TRANSPORTATION SEMINAR

BikeMaps.org - Crowdsourcing Bike Safety Data

Friday, September 9, 2016
3:00pm to 4:30pm

College Avenue Commons Atrium

Trisalyn Nelson

Director and Foundation Professor
School of Geographical Sciences and Urban Planning
Arizona State University

BikeMaps.org is a new tool for collecting data on cycling safety worldwide. Cyclists are using the tool to map crashes, near misses, and hazards. In Western Canada, where BikeMaps.org has been actively promoted, planners and cities are leveraging the data to understand safety and make infrastructure decision. This year, BikeMaps.org will be promoted locally to create a new dataset for supporting cycling research and planning in Tempe and Phoenix. Through this presentation I will overview BikeMaps.org tools, overview the representativeness of data, and demonstrate how data are being analyzed to understand predictors of cycling safety.

Trisalyn Nelson's research develops and uses spatial and spatial-temporal analyses to address applied questions in a wide range of fields from ecology to health. Currently, her research focuses on two areas: wildlife movement and active transportation. Her research team is developing new GIScience approaches to quantifying movement, particularly from wildlife telemetry data, and applying methods to better understand conservation strategies for grizzly bears.

http://goo.gl/A9e8aq

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