



Country / City United Kingdom/ Scotland/ Edinburgh  
University / School University of Edinburgh, ESALA - Edinburgh School of Architecture and Landscape Architecture  
Academic year 2019-2020  
Title of the project Reimagine Urban Landmarks - the Akersnes Peninsula  
Authors Yanqin Pan

## TECHNICAL DOSSIER

Title of the project	Reimagine Urban Landmarks - the Akersnes Peninsula
Authors	Yanqin Pan
Title of the course	Landscape Architecture Portfolio 3 & Landscape Architecture Portfolio 4
Academic year	2019-2020
Teaching Staff	Lisa Mackenzie (Studio Unit Lead), Christopher Gray (Tutor), Elinor Scarth (Course Organiser and Programme Director)
Department/Section/Program of belonging	EESALA - Edinburgh School of Architecture and Landscape Architecture/Postgraduate MLA programme
University/School	University of Edinburgh



This project seeks to embody a change in attitude towards future urban development by embracing the theme of 'Degrowth' and the implications of this term for the discipline of Landscape Architecture. The project seeks to redefine the relationship between landmarks and the urban environment by shifting impetus from the 'landmark' demonstrating power, wealth and status towards new forms of spatial and compositional typologies that can contribute more meaningfully to socio-environmental ecosystems in the city of Oslo.

The work is sited in the Arkersnes Penninsula, which as a place, has made a highly significant contribution to Oslo's historic culture and economic growth. The project seeks to make a translation between the theory of the degrowth movement (which seeks to promote an active downscaling of the economy as a pathway to environmental sustainability) and what that might mean in terms of taking a landscape led approach to waterfront design. The project advocates for a slowing down, seeking sunlight, water and wind to bring the site to life and breathe in new dynamic interactions and opportunities for urban life; environment and ecology co-exist.

By breaking the original boundaries that exist on the site and exploring inside and outside and above and below ground relationships the design seeks to engage a renewed experiential relationship with the physical elements of the site and allow dynamic environmental forces to intervene in the future shaping of this stretch of urban coastline.

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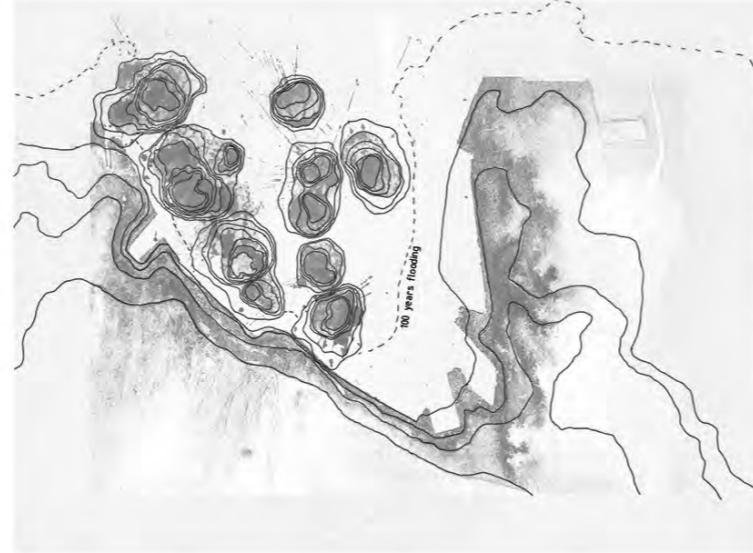
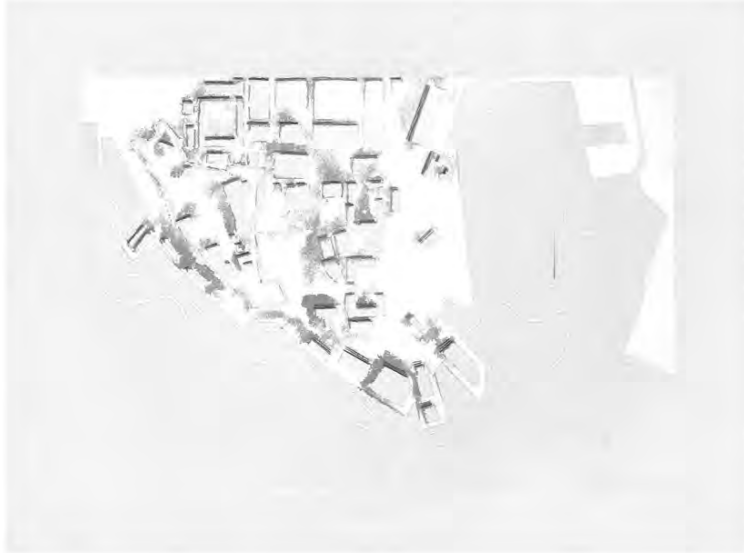
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# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE

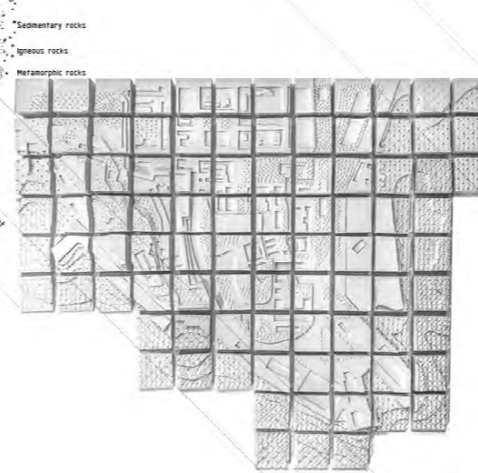


Traces of Nature

Refocusing on nature-based interventions and interweaving will allow the dynamic natural factors such as sunlight, rain, seawater, and wind to become the initial drive of shaping the site.

