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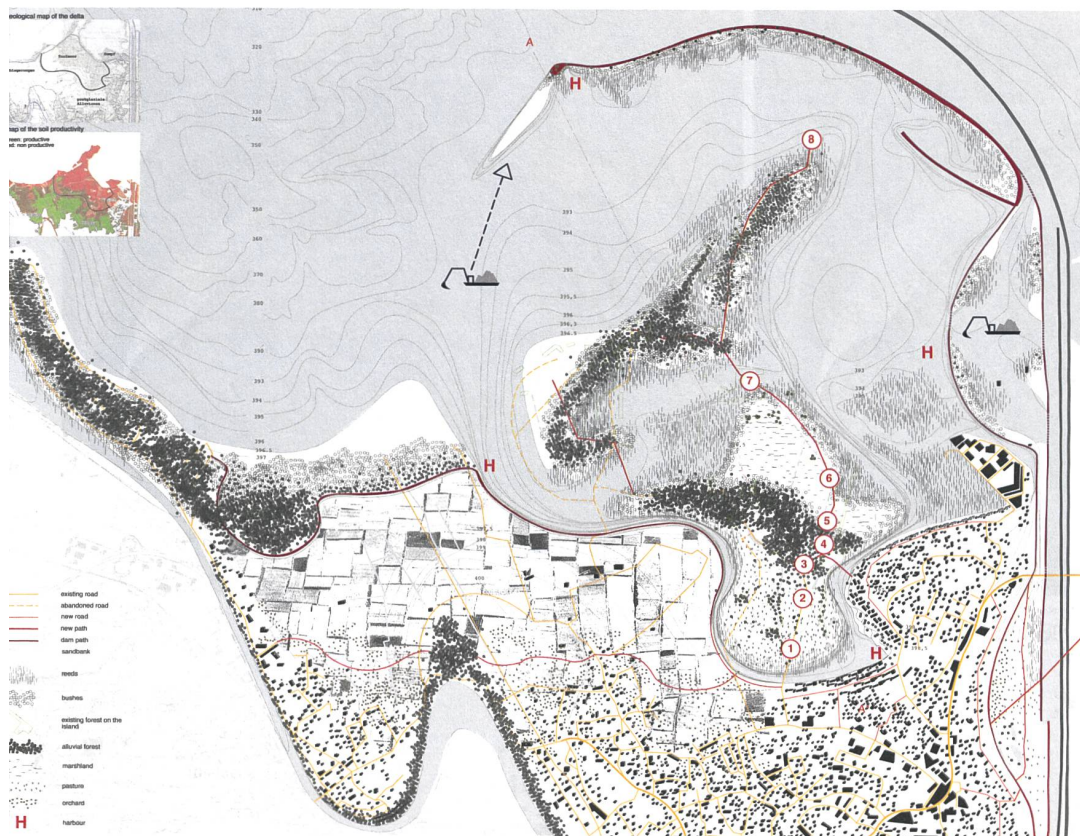
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site plan



RHYTHM AND BLUES

Sabine Gresch, Chantal Wuhrmann

To resolve the flood and sedimentation problems in the Rhine Delta we propose a design that works within the currently existing Rhine River system and expands the floodplain of Lake Constance. By shifting the levees at the left side of the New Rhine, the river gains more space in times of normal water flow and for times of heavy flooding. The design of the new levees references to the rhythm of the former river's arms meandering their way into Lake Constance. This proposal makes the Rhine and its flood plains accessible and attractive for recreation. At the same time, different kinds of biotopes gain new space along the river.

The change in direction of the levees going into Lake Constance allows the sediments to create new land to be used for recreation and impacts the character of the

water around the nature reserve by expanding shallow water vegetation. In this way, a large part of the sedimentation will be collected in the inlet, protecting the source of drinking water of around 4 million people. By removing the dykes along the lake at the narrowest part of the Rhine Delta, a huge zone will work as a dynamic marshland in the future – assimilating the blues of the lake. A new canal will allow for town development concentrated along a new waterfront. Our project makes water accessible for recreation and creates vast ecologically valuable terrains with specific spatial and temporal characteristics.

plan of rhine canal intervention

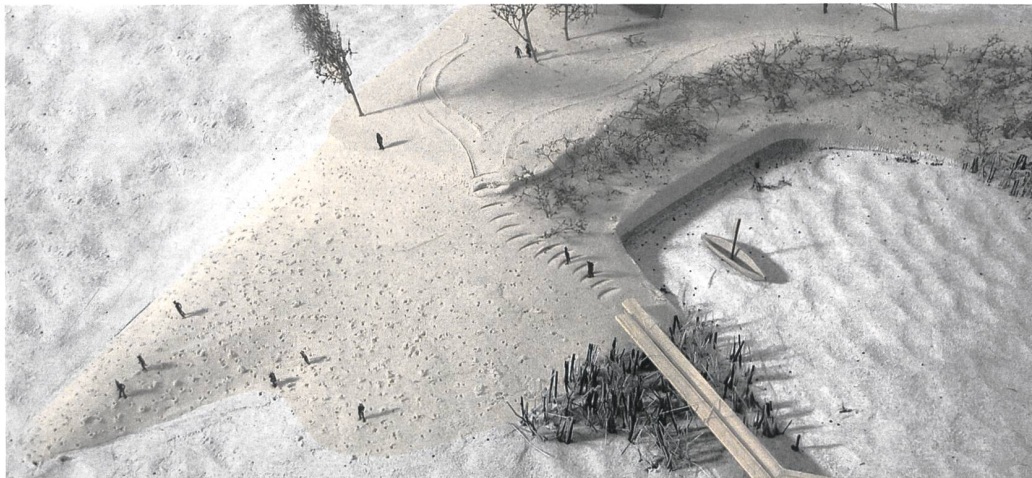


elevation of rhinespitz



elevation of inland canal

site model



plan of the rhinespitz

