

### IMPROVING ACTIVE TRANSPORTATION DATA IN HIAS WITH AUTOMATED COUNTERS LESSONS FROM CA

WILLIAM RIGGS, PHD

# PRESENTATION OUTLINE

- Introduction
- Policy Role
- Cases
- Findings
- Key Take Aways



# INTRODUCTION

- Data Essential for ATP & HIA Inserts
- Gathered in formative and evaluative phases
- Automated counters
- Varies in equipment, cost, purpose and output









#### CASES CITY CONCORD

OPEN SPACE DISTRICT SAN LUIS OBISPO (SLO)



# CONCORD

- 1) Equip / Methods: Eco-Visio Ecocounter & Manual
- 2) Purpose: Sidewalk & Bikeway volumes counts to inform HIA / ATP
- 3) Policy and Research Outcome: Consistent Error & Site Applicability Lessons to Prior Academic Work
- Available: <a href="http://works.bepress.com/williamriggs/18/">http://works.bepress.com/williamriggs/18/</a>







# SLO

- 1) Equip / Methods: Eco-Visio Ecocounter, Infrared Motion Sensor, Mobile Phones & Manual
- 2) Trail volumes counts for health and economic impacts of open space study
- 3) Policy and Research Outcome: Decreased reliability due to variety of factors, possibility for combining with other methods for access / EJ assessment & exploration of more cost-effective rapidly deployable methods
- Available: <a href="http://works.bepress.com/williamriggs/35">http://works.bepress.com/williamriggs/35</a>















# FINDINGS

- Confirmation of prior results with regard to error although more erratic / volatile for open space
- Opportunities to combine with other methods for sophisticated O/D & accessibility evaluation
- Opportunities to experiment with more rapidly deployable devices





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# **KEY TAKE AWAYS**

- Data lots of it consistently over time
- Many application campus, street, open space
- Expensive and inexpensive options (rapidly deployable)
- Variability in technology and accuracy
- Opportunity for mixed methods, creativity and innovation

# WRIGGS@CALPOLY.EDU