Abisko
-Visitors Observation Center

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Abisko
Visitors
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Yuni Hua
Abstract

My master thesis aim to propose a visitors observation center in Abisko National Park in the north of Sweden. As a center the program this building aim to provide a interesting place between to learn and experience Nordic Arctic climate and astronomy for public. At same time This building also want to exhibit the local Sami culture. The building perspective considers how to integrate with the relation to landscape in a new norrland understanding of place and identity. The architectural objective is to find balance between big structure intervention and original nature to create a place connect mountain and lake while providing a space for interesting and engaging learning environment.

A Building adapt for Extreme Condition

Recent climatic changes have presented extreme design with an even greater motivation to address adaptability and mobility and it is a fact worth noting extreme conditions buildings have gradually grown more and more capable of providing their inhabitants with comfort, protection from the elements and therefore further possibilities to study the polar regions in way to explore the new approach to building structure and appearance. I think the environment can give a more design potential to architecture through this project since we have expand more territory in our field of extreme condition architecture.
Abisko is a village in Kiruna municipality, near Abisko National Park. The Kungsleden hiking trail, or King’s Trail, starts (or ends) here. The national park is known for its cross-country skiing opportunities, snowshoeing, and other winter sports. Mount Nuolja and nearby Björkliden provide Backcountry skiing and snowboarding experiences. Abisko also offers some of the world’s best aurora borealis viewing spots. Summer visitors enjoy the midnight sun, while winter visitors may find the light pollution-free location ideal for viewing the aurora borealis.

In the cities of the Arctic Circle, dramatic change is afoot. The region faces challenges most obviously from environmental change, but economic and cultural challenges also lie ahead, thanks to factors such as the decline of the mining and fishing industries that supported many of the Arctic’s settlements. Eco-tourism is fast becoming one of the Global North’s prominent industries, and the rapid modernization among Northern indigenous communities.

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**Arctic Circle**

**Site plan**

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1  Lobby & Cafe
2  Reception
3  Staff room
4  Sauna
5  Restaurant
6  Kitchen
7  Sami Experience Area
8  Video room
9  Nature Observation room
10 Exhibition
11 Hostel
12 Astronomy Observation room