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Four Dimensional Cities, Towards an Urban Paradigm Shift

Present cities, inscribed under the parameters defined by globalization must develop efficiently under a multi-functional dimension in order to address their own dynamics. Contemporary mega cities show the inability to cope with present demands imposed by contemporary modes of living, shaping the inflection point from where to analyze the deficiencies of present urban paradigm, established under the precepts of traditional urbanism. The premises adopted in the formulation of the Tetra Dimensional City Theory aim to contribute to establish a new system of thought, from where to board the re-conceptualization of present cities, by the redefinition of urban space, society patterns, global markets, property, urban governance, natural environment, urban and metropolitan transportation as well as the re-definition of public private realms heading towards an historic domain for human habitat. Finally, she presents a cutting edge Project that will act as the tool that, upon implementation, may draw a radical shift in terms of shaping future urban scenarios. S.A.T. Project will define the possibility to address a new conceptual re-formulation of the urban structure upgraded under a space time equation.

The differences between contemporary bi-dimensional cities (2D-cities) vs. the conception of a spatial-city (4D City) will be addressed as a paradigmatic shift in urban planning processes. Finally, she aims to board an introductory state to "Minilopolis Project" (4D City). A tetra-dimensional urban continent is defined under a three-dimensional transportation structure, from where to focus further theoretical and technological breakthroughs in the conception of a new urban order.