure</td>
<td>382</td>
</tr>
<tr>
<td>in response to climate change</td>
<td></td>
</tr>
<tr>
<td>Maria do Carmo Lima Bezerra, Camila Gomes Sunt’ Anna</td>
<td></td>
</tr>
<tr>
<td>From ecology to landscape architecture. The role of biodiversity in</td>
<td>383</td>
</tr>
<tr>
<td>the configuration of the county of Serra (Esprírito Santo, Brazil)</td>
<td></td>
</tr>
<tr>
<td>Janaina Schmidel Baptista, Daniella do Amaral Mello Bonatto</td>
<td></td>
</tr>
</tbody>
</table>
Stages in the configuration of urban form in urban development planning: the emerging role of open spaces as sustainability mechanism. The case of Valladolid (Spain)
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Abstract
Along the last five decades and through three different stages, the urban development plans—general plans—of Valladolid, a medium-sized Spanish city, show an interesting evolution in the way of configuring the global urban form and controlling urban development that we can also find in other similar Spanish cities. In the sixties and seventies, plans proposed ‘autonomous’ expansive schemes foreseeing a huge rate of urban growth, so they defined wide areas to be urbanised through new transport infrastructures and typical zoning mechanisms. In the eighties, after decay in urban and economic development and during the transition to democracy, the new local governments focused on the existing city and fostered a more controlled urban growth. However, plans continued to employ the same tools to manage future urban form—definition of transport infrastructures and sectors to be urbanised—, although they looked for more ‘controllable’ forms, such as radio-concentric ones, aiming at a gradual and homogeneous implementation—compact city—. When real-estate market recovered in early nineties, this strategy revealed its weaknesses: fragmented urban fringe and tendency to a congestive model, reinforced when a new generation of expansive plans drove these schemes out of the limits they were conceived with. However, an alternative and more sustainable model had already emerged, as some new urban planning tools proposed a change of perspective: managing global urban form not through future urbanised spaces, but through open ones, generating an ‘empty’ network able to give coherence to the whole urban structure in a metropolitan scale.

Keywords
Urban development planning, urban model, open spaces, Valladolid, Spain.

Researching the morphology of the city’s internal micro structure: UPM Urban Parterre Modelling
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Abstract
As conventional cadastral maps only show building perimeters, they contain no information about the city’s internal structure—about the complex interplay of architecture and its socio-economical use. Thus urban planning seems to spare little thought for what really takes place inside the buildings lining a street, although we perfectly know that the potentials of ground floor use and the structure of the correlating public street space are directly related. The Urban Parterre Modelling UPM-method refers to the city’s “parterre” as a holistic urban system: it covers both built-up and non-built-up areas. Thus street, ground floor and courtyard are treated as entity, so that their interrelations can come to light. Technically the method represents the merging of a common 3D-city-model and a Comprehensive Ground Plan Survey CGPS—a research technique used in the 1960s until the late 1990s (throughout Europe, but mostly in Italy, France and Switzerland).

Keywords
Stadt Parterre (urban parterre); Ground Floor Use; Urban Space Research; Vienna.