



Interventions to reduce exposure to air pollution from landscape fires: The Healthy-Air Project

Sotiris Vardoulakis^{1,2}, Nigel Goodman^{1,2}, Amelia Joshy^{1,2}, Nicolás Borchers Arriagada³, Veronica Matthews^{2,4}, Karima Laachir⁵, Bandana Saini^{6,7}, Penny Jones^{2,3}, Ginny Sargent⁸, Sharon Campbell³, Erin Walsh⁸, Fay Johnston^{2,3}

¹National Centre for Epidemiology & Population Health, Australian National University, Canberra, Australia; ²Healthy Environments And Lives (HEAL) National Research Network, Australia; ³Menzies Institute for Medical Research, University of Tasmania, Tasmania, Australia; ⁴University Centre for Rural Health, University of Sydney, Lismore, Australia; ⁵Centre for Arab and Islamic Studies, Australian National University, Australia; ⁶University of Sydney School of Pharmacy, Faculty of Medicine and Health, Australia; ⁷Woolcock Institute of Medical Research, Australia; ⁸Population Health Exchange, National Centre for Epidemiology and Population Health, Australian National University

CONTEXT

Air pollution from bushfires, cars and wood heaters can trigger symptoms and distress in people with asthma. As highlighted by the 2019/20 bushfires, there remains a critical lack of accessible tools, resources and advice empowering people with asthma to effectively reduce their air pollution exposure.

AIMS

To synthesise, translate and disseminate the best available scientific evidence on the effectiveness of air pollution exposure reduction measures and health protection advice for people with asthma, with a particular focus on those socio-economically marginalised or disproportionately affected by the condition.

METHODS

This project will take place in three-phases to: (i) synthesise the best available scientific evidence on air pollution reduction measures by systematically reviewing and mapping the peer-reviewed literature, and conducting cost-effectiveness and health equity analyses of interventions; (ii) create new communication tools and education resources based on this evidence by using participatory action research methods in close partnership with key stakeholder; and (iii) disseminate those resources to target audiences in a series of resources including an information pack, factsheets, and an online short course on air pollution.

POLLUTION ADVICE FOR PEOPLE WITH ASTHMA



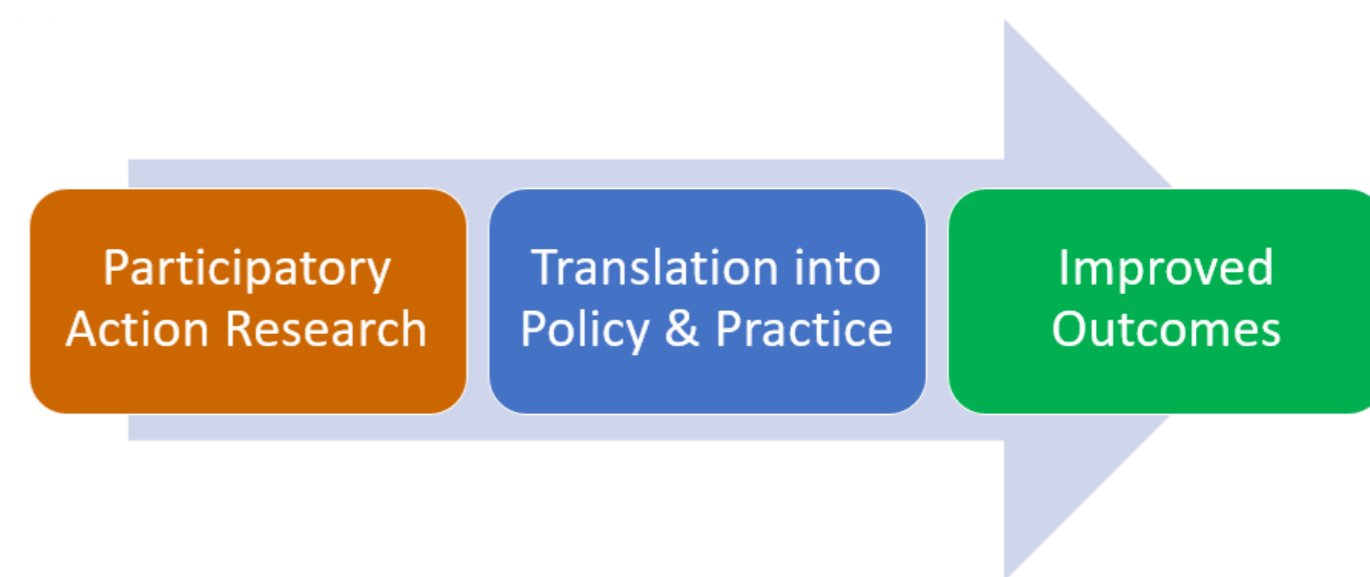
OUTCOMES

The outcomes from this project will include: systematic mapping and cost-effectiveness analysis of interventions; consumer engagement reports targeted to Aboriginal and Arabic communities; factsheets, podcasts and infographics in English and culturally/linguistically adapted for Aboriginal and Arabic audiences; scoping of health messaging on asthma for the AirRater App.; an information hub co-designed to host all resources, and; an online course on air pollution and health for the public and health professionals.

IMPACT

This project will contribute to health benefits for people with asthma, particularly those living in bushfire smoke affected and socio-economically marginalised communities. Building on a strong foundation of existing work, it will develop culturally appropriate communication tools and innovative educational materials that resonate with community and health professionals.

AIR POLLUTION EXPOSURE REDUCTION SOLUTIONS



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