SYSTEMS THINKING

InPlanEd

SYSTEMS THINKING

Definition

Systems thinking is a set of synergistic analytic skills used to improve the capability of identifying and understanding systems, predicting their behaviours, and devising modifications to them in order to produce desired effects. Systems thinking in the context of urban planning is an approach that views cities and urban environments as complex, interconnected systems. It emphasises understanding the relationships and interdependencies among various components, such as infrastructure, transportation, social dynamics, and the environment. This holistic perspective helps planners analyse the dynamic and often unpredictable behaviour of urban systems, aiming for more effective and sustainable solutions.

References

Arnold, R. D. , Wade, J. P. (2015) A Definition of Systems Thinking: A Systems Approach.