

Eric R. Green, PhD, PE, RSP1, GISP

Program Manager, Traffic and Safety
Kentucky Transportation Center
Adjunct Assistant Professor
Department of Civil Engineering
University of Kentucky
Email: eric.green@uky.edu

EDUCATION AND TRAINING

Ph.D., Department of Civil Engineering, University of Kentucky, May, 2018
M.S., Department of Civil Engineering, University of Kentucky, August, 2002
B.S. Department of Civil Engineering, University of Kentucky, December, 2000

TEACHING EXPERIENCE

1. CE525 GIS Applications in Civil Engineering, University of Kentucky - Taught annually since Spring 2012
2. Police Training Workshop - A workshop that explains issues related to crash data improvements to police officers. Taught three times since 2012
3. Kentucky Retro Training - Training course for government employees explaining how to properly maintain sign retro-reflectivity using several methods approved by the MUTCD. Taught thirteen times since 2011
4. Cabinet NTVI Training - Training course for cabinet employees explaining how to properly conduct a nighttime visual sign inspection. Taught nine times since 2011.
5. Crash Workshop - A training course to teach users how to access and analyze crash data. Taught six times since 2013.
6. Traffic Safety Academy - A two to four day course that focuses on traffic safety principles for highway department employees. Taught five times since 2013.
7. Sign Installation - A training course on the proper installation of roadway signs for KYTC employees. Taught one time since 2017

PEER-REVIEWED CONFERENCE PROCEEDINGS

1. E.R. Green, K.R. Agent. "Evaluation of the Locations of Kentucky's Traffic Crash Data", Roadway Safety and Simulation Conference, Indianapolis, IN; Transportation Research Board: Washington, DC, 2011
2. E.R. Green, J.G. Pigman, J.R. Walton, S. McCormack. "Identification of Secondary Crashes and Recommended Countermeasures", 91st Annual TRB, Washington, DC; Transportation Research Board: Washington, DC, 2012
3. E.R. Green, J.R. Rippy, X. Xu, M. Chen. "Conflation Methodologies to Incorporate Consumer Travel Data into State HPMS Data Sets", 92nd Annual TRB, Washington, DC; Transportation Research Board: Washington, DC, 2013
4. D.W. Harwood, R.R. Souleyrette, E.R. Green, M.A. Fields. "Comparison of Countermeasure Selection Methods for Use in Road Safety Management", 93rd Annual TRB, Washington, DC; Transportation Research Board: Washington, DC, 2014
5. E. C. Davis, E.R. Green, N. Stamatiadis, G. A. Winchester, R. R. Souleyrette, J.G. Pigman. "Highway Safety Manual Methodologies and Benefit-Cost Analysis In Program-Level

- Segment Selection And Prioritization", Roadway Safety and Simulation Conference, Orlando, FL; University of Central Florida & the University of Tennessee, 2015
6. E.R. Green, M.A. Fields. "A Methodology to Prioritize the Locations of Cable Barrier Installations in Kentucky", Roadway Safety and Simulation Conference, Orlando, FL; University of Central Florida & the University of Tennessee, 2015
 7. E.R. Green, C. Blackden, M.A. Fields. "Spatial Database For Intersections", 95th Annual TRB, Washington, DC; Transportation Research Board: Washington, DC, 2016
 8. E.R. Green, K.R. Agent, E. Lammers. "Development of an Improved Method for Determining Advisory Speeds on Horizontal Curves", 96th Annual TRB, Washington, DC; Transportation Research Board: Washington, DC, 2017
 9. E.R. Green, C. Blackden, R.R. Souleyrette, and W. Staats. "Automating Safety Performance Function Development to Improve Regression Models", 97th Annual TRB, Washington, DC; Transportation Research Board: Washington, DC, 2018
 10. Wang, T.*, Liu, Q., Souleyrette, R. R., and Green, E. "Horizontal Curves Automatic Identification and Parameters Collection Using GPS Data," Paper #19-06020, National Academies Transportation Research Board (TRB) 98th Annual Meeting, Washington DC, January 2019. Includes poster presentation.
 11. Zhang, X., Green, E., Chen, M., and Souleyrette, R.. "Identifying Secondary Crashes Using Text Mining Techniques", 98th Transportation Research Board Annual Meeting, Washington, DC; Transportation Research Board, 2019

HONORS AND AWARDS

- Kentucky Transportation Cabinet for Excellence and Dedication to Highway Safety Award,
Lifesavers Conference 2006, April 2006
- Kentucky Section of the Institute of Transportation Engineers Individual Activity Award,
KYSITE Annual Banquet, November 2008
- 4 E's Of Highway Safety Award – Engineering, Lifesavers Conference 2006, March 2016

PROFESSIONAL SERVICE

- Professional Engineer (KY, No. 23983)
- Certified Geographic Information Systems (GIS) Professional (GISP) (No. 22980)
- Roadway Safety Professional (RSP1), April 2019
- Southern District Institute of Transportation Engineers, 2007-2015 (Chair in 2014)
Committee "Technical Knowledge"
- Kentucky's Governor's Highway Safety Program, Member
Traffic Records Advisory Committee (Co-Chair, 2011-2012)
Occupant Protection Task Force (since 2017)
Traffic Incident Management Task Force (since 2018)
- Transportation Research Board
Member, GIS Committee, ABJ60
Member, Law Enforcement Committee, ANB40
Friend, Highway Safety Management Subcommittee, ANB10(1)
- GIS-T Planning Committee
Member since 2011
Program Chair 2016-Present