

In physical asset management, planning horizons are often long term, starting at 5 years and reaching even up to 50 years. In light of the rapidly changing climate, there is a need to re-evaluate our existing predictions and incorporate how climate change will impact the life of a long-lived capital asset. For example, how will extreme heat affect the longevity of roads? How will flooding impact the predicted lifetime of buildings?

In this project, students will be tasked with estimating the marginal impact of climate change on the health index of equipment.