



Student Name: Heather Simpson

Project Title: Productivity and effectiveness of suppression resources and tactics on campaign fires

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Working with bushfire suppression agencies, this project aims to model bushfire operations. Investigations are in their initial stages. The intention is to quantify the effectiveness of different suppression resources and resource levels on campaign fires. This will provide information regarding the cost effectiveness of variable resource types to assist in defining the most cost-effective activities, resource types, or resource combinations that yield the highest levels of effectiveness across differing environmental conditions. The aim is to integrate the results into existing fire simulation modelling.