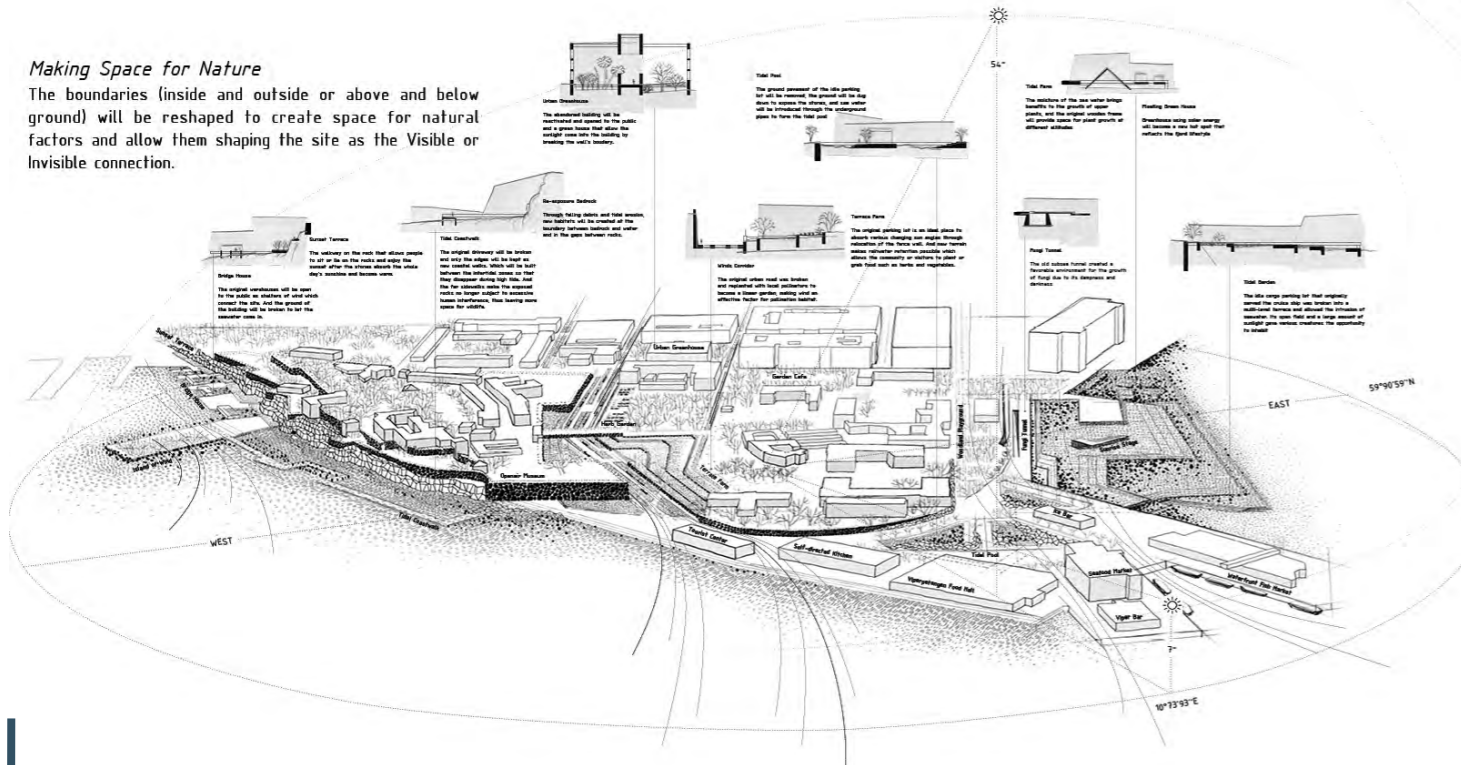


Below the Ground  
green spaces  
feature congregated by glass movement

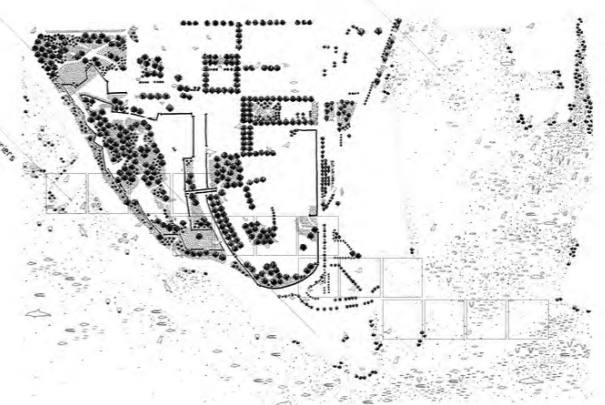


Making Space for Nature

The boundaries (inside and outside or above and below ground) will be reshaped to create space for natural factors and allow them shaping the site as the Visible or Invisible connection.



