

Country / City Norway/Oslo  
University / School Oslo School of Architecture and Design  
Academic year 2017  
Title of the project A Bath of Ice and Fire - Geothermal Bath Design, Changbai, China  
Authors Yan Zou





# PERFORMATIVE NATURE

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SCHOOL PRIZE

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Máster d'Arquitectura del Paisatge -DUOT - UPC

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## TECHNICAL DOSSIER

Title of the project A Bath of Ice and Fire,Geothermal Bath Design, Changbai Mountain, China.  
Authors Yan Zou  
Title of the course Master Diploma Project  
Academic year 2017  
Teaching Staff Luis Callajes and Gauthier Durey  
Department/Section/Program of belonging Institute for Urbanism and Landscape  
University/School Oslo School of Architecture and Design

Written statement, short description of the project in English, no more than 250 words

There is nothing better than recharging and rejuvenation in water, especially when it is in a natural setting. But if bathing is an immerse experience,both literally and conceptually, why do so many people keep their clothes on?

The project aimed at designing a bathing experience that is a spiritual renewal, through physical cleansing within a pristine landscape setting. Slower pleasure in waters help to reconnect us to nature in an increasingly water-stressed era. Nudity companion as a catalyst for creating community. Ergonomics and topography fit into the pools, thus creating a unique temperature-scape that heals.

For further information

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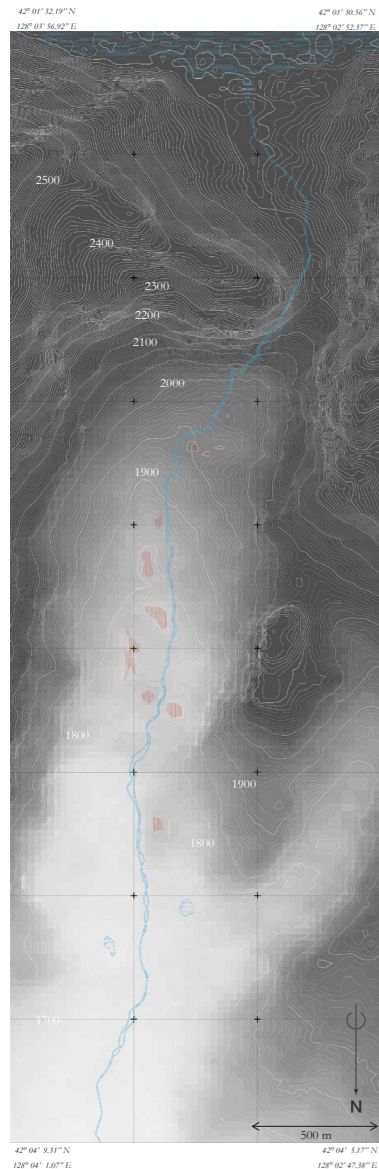
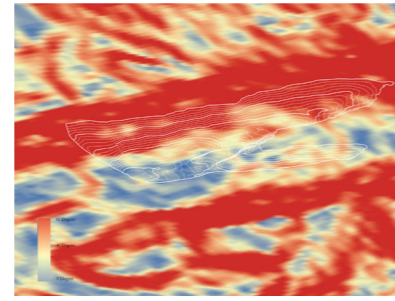
Consult the web page <http://landscape.coac.net/>



For now, the Changbai Mountain range area works as a national park (point on screen), open from 8-16 o'clock everyday, in a name of "protection". Through the mapping phase, I found a interesting thing between artificial and nature hot spring.

