**Data Collection**

This data represents satellite images of forest areas taken with four-channel imagery. This technique records the near-infrared frequencies, which vegetation reflects greatly for cooling purposes, as it absorbs most of the visible light as the energy source for photosynthesis.

Using this process, based on the reflected frequencies, images were generated. The generated pansharpened images were segmented and information was gathered from these image segments.

**Reference**

<https://archive.ics.uci.edu/ml/datasets/wilt>

**Glossary**

* Pansharpened - Pansharpening is a process of merging high-resolution panchromatic and lower resolution multispectral imagery to create a single high-resolution colour image