PLEASE FORWARD THIS ANNOUNCEMENT TO OTHERS WHO MIGHT BE INTERESTED IN THE TOPIC (ESPECIALLY EDUCATORS AND STUDENTS)

Title: Combining GIS and Statistics: Data Visualization to Communicate Findings

Date/Time: Thursday, March 7, 2019   4:00–5:30 p.m.
Informal reception to follow at approximately 5:45 p.m. at East Street Café on the mezzanine level of Union Station.

Speaker: Kristen Hocutt, Solution Engineer, ESRI

Chair: Martha McRoy, Research Methodologist, Pew Research Center

Sponsors: WSS Statistics Education Committee, WSS Methodology Section and WSS Defense & National Security Program Committee

Location: Bureau of Labor Statistics Janet Norwood Conference Center, Rooms 1/2 (Please check board in case of change of room)

BLS is located at 2 Massachusetts Avenue, NE. Use the Red Line to Union Station. Parking in the area of BLS is available at Union Station. For parking information see http://www.unionstationdc.com/parking. No validation is available from BLS for reduced parking rates.

RSVP: To be placed on the seminar attendance list at the Bureau of Labor Statistics, you need to e-mail your name, affiliation, date of the seminar and seminar name to wss_seminar@bls.gov (underscore after 'wss') by noon on Monday, March 4. Please bring a photo ID to the seminar.

Abstract: A Geographic Information System (GIS) provides a powerful collection of tools to help organizations manage, explore, analyze, and present data. When combined with spatial statistics methods in ArcGIS, the approach helps analysts make full use of geographic context when generating the information that helps organizations make better decisions. In this talk, we discuss how solving spatial problems related to classification, clustering, and regression helps organizations in the domains of business, public health, and natural resources. Specific examples cover the use of Kriging, Density-based Clustering, and integrating your own R-driven processes with the R-ArcGIS Bridge. Applying these workflows can be the first step to help you explore spatial data relationships and design the models that help determine the right course of action in your research and organization. For the majority of this talk, only a knowledge of introductory statistics will be assumed.

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https://dol.webex.com/dol/j.php?MTID=m94a73734295911a08ac35d4cb756270f
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Attendee access code: 744 124 3

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