Research Focus
• Network optimization for restoration and routing
• Integer Programming
• Multicriteria Optimization
• Scheduling
• Network interdependencies
• Markov Decision Processes

Application Areas
• Infrastructure restoration after extreme events such as hurricanes or attacks
• Electric vehicle swap station management and integration with renewable energies
• Routing
  • Military Aircraft with Refueling
  • Foodbank Compliance Visits
  • Freight Truck Parking

Restoration after Hurricane Sandy

Electric Vehicle Swap Station