

## PROJECT DETAILS

Project Title:

**Fire Investigators' Workplace Exposures**

Project Summary:

Fire investigators play a critical role in determining the causes of fires. However, the environments they work in can expose them to various occupational hazards, including volatile organic compounds (VOCs), particulate matter (PM), and asbestos, often present in the aftermath of fires.

**Aim:**

To evaluate workplace exposures of fire investigators to harmful substances during post-fire investigations.

**Objectives:**

- Evaluate personal exposure levels to volatile organic compounds (VOCs), asbestos fibres, and particulate matter (PM) during fire investigations.
- Conduct static monitoring of the above contaminants at fire sites to assess environmental exposures.
- Compare exposures to established occupational and environmental limits and provide recommendations for exposure mitigation.

Preferred Applicant Skillset:

Health sciences, occupational hygiene, environmental health, epidemiology.

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