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Environmental & Energy Management Newsletter



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Recent Publications by
E&EM Faculty and Students



Doctoral Candidate Victoria Lawrence Defends Research on CARICOM Energy Demand

On Monday, December 4, 2006, doctoral candidate Victoria Lawrence defended her dissertation on “An Empirical Analysis of Energy Demand and its Implications in the Caribbean Community and Common Market (CARICOM).” In her research, Victoria examined the demand for petroleum within and across the Caribbean Community, using empirical data to evaluate the significance of key factors that influence changes to the demand for petroleum projects, such as price effects and income effects.



She also examined the implications of three factors on overall energy demand using several methods of analysis and developed a petroleum demand model using log-linear regression analysis to test the validity of the model for each of the 13 CARICOM member countries.

In addition, Victoria used her petroleum demand model to generate an energy outlook for a five-year period for each CARICOM member state and the region as a whole. She also determined the effects of energy use on the environment and the implications of peak oil production. Finally, Victoria made

recommendations for future work in this area as well as policy recommendations.



Sitting L-R: Dr. Theresa C. Lawrence, Program Director of the DC Small Business Development Center, Center for Urban Progress; doctoral candidate Victoria Lawrence; E&ME doctoral student Leon Adams

Standing, L-R: Dr. Everson Hall, Hull and Associates; Dr. Michael Duffey; Dr. Robert Waters; Dr. Jonathan Deason



THE GEORGE
WASHINGTON
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[Jonathan P. Deason, Ph.D., Lead Professor](#)

The George Washington University

Engineering Management & Systems Engineering Department (EMSE)
Environmental & Energy Management Program (E&EM)
Fall 2006 (Volume 7, Number 2)





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