



National  
Operational  
Guidance

# Hazard

## Environmental impact of wildfires



**NFCC**  
National Fire  
Chiefs Council

Developed and maintained by the NFCC

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## Hazard - Environmental impact of wildfires

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### Knowledge and understanding

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Hazard	Learning outcome
Environmental impact of wildfires	Understand all associated hazard knowledge



## Control measure - Consider the protection of ecological and heritage assets

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### TRAINING SPECIFICATION

### Knowledge and understanding

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Control measure element	Learning outcome
Consider the protection of ecological and heritage assets	Understand: <ul style="list-style-type: none"><li>• The importance of pre-planning with responsible people and multi-agencies for ecological and heritage sites</li><li>• The appropriate actions to take if damage is caused during firefighting activities</li><li>• The agencies that should be notified if damage has been, or will be caused during firefighting</li></ul>

### Practical application



**Control measure element**

**Learning outcome**

Consider the environmental impact of firefighting

Demonstrate the ability to :

- Notify the appropriate agencies if damage has been, or will be, caused to ecological and heritage assets during firefighting at wildfire incidents
- Communicate the risks to the environment to personnel and other responders
- Use appropriate environmental protection measures at wildfires



## Control measure - Consider the environmental impact of firefighting

### TRAINING SPECIFICATION

#### Knowledge and understanding

**Control measure element**

**Learning outcome**

Consider the environmental impact of firefighting

Understand:

- That indirect impacts on the environment of firefighting activities at wildfire incidents
- How pre-planning can be used to reduce the environmental impacts of firefighting at wildfires
- How plant and animal pests or diseases can be transmitted
- How to identify sensitive sites

#### Practical application



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**Control measure element**

**Learning outcome**

Consider the environmental impact of firefighting

Demonstrate the ability to:

- Notify the appropriate agencies if damage has been, or will be, caused to the environment during firefighting activities at wildfire incidents
- Use appropriate equipment and processes at wildfire incidents to minimise the environmental impacts of firefighting activities
- Implement appropriate environmental protection measures at wildfire incidents
- Use hand tools (fire-beaters) and high pressure fogs to suppress wildfire at sensitive sites
- Put in place appropriate measures to prevent the spread of plant or animal pests and diseases at wildfire incidents