



# 2008 STUDENT LANDSCAPE ARCHITECTURE DESIGN COMPETITION PRIZE WINNERS

<b>FIRST PRIZE</b> <i>IFLA Group Han Prize for Student Landscape Architecture</i>	<b>TITLE</b> <i>Kemet</i> <b>AUTHOR(S)</b> Philipp R.W. Urech <b>INSTITUTION</b> Department of Architecture, ETH Zürich, Zürich, Switzerland
<b>SECOND PRIZE</b> <i>IFLA Zvi Miller Prize</i>	<b>TITLE</b> <i>Landscape Architecture for Need/Slums</i> <b>AUTHOR(S)</b> Tomas Degenaar <b>INSTITUTION</b> Department of Landscape Architecture, Wageningen University and Research Centre, Wageningen, Netherlands
<b>THIRD PRIZE</b> <i>Merit Award</i>	<b>TITLE</b> <i>Waving Mat</i> <b>AUTHOR(S)</b> Li Jingzhu, Zhao Yue, Yuan Shouyu, Ling Chunyang, Chen Jing <b>INSTITUTION</b> Urban Planning, School of Architecture, Tianjin University, Tianjin, China
<b>JURY AWARD</b>	<b>TITLE</b> <i>Mud vs Drug</i> <b>AUTHOR(S)</b> Zhang Zhenwei, Yang Mi <b>INSTITUTION</b> Department of Landscape Architecture, Tsinghua University, Beijing, China
<b>JURY AWARD</b>	<b>TITLE</b> <i>Testinggrounds</i> <b>AUTHOR(S)</b> Valentina Milani, Mario Assisi <b>INSTITUTION</b> Department of Landscape, Facolta di Architettura di Ferrara Universita degli Studi de Ferrara, Italy
<b>JURY AWARD</b>	<b>TITLE</b> <i>Filter Instigate Activate</i> <b>AUTHOR(S)</b> Alexandra Farrington <b>INSTITUTION</b> Faculty of Architecture, Landscape Architecture and Visual Arts, University of Western Australia, Perth, Australia
<b>JURY AWARD</b>	<b>TITLE</b> <i>RhizoTopia</i> <b>AUTHOR(S)</b> Jinglan Wang, Duanchai Samimi <b>INSTITUTION</b> Department of Landscape Architecture and Regional Planning, University of Massachusetts, Amherst, USA

JURY AWARD	TITLE AUTHOR(S) INSTITUTION	<i>Delta Palancia</i> Jorge Moreno Higuera Master in Landscape Architecture, Universidad Politecnica de Valencia, Spain
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<b>FIRST PRIZE</b> <i>IFLA Group Han Prize for Student Landscape Architecture</i>	<b>TITLE</b> <b>AUTHOR(S)</b> <b>INSTITUTION</b>	<i>Kemet</i> Philipp R.W. Urech Department of Architecture, ETH Zürich, Zürich, Switzerland
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## JURY NOTES

This project involved the transformation of the delta of the Alpenrhein through a process of progressive sedimentation which is used to make a new settlement. It responds to a real issue in the area.

There was an interesting contrast between the natural land form and human process. It takes into account the natural dynamic forces and works creatively with them adapting to the dynamics in the water cycle. It responds well to the regional climate and the to the locality and included effective photographs that conveyed the character of the area.

This project shows valuable strategic approaches as well as strong graphic representation, and was clearly presented.



# KEMET

MASTERPLAN 1:15 000

## SYNOPSIS

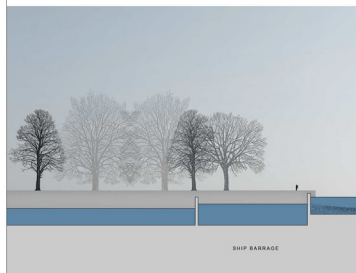
THE RHINE DELTA IS THE FINAL DESTINATION OF A BROAD VALLEY NETWORK WITH LARGE AMOUNTS OF SEDIMENT ORIGINATING FROM THE ALPS. THE ALPENREIN (THE SEGMENT BETWEEN THE CONFLUENCE OF THE HORNER- AND HINTERREIN AND THE LAKE OF GOMTINCE) TRANSPORTS 2.8 MILLION M<sup>3</sup> OF MATERIAL EACH YEAR INTO THE LAKE. CONSEQUENCE: A VOLUME CORRESPONDING TO A SOCCER FIELD ELEVATED TO SHOW THE LAKE WILL BE ENTIRELY FILLED WITH SEDIMENT WITHIN A FEW THOUSAND YEARS. THE RHINE CORRECTION WHICH TOOK PLACE OVER A HUNDRED YEARS AGO, AIMS TO PROTECT THE SETTLEMENTS AND BRINGS THE SEDIMENTS FAR OUT INTO THE LAKE IN ORDER TO FILL THE DEEPEST AREAS. DUE TO GLOBAL WARMING, FLOODING EVENTS ARE BECOMING STRONGER AND MORE RECURRENT IN THE ALPS.

