Glacier metamorphosis, Climate change and Melting alps

Adapting to the environment

Introduction of new tourism where people can come and experience the space, both internally and externally. The glacial water storage frozen in winter would be a platform to host different winter sports activity for the locals and also for tourists. The restructuring of glacial runoff water into a new form would set a mark in the future landscape giving a new definition to dams and reservoirs.

In deep introducing human activity into the program would encourage people to learn more about glacial water resource and its importance. spreading awareness about climate change its impact on ecosystem. Every storage system is supported with a built structure hosting different type of activity according to need and arrangement.

The sensitivity of alps and its landscape forces us to build or create something coherent, responding to the environment and landform. The built environment helps in translating the issues faced by alps and glaciers into people by hosting conferences, activities, programs and exhibitions. The same unit is transformed into different functions according to arrangement and position in the land. The flexibility of interior allows the space to host different activity. Each unit is accompanied with a platform for visitors, researchers and also for the accessibility.

As the glacier recedes there are considerable changes to the environment. The future depends on us, our action. The need of resource management and preservation only grows right in time. The encroachment of tree lines to the mountains as the snow cover reduces and increase of glacial pond due to the melting are direct impact of climate change. As per the datas and analysis, we can forecast a considerable decrease in the nival vegetation and direct impact on the ecosystem. This induces a series of hazard to the environment and biodiversity.