

Impacts of Atmospheric Reactions on Air Quality

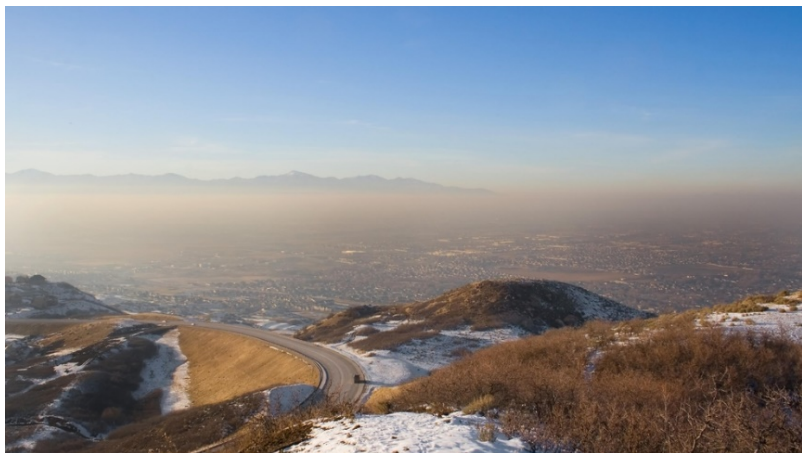


Image shows poor air quality observed in the wintertime in Utah. Image from KUTV

In winter, air quality deteriorates in many parts of the U.S. where inversions trap pollution near ground level. Reactions between atmospheric particles and trace gases are partly responsible for these air quality issues. This PhD project will require a student to perform laboratory and field studies to study and test chemical pathways responsible for episodes of poor air quality in regions of the U.S.