## VISION

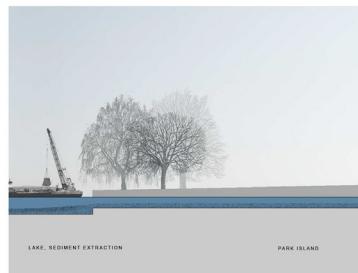
KEMET, IS ONE OF THE ANCIENT NAMES OF EGYPT AND DERIVES FROM THE FERTILE SOILS DEPOSITED BY THE NILE FLOODS. THE PROPOSAL WANTS TO INCREASE LIFE AND ATTRACTIVITY IN THE DELTA BY USING WATER AS AN ELEMENT. THE PRESENT RHINE CORRECTION IS AN ENGINEERING SOLUTION THAT DENIES THE CITIES TO ESTABLISH ANY PHYSICAL OR VISUAL RELATIONSHIP WITH THE RIVER. THE PROPOSED INTERVENTIONS SOLVES THE PROBLEM BY USING THE SEDIMENT EXTRACTED FROM THE RHINE TO REPAIR THE RIVERPOINT AND TO RAISE THE LAND'S LEVEL (NORTH OF HOCHST). NEW SETTLEMENTS WILL COMPLETE THE URBAN BELT AROUND THE DELTA AND REUNITE THE SCATTERED CITIES.

## STRATEGY

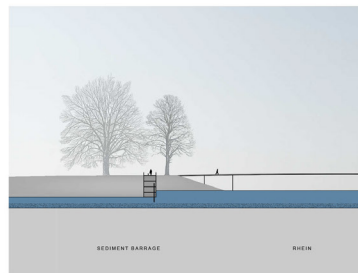
THE PROJECT FOCUSES ON THE DELTA'S SUSTAINABILITY. BEING HEAVIER, SEDIMENT CAN BE SELECTED FROM THE RHINE RIVER AND LEAD INTO SLOW FLOWING BASINS. THE DEPOSITED MATERIAL WILL BE EXTRACTED BY ONGOING OPERATIONS AND USED TO CREATE NEW FLOOD ZONE AREAS FOR SETTLEMENTS. THE TRANSFORMATION OCCURS BY SHIP USING A MAIN CANAL AND A NETWORK OF RHINE CANALS, SOME ALREADY EXISTING. LINKED TO THE LAKE AND THE URBAN POOLS, THE BACKGROUNDE CANAL, PERPENDICULAR TO THE RHINE AXIS, CREATES A DEFINED LIMIT BETWEEN THE URBAN AND THE NATURAL AREAS.



