

Water and Architecture Learning from past for future Floating Cities

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Abstract

Water is the most important source of life and livelihood for the continuity of life. Throughout history, in design disciplines such as city planning, architecture and interior architecture, which form the shell of life, different solutions have been produced to meet the needs of people with water. While the changing needs of life add new meanings to life with water, we witness the changing borders between sea and land. Although habitats on water seem like an alternative due to extreme climate changes, actually living with water is not a new concept. However, with the number of extreme climatic events as a result of human activities and the changing of the planet's climate, some issues and sensitivities have emerged in the evaluation of water. Not only extreme climate changes, but also increasing density, economic trends and sustainability issues have led to an increased focus on living with water. In this study, by trying to understand the positive features and possible problems of water cities that have survived from history to the present day and still continue their lives, they have been evaluated as sources that can provide input to the designs of water cities, which are seen as an alternative among the cities of the future. In this context, considering the historical processes and population densities, examples that can be considered as cities that contain public functions such as education, health and transportation have been selected. The guiding and instructive features of these examples from the past, which will provide a sustainable and healthy collective life, to the floating architectural examples of the future are discussed. As a result, by learning from the historical water villages, findings and suggestions are included to be an input for future designs. The originality of this study is the use of water villages, which have many post-use experi-

ences of life on water in history, as a learning tool in floating architectural designs.

Key words: *Living with Water, Floating Cities, Historical Water Villages, Climate Change*