# Convolutional-LSTM-network-for-Inferring-PBLH

Introduced an algorithm using CNN (LSTM) Network to augment existing methods for calculating and estimating Planetary Boundary Layer Height.

Described preliminary results for an experiment using 20 geographical locations for a two-month period of hourly WRF-CHEM calculated PBLH which achieved an RMSE of 0.11, implemented using python, keras, tensorflow, sklearn.







