

## **Eric W. Stonebraker, MS**

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**Objective:** To leverage my transportation, environmental, and sustainability planning skills into an interdisciplinary planning position.

### **Summary of Qualifications**

Experienced urban planning professional with expertise in sustainable transportation, public health and environmental impacts of land use. Experience includes:

- State & local comprehensive, transportation & community development planning
- Travel behavior research including 4 peer-reviewed articles
- International training, meeting facilitation, and public speaking
- Project management, research and analysis
- High energy, knowledge-focused, interactive team member

### **Career Experience**

**Active Transportation Intern – Denver Environmental Health** 5/16 to 8/16

- Conducted neighborhood pedestrian, bicycle, and transit audits of higher-BMI schools in Denver
- Developed GIS maps, and conducted GIS queries and built GIS database

**Graduate Researcher – University of Colorado – Boulder / Denver** 9/09 to 12/15

- National Science Foundation (NSF) IGERT Fellow – Sustainable Urban Infrastructure. 2010 - 2013
- Published four refereed journal articles; presented at 2 international transportation conferences
- Conducted evaluation of RTD Neighborhood EcoPass Program in Boulder, CO
- Conducted study of 15-minute neighborhoods and their relationship to meeting City of Boulder carbon emissions reductions goals.

**Project Planner – Boulder County Transportation Department (Boulder, CO)** 2/09 to 9/09

- Managed Boulder County Transportation Demand Management programs
- Managed Boulder County's 2009 Bike to Work Day
- Served as County-wide Employee Transportation Coordinator

**Regional Desk Officer – The GLOBE Program – UCAR/NCAR (Boulder, CO)** 10/03 to 10/08

Senior Regional Desk Officer for 17 countries in Asia and the Pacific for the GLOBE (Global Learning and Observations to Benefit the Environment) Program, an international inquiry-based science education program supported by NASA and NSF

- Assessed progress, monitored regional activities and facilitated 12-country international meeting to create the Asia Pacific Regional Environmental Consortium
- Managed \$100K+ U.S. AID grants for Pakistan Ministry of Environment and for Russia
- Managed all aspects of organizing and delivering 18 international and domestic K-12 environmental monitoring workshops including facilitation, training and overseeing \$500K budget

**Research Assistant** – University of Wisconsin (Madison, WI)

2001 to 2003

- Completed M.S. Thesis entitled: “How Smart is Smart Growth in Wisconsin?: A Pre-implementation Evaluation of Locally Developed Comprehensive Land Use Plans”
- Conducted comprehensive case studies of how well three communities met the requirements of the Wisconsin Comprehensive Planning and Smart Growth Legislation and how their varying results reflect weaknesses in the legislation. Recommended four areas of improvement.

**Technical Skills:** Adobe Creative Suite, ArcGIS, HTML, Microsoft Office Suite, PTV Visum, statistical software (R, SAS, SPSS, Stata)

### **Volunteer experience**

**Chairperson** – Sprawl and Transportation Committee, Sierra Club (Boulder, CO)

2004 to 2009

Chaired 40-member advocacy committee focused on improving transportation and land use decisions in Boulder County. Wrote policy briefs for local governments.

**U.S. Peace Corps Volunteer** – Russian Ecology Center

1995 to 1997

Organizer/consultant at Khabarovsk state environmental education organization, including grant management, fundraising and computer training

### **Published Work and conference presentations**

Stonebraker, E. (2016). ‘Reigning in Carbon Emissions Through Transportation and Land Use Initiatives: 15-Minute Neighborhoods and Travel Behavior in Boulder.’ *Planning Matters/APA Colorado: Land Use and Transportation Special Issue*. Vol 1(2):13-14.

Forsyth, Ann, Kevin J. Krizek, Asha Agrawal, and **Eric Stonebraker**. (2012) A Reliability Testing of the Pedestrian and Bicycling Survey (PABS) Method. *Journal of Physical Activity and Health*. Vol 9 (5): 677-688.

Krizek, Kevin J. and **Eric Stonebraker** (2012). Assessing Options to Enhance Bicycle and Transit Integration. *Transportation Research Board, Journal of the Transportation Research Board*. No. 2217: 162-167. DOI:10.3141.

Krizek, Kevin J. and **Eric Stonebraker** (2010). Bicycling and Transit: A Marriage Unrealized. *Transportation Research Record, Journal of the Transportation Research Board*. No. 2144: Vol 2.

*Bicycling and Transit: Informing the Possibilities*. (Kevin J. Krizek and **Eric Stonebraker**). Mineta Transportation Institute (May 2010).

Collaborative Management in Neighborhood Transit Pass Programs with Krista Nordback. *World Symposium on Transport and Land Use Research*. Whistler, British Columbia, Canada. July 2011.

**Education**

*University of Colorado – Denver*

M. of Engineering, Transportation Systems Engineering

- Master's Thesis: *Investigating the relationship between neighborhood accessibility, mode share, and daily miles traveled across Boulder*

*University of Wisconsin, Madison*

M.S. Urban and Regional Planning, Environmental Planning

M.S. Land Resources,

- Master's Thesis: *How Smart is Smart Growth in Wisconsin?: A Pre-implementation Evaluation of Locally Developed Comprehensive Land Use Plans*

*Indiana University, Bloomington*

B.A. Sociology (with emphasis in race / ethnic relations), German Minor