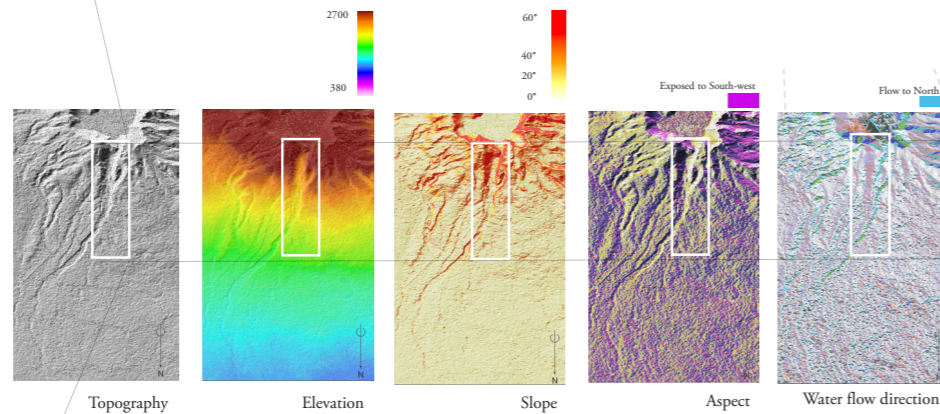
In the north side of the region, there already exists several spring resorts, but they are all artifical because the heat source doesn't come from the nature.

But there is a posibility for a real intensified thermal experience becuse there exists a natural heat source in the valley.



Geothermal heat distriubuts in the bottom of the valley. The temperature distincts from 40-80 degree Celsius. at altitude of 18-20 hundred there is a timberline vegetation--birche. Even though there are four landscape belts from the foot to the top of the mountain, there is only one type here.

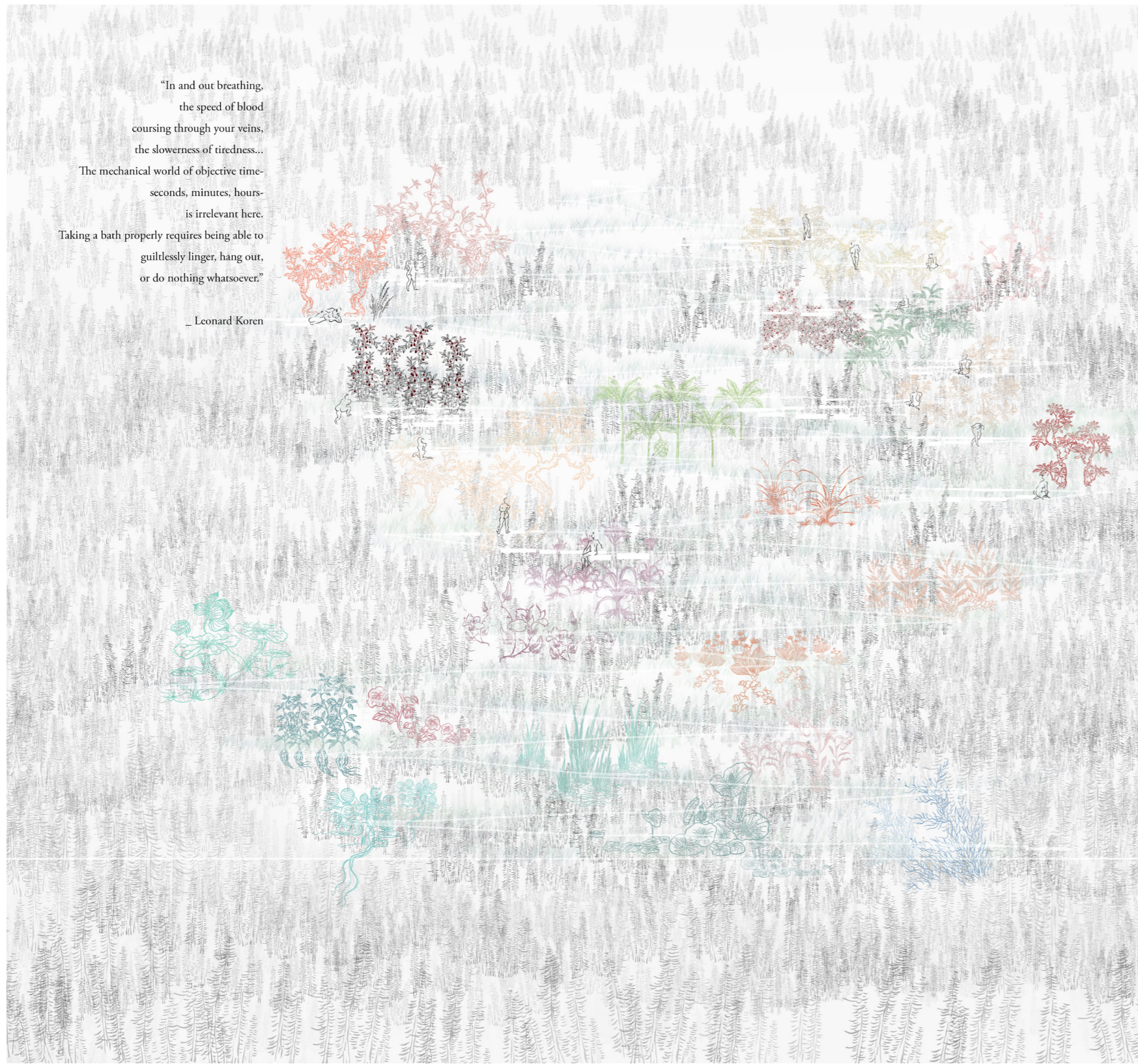
I was wondering, how can geothermal heat create new atmospheres and invite new landscapes to happen.



