paper

PRU

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Abstract

**TEASER** With air transportation recovering around the globe, the policy focus shifts back to environmental protection and the climate change impact of air transportation. Arrival operations at airports form part of a substantial benefit pool. **WHY IMPORTANT** Little attention is currently given to the underlying mechanism of changing weather phenomena on arriving air traffic. **APPROACH** This paper presents the conceptual approach to describe arrival management sequencing as a spatio-temporal problem within 200NM around an airport. The success of the trajectory-based operations will be analysed in light of significant weather disruptions at the arrival airports and within the studied arrival horizon. **EXPERIMENT** **MAJOR RESULT/TAKE AWAY**

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|  | This article is work in progress. We also use the Quarto manuscript project type to explore the new features. Please consult these pages regularly to follow any updates. |

## Introduction

## Background

## Concept, Methods, and Data

## Results and Discussion

## Conclusion

## References