

Application of machine learning in predicting air quality at Quang Trung Software Center

Ha Huy Cong

Abstract: In the increasingly urgent context of air pollution, this topic focuses on applying machine learning to predict air quality at the Quang Trung Software Center. The objective of the research is to build an accurate forecasting system to support environmental management decisions and improve living conditions for employees working in the area. Through the process of synthesizing data from various sources, this topic uses machine learning methods to analyze trends and predict future air quality. The expected result is to provide a useful tool that enhances environmental management performance and improves the quality of life for residents.

Keywords: machine learning, air quality prediction, Quang Trung Software Center