The future bathing landscape is located alongside a mountain slope, within a mountain forest ecosystem and part if one if the China's best-preserved nature reserves.

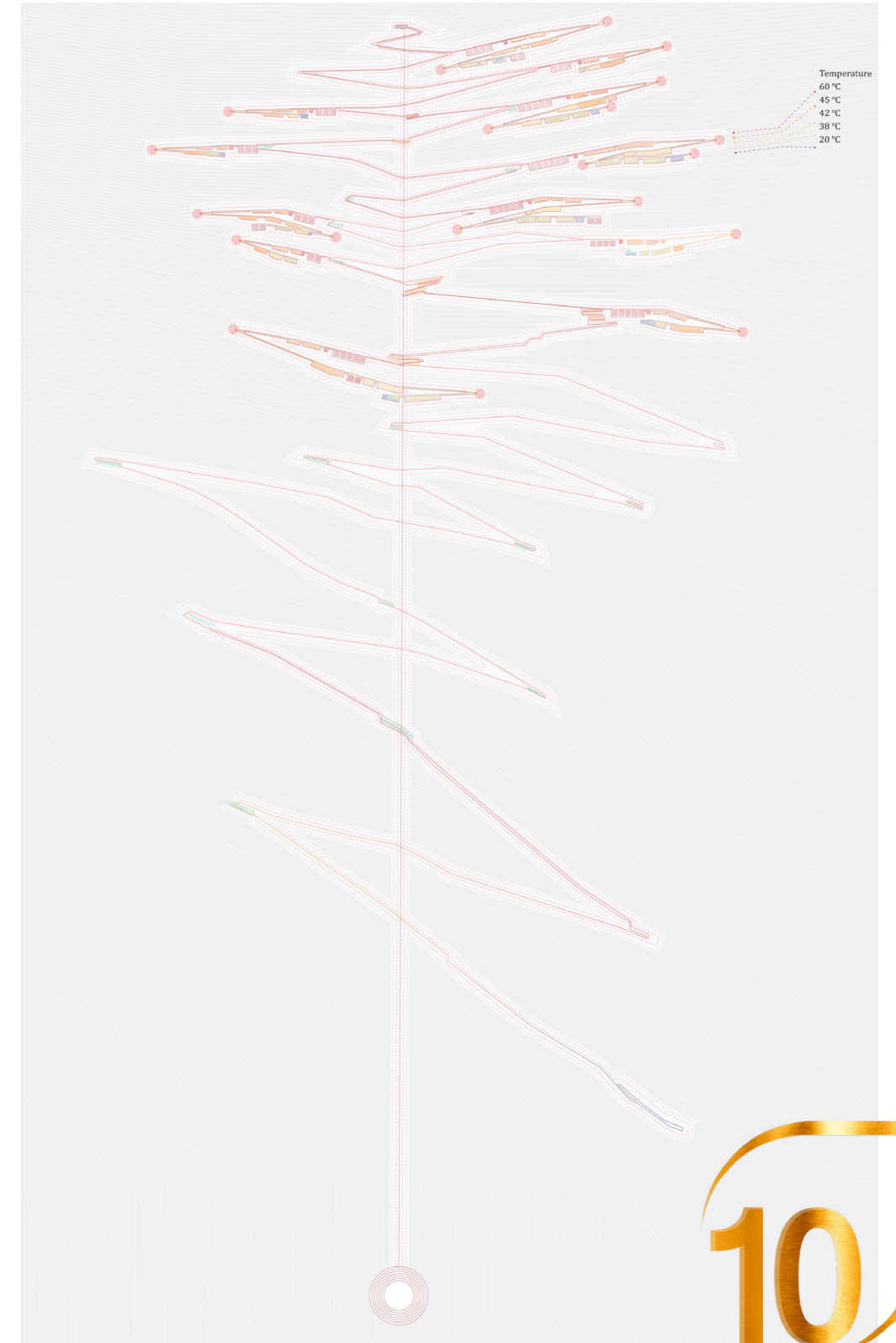
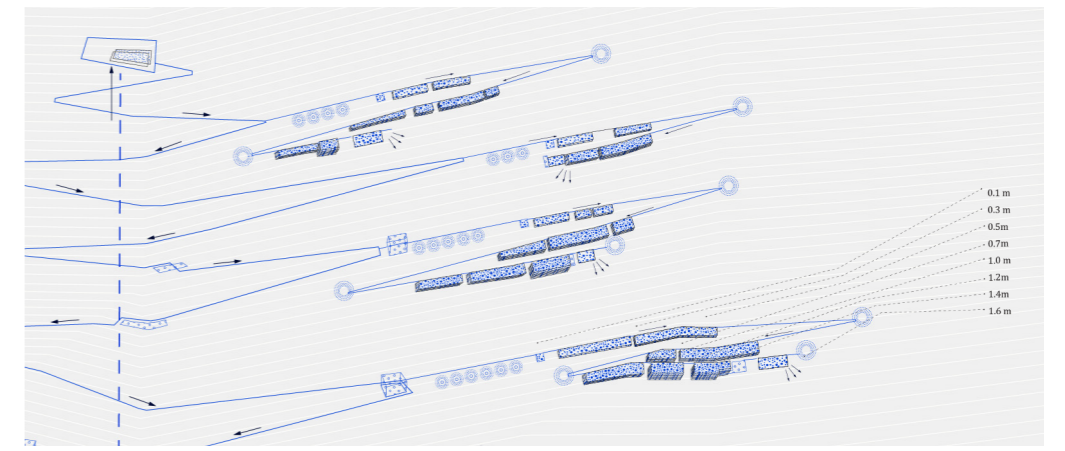






“In and out breathing,  
the speed of blood  
coursing through your veins,  
the slowness of tiredness...  
The mechanical world of objective time-  
seconds, minutes, hours-  
is irrelevant here.  
Taking a bath properly requires being able to  
guiltlessly linger, hang out,  
or do nothing whatsoever.”

— Leonard Koren



While the water is being sourced by a thermal well, I proposed to artificially elevate the thermal waters to the top of the bathing landscape through a pumping system. Once the water has arrived at the top, its released into a gravitational system that connects all of the pools. The water then flows naturally, cooling on its way downward, connecting hot pools with colder pools on the bottom.

The slope of the ramp is 1:20. And it also helps create bathing space in the landscape

During the mountain climbing, the turning points on the path became the viewpoints.