SHIP BARRAGE



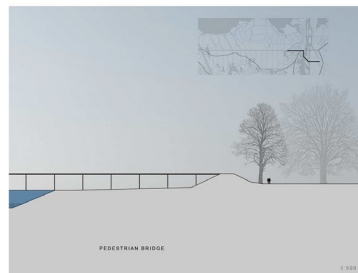
LAKE, SEDIMENT EXTRACTION



PARK ISLAND

SEDIMENT BARRAGE

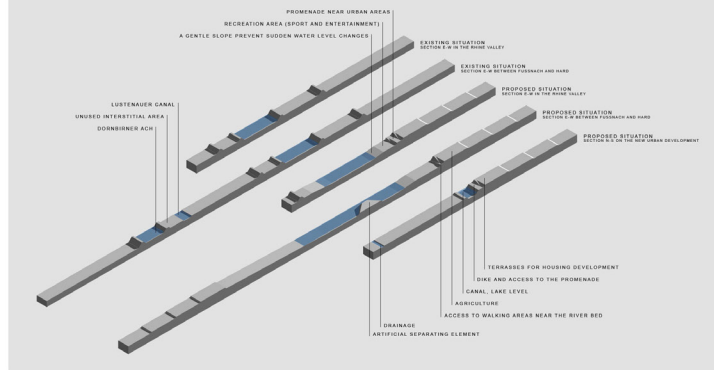
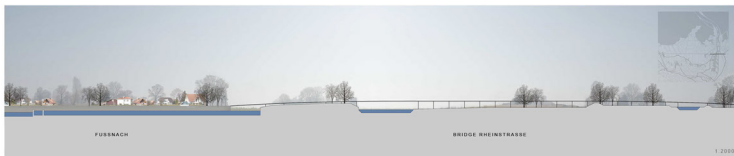
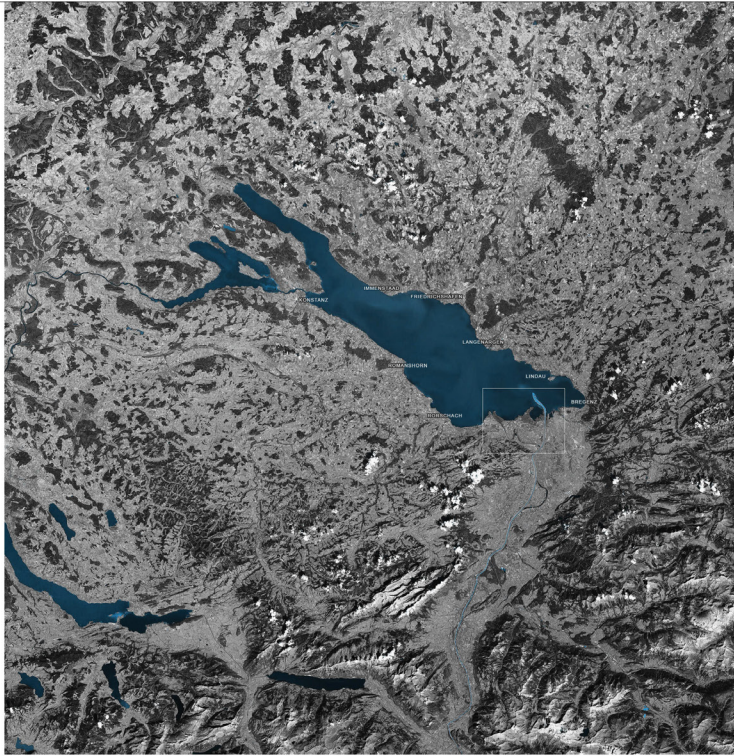
RHINE



PEDESTRIAN BRIDGE

1:15 000





<b>SECOND PRIZE</b> <i>IFLA Zvi Miller Prize</i>	<b>TITLE</b> <b>AUTHOR(S)</b> <b>INSTITUTION</b>	<i>Landscape Architecture for Need/Slums</i> Tomas Degenaar Department of Landscape Architecture, Wageningen University and Research Centre, Wageningen, Netherlands
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## JURY NOTES

This project involves consideration of a difficult set of issues in the Bangladesh slums. It dealt sensitively with the cultural setting and human issues, and recognised the need for designers to respond in a culturally appropriate way. It underlines the ethical responsibility of landscape architecture to tackle difficult issues.

The project is process-oriented rather than object-oriented, while still achieving a sound site plan and development.

The project was clearly presented, and avoided the all too common temptation to resort to flashy graphics, opting instead for an economical and effective set of drawings and text, supplemented by carefully chosen photographs.

<b>THIRD PRIZE</b> <i>Merit Award</i>	<b>TITLE</b> <b>AUTHOR(S)</b> <b>INSTITUTION</b>	<i>Waving Mat</i> Li Jingzhu, Zhao Yue, Yuan Shouyu, Ling Chunyang, Chen Jing Urban Planning, School of Architecture, Tianjin University, Tianjin, China
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## JURY NOTES

This project proposes making new land in a tidal flat coastline. It is an intelligent combination of a technical approach with a high esthetic quality. This is an important issue for all coastal areas throughout the world in dealing with storms and floods, and creating new habitats for flora, fauna and human settlements. It projected a long term perspective, and thoughtfully presented evolution for fifty years out.

It results in a good combination of landscape architecture, architecture and technology, and incorporated understanding of natural strategies. The work was well presented in terms of organization, schematics, plans and perspectives.

JURY AWARD	TITLE AUTHOR(S) INSTITUTION	<i>Mud vs Drug</i> Zhang Zhenwei, Yang Mi Department of Landscape Architecture, Tsinghua University, Beijing, China
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## JURY NOTES

The project was a bold, clearly presented proposition to change land uses from heroin production to food production, and illustrates that landscape architecture can be an agent of political change.



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## JURY NOTES

This wonderfully represented project poses intelligent questions rather than perfect answers, and was an artistic approach to dealing with a metropolitan environment.

JURY AWARD	TITLE AUTHOR(S) INSTITUTION	<i>Filter Instigate Activate</i> Alexandra Farrington Faculty of Architecture, Landscape Architecture and Visual Arts, University of Western Australia, Perth, Australia
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## JURY NOTES

This project was a richly illustrated, thoroughly explored approach to the reconnection of a western Australian settlement to its landscape.

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## JURY NOTES

This project combines the knowledge of purification of water by plants with an urban development scheme.

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## JURY NOTES

This project was a competent, professional approach to regeneration of a delta in Spain.