

# Prescribed Burns Study

# NEWSLETTER

March 1st, 2023 / Vol 2

## Funding

Good news! We recently secured a grant which will allow us to conduct another round of data collection for the next planned burn. We have also submitted another two more grant applications, in which are in the process of being assessed.

If you know anyone who is interested in participating in our study, please share our contact details.

**d.vilcins@uq.edu.au**  
**0431 577 272**

## Preliminary results

Thank you to the 6 families who participated in our study. Based on our pilot data, we found that average indoor PM2.5 increased significantly, reaching the Australian standard in the 24-hour burn period. The high concentration gradually decreased to normal levels in the next few days. Our investigation into the health effects are ongoing.

## What does our community think of our research?

Early this year, we went to Toohey Forest and White's Hill to engage with the local residents to discuss about planned burns. Our surveys found that communities are most concerned about the triggering of asthma. 58% of the community found planned burns to be somewhat beneficial and more than half believed research on smoke exposure and health was important.

## Brisbane City Council burns team has asked to be part of the study!

The BCC burns team has been involved in countless fire management activities to keep our communities safe. Their participation in this study will help us understand the impact of high exposure to bushfire smoke on their health and whether if it differs significantly across exposure levels.

