

Total Emissions Analysis for Marine Systems (TEAMS) Model

- Developed by Jamie Winebrake (RIT), Jim Corbett (UD), and Patrick Meyer (RIT)
- Model conducts total fuel cycle energy and emissions analysis for marine transportation (“well-to-hull”)
- Model algorithm based on GREET model—similar types of output can be generated
- Allows for comparison of alternative fuels (CD, RO, NG, BD, FTD) across different types of marine vessels (e.g., ferries, cargo vessels, container ships)
- Funded by the U.S. DOT Center for Climate Change and Environmental Forecasting
- Model and user guide currently under review; project should be complete by March; papers for TRB and other venues should follow

