

Environment and Water in the Conceptions of a Sustainable Architecture

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Abstract : In recent decades, calls for sustainable architecture based on environmental policies have been frequent. Despite a vast number of documents, technical procedures, and publications involving these themes, conceptions, and even architectural practice are often distanced from critical and methodological reflection on the relationship between environment and architecture. Among the various issues that we could consider in this relationship, we highlight in this article the relevance of water in the environment and in the architectural design. From documentary references and works carried out, we seek contributions to a better systematization and framing of water in architectural thinking. We distinguish, on the one hand, more conceptual issues that involve the environmental relationship of water, involving its cycle, relevance in the landscape, and infrastructural commitments. On the other hand, we highlight a more operative component, focusing on the place of water in the design process, from its perception in space-shape dimensions to more specific technical requirements that involve the interdisciplinary boundaries of architecture. In both approaches to water in architectural design, we seek to contribute to greater sensitivity and efficiency in the art of designing a more sustainable future.

Keywords : sustainability, environment, water, resilience design

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