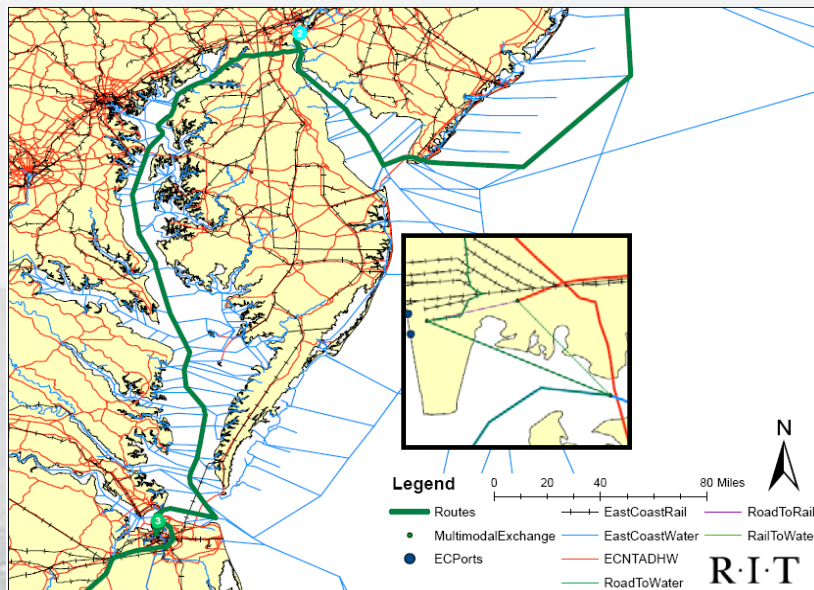


Geographic Intermodal Freight Transport (GIFT) Model: Currently Under Development

- Developed by team of researchers from Rochester Institute of Technology and University of Delaware [led by Winebrake/Hawker (RIT) and Corbett (UD)]
- Model conducts optimal route analysis for freight along an intermodal network (rail, highway, ship); users can select various optimization parameters, including cost, distance, carbon emissions, NO_x, PM, CO, VOCs, energy use, and time.
- Model based in ArcGIS environment.
- Allows for tradeoffs across a variety of attributes; useful for policy and planning purposes (e.g., modal subsidies or infrastructure planning).
- Model prototype for the Eastern Seaboard currently in beta test.



Attribute	Value
ObjectID	1
Name	Graphic Pick 1 - Graphic Pick 3
FirstStopID	1
LastStopID	3
StopCount	3
StartTime	<Null>
EndTime	<Null>
Total_Miles	931.175508
Total_Energy	11969329.977043
Total_Operating Cost	1582.998408
Total_VOC emissions	315.668485
Total_SOx emissions	206.432297
Total_NOx emissions	6390.657432
Total_PM10 emissions	110.344299
Total_CO2 emissions	931911.115974
Total_CO emissions	1524.334273

OK Cancel