



# What is Cycling Experience?

## Implications for practitioners & policy makers

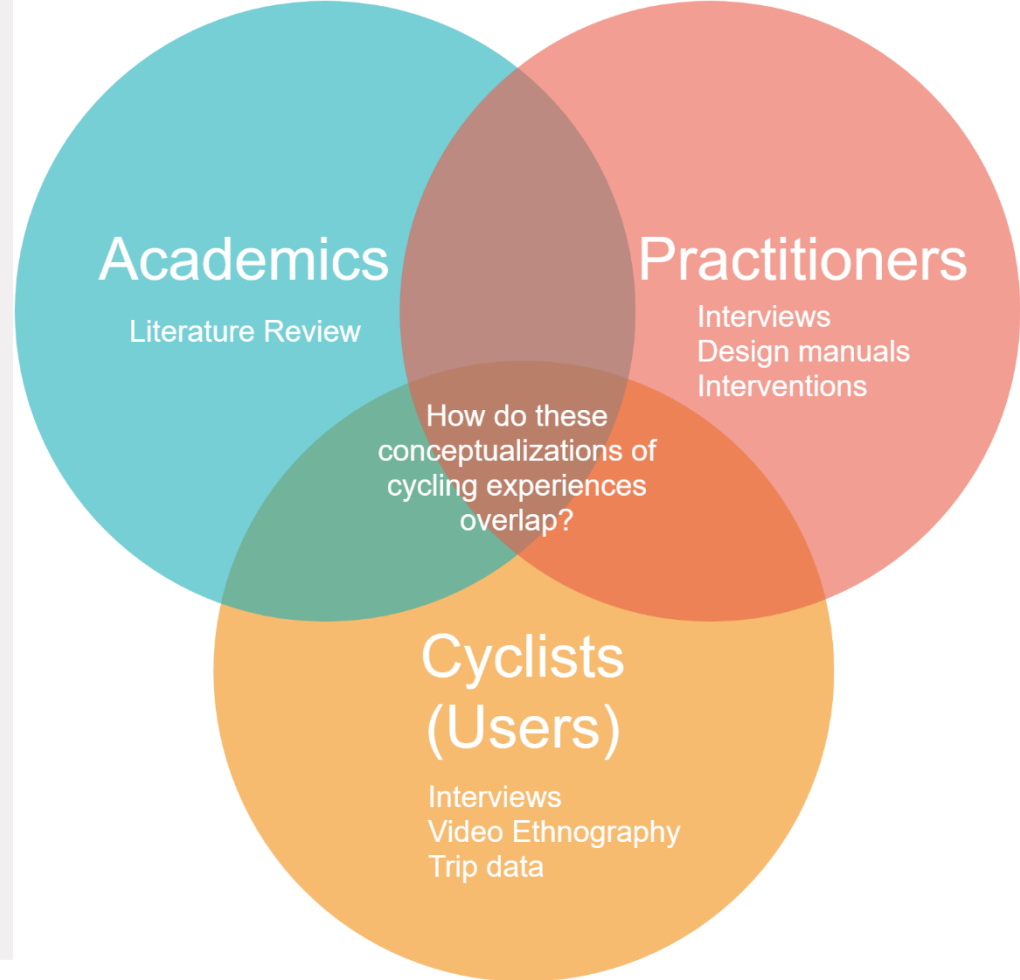
George Liu, PhD Candidate  
NWO project - Smart Cycling Futures



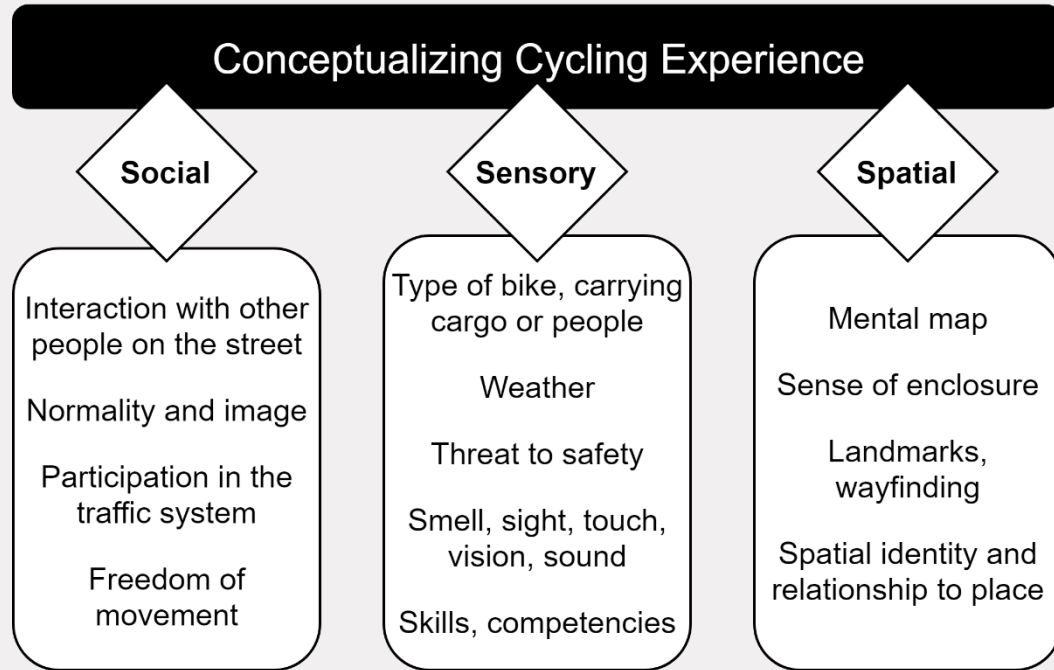
**How is the subjective experience of cyclists conceptualized in the design of cycling environments?**

## Three Perspectives

- What research methods to employ for each target research group?
- How to frame the outcome of each perspective?
- What are the “big picture” lessons that are relevant for policy makers?



# From Academic Literature



Source: [Liu, George, Sukanya Krishnamurthy, and Pieter van Wesemael . 2018. 'Conceptualizing Cycling Experience in Urban Design Research: A Systematic Literature Review'. \*Applied Mobilities\* . Routledge. doi:10.1080/23800127.2018.1494347.](#)

# From Cycle Highway Practitioners

Interviewed 11 practitioners from 5 countries working on cycle highways:

- Denmark, United Kingdom, the Netherlands, Germany, Belgium
- Selection of questions:
  - What is a cycle highway?
  - Can you describe the ideal cycling experience?
  - What how is experience considered in design?
  - What is the relationship of design to types of users?
- Interviews completed. Data analysis underway.



## From Cyclists' Perspective

Videos recorded on ride-along and post-ride interview. Tilburg-Waalwijk. E-bikes. 12 participants. 4 single rides, 4 in pairs.

- What are the differences between riding alone and riding in pairs?
- How do cyclists describe prominent cycling experience along a particular route?
- How does cycling experience change when transitioning from urban to rural routes, and how do these experiences relate to both infrastructure design and the surrounding environment?

# Questions for Practitioners

1. How do your projects consider cyclists' experiences, especially on the streetscape and neighbourhood scales?
2. Are there opportunities to bring in cyclists' experiences (interviews, map-making, video observation) when testing a new project?
3. How do we evaluate the experiential quality of a cycling environment in addition to meeting functional engineering and traffic guidelines?