

Identifying cloud phase from SOCRATES data using a random forest classification model

Summary

on atmospheric and ocean processes and to inform climate model parameters computed from that data, we built a random forest accuracy for large particles.

misclassify large liquid particles. This is problematic because larger particle images.

2DS optical array probe (Figure 1)

- resolution



Figure 1





Shadow images of Ice and Liquid data collected during SOCRATES

Jeremy Lu, Ian Hsiao, Hans Mohrmann, Rachel Atlas, Joe Finlon, and Rob Wood University of Washington

Try different learning models (deep learning, gradient boosted tree, etc...)

Model Architecture

