European Water News

GOVERNANCE

Consequences of Climate Change and Flood Protection

building in and by the water impress the imagination of architects, but at the same time it faces then with pract Datlingone, across alla highlights innovative concepts and examples of successful interaction of modern architecture with water, while giving due consideration to climate change and safety aspects. These examples include presentations by eminent international architects such as Isful Teherani and Kosen Othnis at Arqua alta, from 10th to "Architecture and water".

Acqua alta has a section on "Maritime visions and projects", where star architect Hadi Teherani will present his "Living Bridge" project, a bridge with housing and shope on it. A Living Bridge is to be created in Hamburg, about 700 metres long and 60 metres wide, linking the inner city and the urban distincts to the south of the Elbs. "This concept for close by the water created an intensive urban relationship between old districts and rew, with all the chairm of a waterfront location and verse of both the old and new skylines;

The Living Bridge is the equivalent of an urban district with 1000 dwelling units. Their gives their dystident allowing in a prime location, without using up building land. The bridge will be a hybrid, multi-dimensional single of incidence. In Incident Programmer, which is a proper of incidence. In Incident Bridge Incidence, which is a single or promised and a broat distriction." Other facinishing webterwise is also a promised and a broat distriction." Other facinishing webterwise is also a promised and a broater and cyclist bridge comprising a link, across the water between too tower buildings in Coperhagen. "All of the lastification of the water and cyclist bridge comprising a link, across the water between too tower buildings in Coperhagen." "All of the lastification of the water and the substitute of the water and the

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The Dutch architect Koen Olthuis builds his structures directly on the water, the will make a presentation at acque alto an "Climate change as a challenge for architects and unban planners" and present the protect. The New Netfer, a floating housing estate. That is a response by the Netferlands to the rise in wester level. Some 120 floating develop unban are being built to the northwest level. Some 120 floating develop unban are being built to the northactive state of the second second second second second second second as a drained area that was formerly a polder, with a largift of 2500 and width 500 metres, which will be flooded state completion of the value of the second sec

Alongside these specific projects, the forum at acous alta also covers new approaches to flood definess for buildings near the water. For example Infe. firit Pasche, tread of the Hydrology Department of the Istamburg University of Technology, examines the opportunities and fleasibility of integrating cultural foods of the Infection and readility of integrating cultural flood defines have always been designed purely in terms of function and stock, while also considering the needs of the natural environment. Two it is time to take acoust of the cultural aspects and the needs of people as the first and the contract of the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the cultural aspects and the needs of people as the needs

One way of doing that is flood defence systems made of glass, which have been integrated into the landscape at Timmendorf Beets the Baltic Sea coast, to avoid obstructing views out to see. "Cultural protection" is a challenge to engineers and when planners", says Prof. Psach, "and sometimes it can lead to helated dobbtes. "For example the plans for Landerburg by the East be blad flood defence with a wire to be cannot be seen to be all food defence with a wire to a coartier counted land. Prof. Psache also presents innovative ideas applied in Hamburg's HalferColl Psache.

HafenCky is also the subject of Prof. Jörn Walter, Senior Construction Engineer of the Cky of Hamburg, at the "Land use conflicts" form. He will use the example in Hamburg to present urban land use and settlement structures in river areas. Hamburg is faced with particular challenges for flood protection in HafenCity. One of the responses to that is the Mound Concept, where the buildings are constructed on raised plots of land.