

City of Annapolis Infrastructure Analysis

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**George Mason University
Volgenau School of Engineering**

George L. Donohue, PhD

SEOR Capstone Faculty Advisor

Professor Emeritus

Systems Engineering and Operations Research



Global Warming is a Game Changer

- **Non-Carbon Dioxide Emitting Energy Supply Systems Will Eventually become Mandated by Laws and Economic Penalties (within the next Generation):**
 - Elimination of Oil Depletion Allowance Economic Cross Subsidies
 - Addition of Carbon Taxes at > \$40/ton CO₂
 - Increased use of On-Demand Electric Taxi Service for both Urban and Networks of Villages
- **Studies suggested by Mayor Buckley and sponsored by Alderman Marc Rodriguez;**
- **Studies conducted by Senior System Engineering students as a Requirement for Graduation;**
- **Department Faculty Provide Technical Oversight:**
 - Conducted as a *Pro Bono Exercise*
 - Follow-on Analysis needs to be conducted in each area



Presentations

- **Feasibility Design to Transition the City of Annapolis to Carbon Neutrality – Preliminary Results**
 - Caroline Wagner, Raniah Al-Amili, Charles Coffey, and Daniel Corcoran

- **The City of Annapolis Flood Mitigation Trade-off Study – Preliminary Results**
 - Mariana Castaneda, Jeniffer Ortega, Rabah Hamad, and Nicolas Albright

 - Full Reports will be available 15 May, 2019

 - Contact Prof. George Donohue gdonohue@gmu.edu
 - Ph. 301-346-7498

