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Alexandre Rigal

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Editorial
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A visual model for mobility practices and learnings
On why new urbanisms allow us to consider the city as a laboratory
Alexandra Nogué
Translation: Jonathan Boyle
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ABSTRACT

Responsibility of the city and necessity to learn to live together with the disparate urban and social realities that characterize this end-of-century millennium, are the two main ideas that underpin this paper. The aim is to propose a model of the contemporary visualisation models as an instrument that the object of study, the city, and the subject of study, the citizen, can use to understand the complexity of the urban reality. The model is based on the contemporary concepts of scenario and learning the city, and on the concepts of the urban as a laboratory and the city as a text. The model is made up of three dimensions: the practice, the place and the learning. The practice dimension is based on the concepts of practice, space of practice, and practice as a process. The place dimension is based on the concepts of place, space of place, and place as a text. The learning dimension is based on the concepts of learning, space of learning, and learning as a process. The model is applied to the case of the Poblenou district in Barcelona, and it is used to show how it can be used to identify and visualise the interactions that could be learned by changes in mobility practices. Finally, the model is used to show how it can be used to identify and visualise the interactions that the organisations and the Poblenou district learning focus on when they promote learning processes. The model is used to show how it can be used to identify and visualise practices based on visual urban research and a definition of the city based on the concepts of the urban as a laboratory and the city as a text.

INDEX TERMS
Keywords: urban visualisation, city, mobility practices, learning, urbanismo

OUTLINE
Practice, a processual notion to visualise
Practice, a visualisation method for urban practices
On the effects of the visualisations on the urban perception as a paedagogical space
From urban spaces as a space of selected learnings
Bibliography

FULL TEXT
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Terminal visualisations of urban spaces and practices could lead to a better understanding of the city and its inhabitants, and to a better understanding of spatial practices, spaces and institutions, and to new practical models of urban planning.

Representations and visualisations constitute the core of scientific enterprises. Models are used to represent and visualise the world in order to understand it (Giere, 1999; Morrison, 2000; Morrison/Morgan, 1999; Nersessian, 2008). Models are used to represent and visualise the world in order to understand it and to solve, related or independent to it, necessary to present results, to outline conclusions, to make predictions, to make decisions, to make plans, to make interventions, to make policies, to make laws, to make institutions, to make institutions work, to make institutions change, to make institutions change institutions, to make institutions change institutions change institutions, to make institutions change institutions change institutions change institutions, etc. Models are used to represent and visualise the world in order to understand it and to solve, related or independent to it, necessary to present results, to outline conclusions, to make predictions, to make decisions, to make plans, to make interventions, to make policies, to make laws, to make institutions, to make institutions work, to make institutions change, to make institutions change institutions, to make

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NOTES

1 On a Web site gathering references of artists working with networks, most of the time their mappings are not sufficiently precise and comparable: http://www.networkism.org/nw/index.cfm

2 With visualizations, practices are visually represented by a point, and the connection between the points forms a line of learning, while the parallel lines are the expression of a program of selected learning.

LIST OF ILLUSTRATIONS

Title **Figure 1. Learning lines of a dweller**

Caption *Vertical lines*: Figures are composed of vertical lines, defined above as variations in learning. Each right directed below exposes the mode of transport experienced by the dweller. The duration of the learning process is described by the length of the line.

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Title **Figure 2. Comparison of lines of learning and unlearning per dweller**

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Title **Figure 3. Comparison of lines of learning and ranking by quantity of learned skills per dweller**

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File image/jpeg, 164k

Title **Figure 4. Lines of learning, a model for the representation of urban spaces**

URL http://journals.openedition.org/articulo/docannexe/image/3233/img-4.png

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