

# OREGON MUSEUM OF CLIMATE SCIENCE

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This studio is proposed in response to the IPCC's 2018 report that predicts temperatures will rise between 1.5°C and 2°C over per-industrialized levels by 2052 with catastrophic impacts to sea-level rise and extreme weather events. Despite this grim outlook, a recent poll\*\* found that 3 in 10 Americans still do not believe that climate change is caused by human activity. Sustainable architecture is a step in the right direction, but in order to affect real change, we must impact education and legislation that supports reduced carbon emissions. Solutions to our collective climate crisis will necessitate drastic new ideas and invasive interventions with an 'all hands on deck' approach. As of today, there are only two museums in the world dedicated to climate change: the Jockey Club Museum of Climate Change in Hong Kong (<http://www.mocc.cuhk.edu.hk/en-gb/>) and The (new) Climate Museum in NYC (<http://climatemuseum.org>).

This studio will propose a new Museum for Oregon to educate people about the severity of our climate crisis in the pacific Northwest. Only 42% of Americans believe that climate change will cause a serious threat in their lifetime, but for many Oregonians, these threats have already begun in the form of drought, forest fire, and coastal erosion. Can a museum change the way we think about climate and our role in its transformation? This studio will promote unconventional approaches to exhibition design, positioning the building and site as a machine for human-climate interactions.

\*Pre-requisites include ARCH 384/682

\*\*[https://news.gallup.com/topic/category\\_climate\\_change.aspx](https://news.gallup.com/topic/category_climate_change.aspx)



Norway's Teknisk Museum 'Klima X' exhibit  
Credit: Lynn Rosentrater/flickr



Diller Scofidio Renfro:  
The Blur Building on Lake Neuchatel, Switzerland