

BOOK OF ABSTRACTS

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

City and territory
in the Globalization Age



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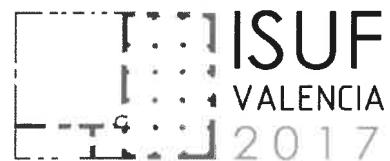
EDITORIAL

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UNIVERSITAT POLITÈCNICA DE VALÈNCIA



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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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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 researching technique used in the 1960s until the late 1990s (throughout Europe, but mostly in Italy, France and Switzerland).

Keywords

StadtParterre (urban parterre); Ground Floor Use; Urban Space Research; Vienna.