

Bushfire Model: Benefits and Applications

An engaging way to learn and practise

The Bushfire Model is a portable, tactile training tool that firefighters use for training and scenario exercises.

For more than a decade, brigades across Australia have used the Bushfire Model to improve skills, strengthen decision-making, and build confidence at every level. Since 2016, the model has delivered highly engaging, hands-on training that creates a collaborative learning environment and improves training outcomes.



With a flexible landscape and elements including vehicles, appliances, fire shapes, aircraft and assets, the model provides an engaging platform for learning and discussion. Scenarios can be created to involve bushfire, Rural-Urban Interface, urban structure fire, HAZMAT, crash/rescue, land search, and severe weather incidents.



What it's used for

Training & Exercises

- Training courses, trainer-led demonstrations, student activities and assessments
- Station-based training and exercises including Tactical Exercises Without Troops (TEWTs) and Tactical Decision Exercises

Operations Support

- Incident reviews, and debriefs

Engagement & Education

- Cadets, schools, community events, mitigation planning



Why trainers and brigades across Australia use it

- Builds skills at all levels; supports mentoring
- Supports all learning styles; turns complex concepts into clear, real-world understanding
- Strengthens decision-making, situational awareness, prioritisation, and teamwork
- A highly engaging and supportive environment to practise decisions without operational risks

Why it works

- Portable and fast to set up; trainers can modify or reset scenarios in seconds
- Hundreds of elements can create almost any hazard or scenario
- Scales from short demonstrations to large TEWTs; effective in multi-agency settings
- Improves consistency across trainers, shifts and training locations
- A low-tech design that delivers strong learning benefits with minimal resources

The Bushfire Model creates a shared learning experience that strengthens operational capability across brigades and fire agencies.



Bushfire Model

Sharing Firefighting Knowledge

bushfiremodel.com.au