**Title:** Bush Fire Risk Management Planning in NSW, Australia.

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Over the last 3 years, the RFS (on behalf of the Bush Fire Coordinating Committee) has been implementing a contemporary approach to bush fire risk management planning in New South Wales (NSW), Australia. The methodology considers fire characterisation technology and local community input to assess the bush fire risk to residential, economic, environmental and cultural assets. There are 52 Bush Fire Management Committees in NSW and each Committee will develop a 5 year Plan that highlights areas of concern (Focus Areas) and identifies treatment strategies that will be implemented to mitigate the bush fire risk in those areas. Treatment strategies may include fuel management, community preparedness, ignition prevention and response.

This presentation will outline the methodology used to develop a Bush Fire Risk Management Plan and will evaluate the effectiveness of these Plans using case studies from areas impacted by fire during the 2023/24 bush fire season. We will share some insights into the quantified fire risk modelling and the input of local knowledge. We will then consider how the proposed treatments influenced the fire behaviour and asset impact in each area.