

Eleven Movements of the Cryoscape

Eleven Movements of the Cryoscape is a real-time sonic documentation of the movement and melting of The Greenland Inland ice. 'Sonifications' of seismic signals - movements of the waves that travel through the earth and ice from the ice sheet, sea ice, ocean tides, ice streams, ice bergs, calving fronts, and glaciers - from eleven different locations in Greenland are transmitted by eleven speakers, allowing us to listen beyond the range of the human ear. We listen to ice, wind, waves, earthquakes and human activity on the island. The wind speed at each of the locations controls the volume of each seismic transmission to highlight how multiple environmental factors are interconnected in relation to ice as a body of knowledge, towards identification of climate change.

The installation portrays the Inland ice as a living, breathing, evolving organism in the age of the Anthropocene, where human beings have made their mark on the soundscape. Beyond the anthrophony of the 'human made sounds', we are meta present in the changes that occur to the natural sounds over time. The near-real-time streams of seismic data and wind data are provided by GLISN (a network of seismic sensors), and PROMICE (a network of weather stations), normally uses for scientific monitoring of the Inland Ice. The installation plays back the most recent data available which is usually processed and transmitted within the past hour - just a blink of an eye in the context of geologic time.