Above the Ground  
urban fragmentation by anthropogenic barriers





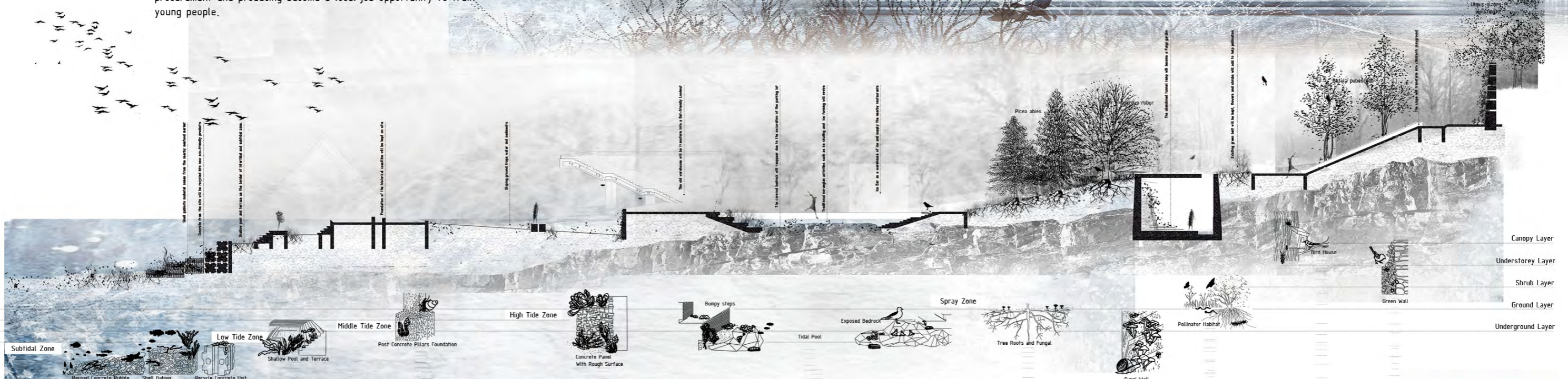
### Tidal Garden

- Bringing nature back to the city through the intervention of water

After hundreds of years' reclamation, East Akersnes was almost a completely reclaimed parking lot, which is now abandoned due to the car-free policy. In the future, the tidal garden will become an alternative to this site as a resilient landmark in the coastal city. By designing a multi-story terrace between high tide and low tide which allows the intrusion of seawater to form the open space with ecologically sensitive borders.

- Getting water back is not negative, but opens up a new 'surface and subsurface' possibility

Rebut a resilient coastal edge that embraces and supports the dynamic change and supports MICRO Fjord Ecology to increase biodiversity and water quality. Material selection is from local sources and selected to minimize environmental impact. Also, material procurement and producing become a local job opportunity to train young people.



Phase	Pre-Construction	Post-Construction	Construction of steps and casting	Engineered construction	Engineered construction	Groundworks, Construction and Casting	Engineered Construction	Planting Enhancement	Existing Const
Phase 1	Pre-Construction	Collected prior to construction							
Phase 2	Engineered-Construction	Post-Construction	Construction of steps and casting	Engineered construction	Engineered construction	Groundworks, Construction and Casting	Engineered Construction	Planting Enhancement	Existing Const
Phase 3A	Topographic - Groundworks	Post-Construction	Post Engineered construction			Post Engineered construction	Post Engineered construction		
Phase 3B	Micro Flora and Fauna Implementation		Planting				Planting		
Phase 4A	Tree and Shrub Planting								
Phase 4B	Micro Flora and Fauna Accumulation								Place on Site
Phase 5	Project Enhancement								





### The Island of the Winds

- Creating a comfortable open-air environment and encouraging interaction between substances

Affected by the special climate of Oslo, the ever-changing sunlight and wind can become positive environmental factors for promoting ecology. While sunlight provides the energy plants need to convert carbon dioxide and water into carbohydrates and oxygen, the wind become the engine to encourage the exchange of interaction between substances which drives the flow of pollen and seeds, water and mist.

- Developing landmarks in relation to green infrastructure and nature-based solutions.

Salix was among the earliest recorded pre-Ice Age flowering plants usually use as pioneer tree species that can grow in storm-damaged areas. Therefore it could be an ecological factor has great value for wildlife as pollen source, nectar provider, and forage plant. And also as a positive means to improve the soil quality of the original reclamation soil.

Meanwhile, the growth process of a coppiced salix also brings a lot of products that help to enhance people and nature 's connection and developing gathering space to create open spaces and employment opportunities for local performers or artists to interact with the community or visitors.

