

SERKAN CATMA

Associate Professor of Economics
University of South Carolina Beaufort
Department of Business Administration
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EDUCATION

West Virginia University, Morgantown, WV Ph.D. in Natural Resource Economics	2008
West Virginia University, Morgantown, WV Master of Business Administration	2002
Istanbul University, Istanbul, Turkey Bachelor of Arts in Economics	2000

PROFESSIONAL EXPERIENCE

<i>Associate Professor of Economics (Tenured)</i> University of South Carolina Beaufort Department of Business Administration, School of the Professions	2015-Present
<i>Associate Professor of Economics (Tenured)</i> West Liberty University Gary E. West College of Business	2013-2015
<i>Assistant Professor of Economics (Tenure-Track)</i> West Liberty University Gary E. West College of Business	2008-2013
<i>Instructor of Economics</i> West Liberty University Gary E. West College of Business	2007-2008
<i>Adjunct Instructor</i> Potomac State College of West Virginia University	2005-2006

RESEARCH EXPERIENCE

Refereed Journal Publications

Catma, Serkan and Varol, S. (In Press). "Exploring the Spatial Dimensions of College Retention within the Context of Inequality" *International Journal of Education Economics and Development*.

Varol, Serkan, and Catma, S. (2021). "Assessing the Impact of a Distance-Based Spatial Factor on Retention in the U.S. Colleges" *Education Sciences* 11, no. 9: 508.

Catma, Serkan and Reindl, D. (2021). "Parents' Willingness to Pay for a COVID-19 Vaccine for themselves and their children in the United States". *Human Vaccines and Immunotherapeutics*. 17:9. 2919-2925.

Catma, Serkan and Varol, S. (2021). "Willingness to Pay for a Hypothetical COVID-19 Vaccine in the United States: A Contingent Valuation Approach". *Vaccines*. 9(4):318.

Catma, Serkan (2021). "The Price of Coastal Erosion and Flood Risk: A Hedonic Pricing Approach". *Oceans*. 2(1):149-161.

Catma, Serkan. (2020). "Non-Market Valuation of Beach Quality: Using Spatial Hedonic Price Modeling in Hilton Head Island, SC". *Marine Policy*. Volume 115.

Catma, Serkan. (2017). "Analysis of Institutional Variables Affecting Freshman Retention" *Journal of Strategic and International Studies*. 12(4):29-38.

Catma, Serkan. (2012). "The Management of University Scholarship Programs: A Cost-Benefit Analysis" *International Journal of Management*. 29(3):125-136.

Catma, Serkan and Collins, R. A. (2011). "Phosphorus Imbalances in the Chesapeake Bay Watershed: Can Forestland and Manure Processing Facilities be the Answers." *Agricultural and Resource Economics Review*. 40(1):1-10.

Catma, Serkan. (2011). "Efficiency of Transport and Energy Subsidies: A Cost Minimization Approach" *European Journal of Economics, Finance, and Administrative Sciences*. 29(2):109-121.

Non-refereed Publications

Dean-Crowly, A. and Catma, S. (2016). "An Economic Examination of West Virginia's Prevailing Wage Law" *Public Policy Foundation of West Virginia*, Wheeling, WV.

Catma, Serkan and Nickerson, D. (2015). "Economic Cost of Prescription-Only Pseudoephedrine Legislation in WV" *Public Policy Foundation of West Virginia*, Wheeling, WV.

Catma, Serkan. (2013). "WV Jobs and Education Report" *Public Policy Foundation of West Virginia*, Wheeling, WV.

Research Reports

Catma, Serkan. (2014). "*Economic and Fiscal Impacts of a Potential Smoking Ban at Charles Town Racetrack and Gaming Facility*" Report submitted to the West Liberty University Research Corporation.

Catma, Serkan and Capehart, R. (2014). "*Economic and Fiscal Impact of Charles Town Racetrack and Gaming Facility in Jefferson County, WV*". Report submitted to the West Liberty University Research Corporation.

Catma, Serkan. (2009). "*Estimation and Analysis of Net Marginal Costs of Scholarship Programs at West Liberty State College.*" Paper submitted to the President's Office at West Liberty University.

Catma, Serkan. (2008). "*Analysis of Future Employment Projections: Nationwide, Statewide, and Regional*". Paper submitted to West Liberty University Pillars of Distinction Taskforce.

Conference Presentations

Reindl, D. and Catma, S. (October, 2021). "*The Health Belief Model in Explaining Parents' Willingness to Accept a Hypothetical COVID-19 Vaccine for their Children in the United States*". Paper will be presented at the annual American Public Health Association meeting & expo, Denver, CO.

Reindl, D. and Catma, S. (October, 2021). "*GIS Hot Spot Statistical Analysis of Parents' Willingness to Accept a Hypothetical COVID-19 Vaccine for their Children in the United States*". Paper will be presented at the annual American Public Health Association meeting & expo, Denver, CO.

Mowre, A., Alamin, M., Varol, S., Tong, J., Catma, S. (October, 2021). "*Analyzing Factors Associated with Fatality Rate of Road Collisions: A Case Study in Tennessee*". Paper will be presented virtually at the 2021 ASEM International Annual Conference.

