



# *Measuring smoking in outdoor public spaces*

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# Background

- Knowing the extent of smoking in outdoor places can help planners and policy makers

## Aim

- To review and evaluate ways of measuring smoking outdoors



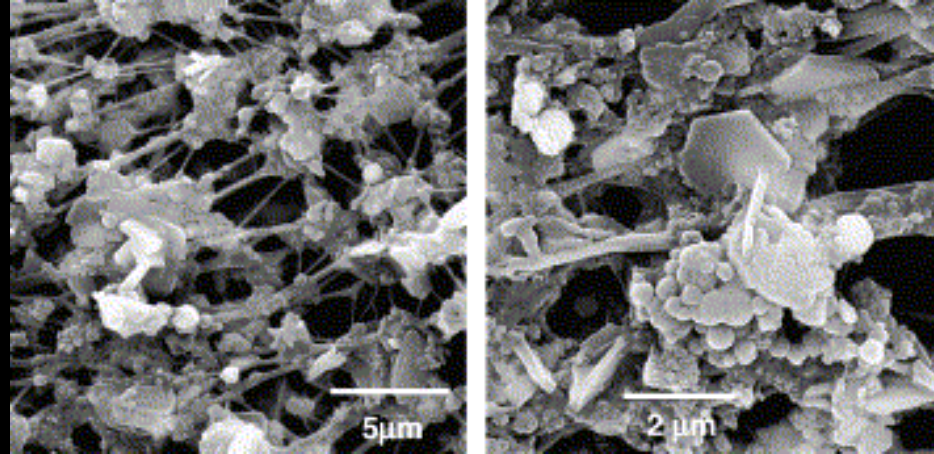
# Results of literature review

32 studies to March 2013 included:

1. Systematic observation – smoking prevalence over time, by setting
2. Butt collection – smoking over current (eg 24 hr) or past periods



### 3. Measuring fine particulates in the air (PM<sub>2.5</sub>)



4. Recall surveys: what populations recall – smoking and smoking seen, by place
5. Location surveys: people at locations
6. Key informant interviews



THE only butts WE WANT ON OUR BEACHES

MANLY COUNCIL SUPPORTS SMOKE FREE ZONES [WWW.SMOKEFREECOUNCILS.COM.AU](http://WWW.SMOKEFREECOUNCILS.COM.AU)

## Discussion

- There is a variety of simple, often low cost measurement methods

Researchers, advocates and officials can:

- measure the extent of smoking outdoors
- measure smoke drift from outdoors to indoors
- evaluate policy changes with before and after studies