

# Evaluating the uptake of built environments within natural experiments



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# hello



my name is...

# Using natural experiments to evaluate population health interventions:

guidance for producers and users of evidence



## Key features

- (1) Intervention is not undertaken for the purposes of research
- (2) Variation in exposure and outcomes is analysed using methods that attempt to make causal inferences.

## The event of interest could involve:

introduction of new legislation (eg to ban the use of polluting fuels)

withdrawal or amendment of an existing policy (eg the abolition in 1999 of GP fundholding)

changes in the level of an intervention or service (eg an increase in alcohol taxation or a change in the nutritional requirements of school meals)



- Intro to aims of workshop and presenters
- Methods to evaluate natural experiments
  - Recall Questionnaires and SOPARC
  - eCPAT
  - CANVAS
  - Webcams
  - RFID & QR/2D barcodes
- Crowdsourcing Exercise
- Discussion Groups/Feedback



- Identify methods for measuring physical activity and the built environment
- Contrast and summarize characteristics of traditional survey approaches, observational tools, and new technologies
- Propose ways in which a combination of methods can be incorporated into analyses to address evaluation questions
- Discuss the benefits and limitations of using various approaches to evaluating natural experiments