Catma, Serkan. (October, 2019). "*Economic Value of Beach Width*". Paper presented at the Academy of Business Research Conference, San Antonio, TX.

Catma, Serkan. (June, 2019). "*Hedonic Price Modeling of Erosion and Storm Surge Risk*". Paper presented at the International Conference on Empirical Economics and Social Sciences, Bandirma, Turkey.

Sevim V. and Catma, S. (February, 2018). *“An Analysis of Student’s Understanding of Supply and Demand Graphs in Economics Education: A Qualitative Multi-Case Study”*. Paper presented at the Conference of Southwest Educational Research Association, New Orleans, LA.

Catma, Serkan. (March, 2017). *“Analysis of Institutional Variables Affecting Freshman Retention”* Paper presented at the Conference on Business, Economics, Finance, and Accounting, Cocoa Beach, FL.

Catma, Serkan (March, 2015). *“Economic Impact of Reduced Subsidies to Thoroughbred Racing Industry in West Virginia”* Paper presented at the Academy of Business Research Conference, New Orleans, LA.

Catma, Serkan. (June, 2014). *“Economic Cost of Pseudoephedrine Law in WV”* Paper presented at the International Journal of Arts & Sciences (IJAS) International Conference for Academic Discipline, Barcelona, Spain.

Catma, Serkan. (March, 2012). *“Future Labor Market Needs of the State of West Virginia”* Paper presented at the Academy of Business Research Conference, New Orleans, LA.

Catma, Serkan. (May, 2011). *“Theoretical Framework of Mixed Integer Transportation Model”* Paper presented at the 12th International Symposium on Econometrics, Operations Research and Statistics, Denizli, Turkey.

Catma, Serkan. (February, 2011). *“Cost Effectiveness of Transport and Energy Subsidies within the Chesapeake Bay Watershed”* Paper presented at the American Society of Business and Behavioral Sciences Conference, Las Vegas, NV.

Catma, Serkan. (March, 2010). *“Estimation and Analysis of Net Marginal Costs of Scholarship Programs.”* Paper presented at the International Conference of American Institute of Higher Education, Williamsburg, VA.

Collins, A,R, Budumuru, Y., Catma S., Parker D., and Li Q. (February, 2006). *“Poultry Litter Use and Transport Survey in Maryland and West Virginia.”* Poster presented at the USDA, CSREES National Water Quality Conference, San Antonio, TX.

Collins, A.R., Catma, S., and D’Souza, G. (June, 2005) *“Enrollment and Acceptance Decisions in the Conservation Reserve Program under Urbanization Influences,* paper presented at the Annual Meeting of the Northeastern Agricultural and Resource Economics Association, Annapolis, MD.

PROFESSIONAL ACTIVITIES AND SERVICE

- International Programs Committee, Member, University of South Carolina Beaufort, 2019-Present.

- General Education Planning Committee, Member, University of South Carolina Beaufort, 2019-Present.
- Pre-tenure Review Committee, Member, University of South Carolina Beaufort, 2019-Present.
- Student Research and Scholarship Day Committee, Member, University of South Carolina Beaufort, 2017-Present
- Faculty Promotion and Tenure Committee, Member, USCB, 2015-2016; 2017-Present
- Faculty Welfare Committee, Member, USCB, 2016-Present
- Faculty Development Brown Bag Luncheon, Research Presenter, USCB, 2019
- Strategic Management Faculty Position Search Committee Member, USCB, 2018
- Department of Business Administration Chair Position Search Committee Member, USCB, 2018
- Dean of the School of Sciences and Mathematics Search Committee Member, USCB, 2017
- Chancellor's Retention Symposium, Research Presenter, USCB, 2017
- Civitas Advising Subcommittee, Member, USCB, 2017
- Faculty Grievance Committee, Member, USCB 2016-2017
- Faculty Development Committee, Chair, WLU, 2009-2015
- Institute for Innovation in Education, Member, West Liberty University (WLU) 2011-2015
- College of Business Curriculum Committee, Member, WLU, 2012-2015
- Finance Faculty Selection Committee, Chair, WLU, 2010
- Computer Information Systems Faculty Selection Committee, Chair, WLU, 2010
- Student Research Committee, Member, WLU, 2009-2015

Professional Organization Membership (Current and Active)

Applied Economics and Finance Editorial Board (Member and Reviewer)

Public Policy Foundation of West Virginia (Senior Scholar)

American Economic Association (Member)

World Economics Association (Member)

ACADEMIC AWARDS, HONORS AND GRANTS

The University of Tennessee at Chattanooga Grant Co-recipient (\$2,500), 2020.

Sea Islands Institute Grant Recipient (\$2,490), University of South Carolina Beaufort, 2020.

Sea Islands Institute Grant Recipient (\$4,800), University of South Carolina Beaufort, 2018.

Order of the Torch: Ranking Men's Honorary Lifetime Membership Faculty Award, West Liberty University, 2008-2015.

Outstanding Research Award, College of Business, West Liberty University, 2011.

Outstanding Teaching Award, College of Business, West Liberty University, 2010.

West Virginia Higher Education Inaugural Study Abroad Grant Recipient (\$15,000), West Liberty University, 2009.