Virtual ACOM Seminar

Bridging the gap between academia and industry

Gabriela Adler
BreezoMeter

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Links: https://operations.ucar.edu/live-acom

ABSTRACT

Air pollution is the main environmental hazard worldwide, and ambient air pollution is responsible for 4.2 million premature deaths every year. While governmental agencies and academic groups actively measure air quality and develop sophisticated models for forecasting air pollution, many authorities and private companies still lack the tools to accurately take actionable measures based on air quality or other environmental factors. BreezoMeter is a startup company with the goal to improve the health and safety of millions of people around the world through the creation and accessibility of environmental information and smart insights. BreezoMeter combines information from official monitoring stations (~50,000 worldwide), small sensors, dispersion models, satellite information, traffic, fires' smoke, proprietary ML algorithms, and more to provide easy-to-use actionable data and insights to companies in different fields, including cosmetics, automotive, weather applications, and pharmaceutical. BreezoMeter reports environmental data which includes air quality, pollen, and wildfire tracking in over 100 countries. In doing so, BreezoMeter bridges the gap between academia and industry by providing actionable data in over 100 countries worldwide.