Managing Maritime Movements (M3)

HACKATHON

A Global Hackathon for Small Vessel Route Prediction Models

BACKGROUND

Small vessels encompass a grand challenge for maritime waterway management. From sail boats to fishing vessels to personal craft, these vessels are frequently traversing marine environments with limited ability to manage traffic. Although models to forecast large vessel trajectories are widely available, the sparse nature of available data on small vessel trajectories has limited forecasting methods for these types of vessels.

The **University at Albany,** in cooperation with the **Center for Accelerating Operational Efficiency (CAOE),** is running a global Hackathon for those within the modeling and data analysis communities to spur development of novel modeling approaches to forecast small vessel trajectories.

Teams must have no more than three members. At least one member of each team must be a citizen of either Australia, Canada, New Zealand, the United Kingdom, or the United States. Teams will be provided with a dataset to train their models on and will submit all predictions, modeling code, and documentation by October 31, 2024.

August 1, 2024
Registration Opens

September 16, 2024
Hackathon Starts

October 31, 2024
All Submissions Due

1st Place Team:
$10,000 USD

2nd Place Team:
$5,000 USD

Register below:
https://bit.ly/M3hackathon

For questions, please contact Hayley Peterson at hpeterson@albany.edu

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