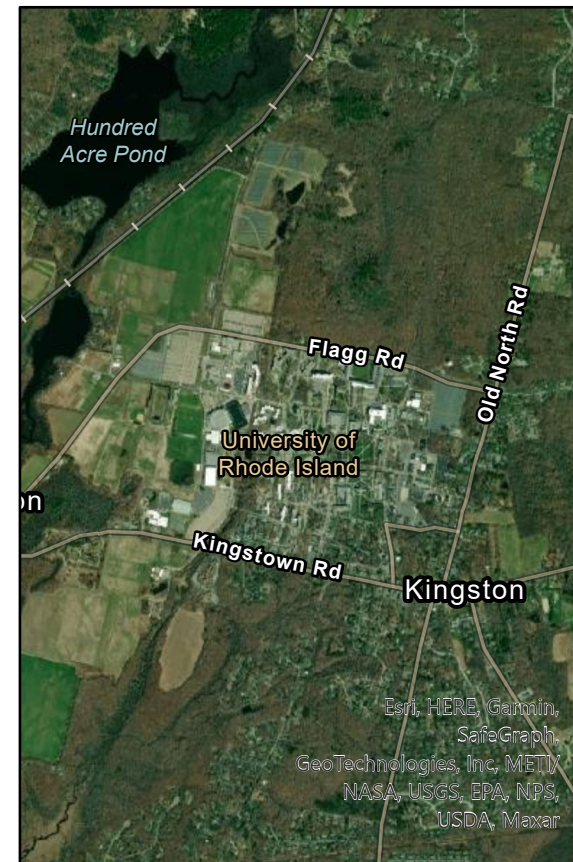


February



July



Imagery for Reference

For Coding Challenge 10, I was interested in looking into the difference in the NDVI of February versus July in and around the University of Rhode Island, as this is somewhere where I spend a lot of my time. The July NDVI is much lighter than that of February, likely due to the increased plant cover in the summer that is not present in the winter months. Looking at Hundred Acre Pond, there is not a significant increase in how light it is in July compared to February, indicating that there was not an increase in NDVI on the pond. This observation makes me interested in learning about if this technology can be used to track algal blooms on the surface of freshwater bodies.