SimBoat : Phase II

Regional Boat Simulation
Multiple Destination Trip Implementation
Multiple Destination Trip Implementation
Multiple Destination Trip Itinerary

- Ability to schedule multiple destinations across the landscape.
- Trip itinerary with different Origin and Finish location.
- Activity regions to better model non-point based destinations.
- Re-entry to the same destination allowed in trips.
A Two-Destination Round Trip Diagram

- Gateway 1
- Gateway 2
- Gateway 3
- Entry 2
- Entry 3
- Fishing
- Sightseeing
- Origin
- Finish
Example Two-Destination Trip: Charlotte Harbor, FL
Detail of Activity Region entry and exit path
Study Region Implementation
Charlotte Harbor, Florida
Study Region Implementation

- 7,095 km\(^2\) rectangular model region with 57% water coverage.

- 1407 Launching Facilities: 1272 Residential Docks, 100 Boat Ramps, 35 Marinas

- 104 destination regions from 8 different Activities/Destination types (Fishing spots, Watersports areas, Sailing, Shoreline businesses, Picnic & Swimming areas, Nature touring or Cruising, Diving, and Anchoring and Socializing)
Charlotte Harbor Study Area
Facility Mapping (Boat Docks, Ramps, and Marinas)
Destination and Activity Region Identification