The visibility of smoking outside bars and cafés: New methods

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**Aim:** To observe and map the visibility of smoking occurring outside bars/cafés in Wellington CBD
Methods

- **Compilation of spatial data**
  - All building footprints in the CBD
  - All public outdoor spaces (e.g., roads, footpaths)
  - 70 bars/cafés with pavement leases

- **Observational data**
  - Lit cigarettes observed at 14 bar/cafés
  - Averages extrapolated to remaining leases

- **Viewshed analyses**
  - Calculates visual exposure for each 1m x 1m cell across CBD
RESULTS

The observations indicated:

- Point smoking prevalence: Midday 9%; evening 19%
- Range 0-116 smokers
- Large differences between day and evening smoking

The analysis of smoking visibility indicated:

- The primary shopping streets have the highest visibility of smoking at pavement leases, particularly in the evening
Discussion

- With geographic techniques, it is possible to study the extent to which outdoor smoking on pavements around bars and cafés can be seen.

- The extent of smoking may normalise smoking in this downtown area.

- Options include:
  - Smokefree areas
  - Smokefree streets

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