

# YOU ARE INVITED



## Wildfire seminar series 2022

Scion is excited to host the 6th annual Rural Fire Research Conference in a series of seminars in 2022.

The monthly seminars are a way for our end users to network and learn from current research in wildfires nationally and internationally.

### 1

Wednesday,  
23 March 2022  
9.20 am start

#### CONFERENCE WELCOME (LIVE)

- Past and current MBIE programme
- Climate change research (keynote speaker)
- Climatology, including graphing tool
- Live Q&A session with presenters

### 2

Wednesday,  
27 April 2022  
11 am – 12 noon

#### EXTREME FIRE BEHAVIOUR

- Convective fire spread model
- Atmospheric turbulence
- Fire spread/hot air parcels
- Fire spread image analysis techniques
- Live Q&A with presenters

### 3

Wednesday,  
25 May 2022  
11 am – 12 noon

#### SOCIAL SCIENCE

- Wanaka Community case study (Mt Iron)
- Regional and National surveys (quantitative)
- Mt Iron community education
- Lifestyle block owners' community action model
- Integrating formal and informal volunteers
- Live Q&A session with presenters

### 4

Wednesday,  
29 June 2022  
11 am – 12 noon

#### TOOLS AND TECHNOLOGY

- Real time fire and smoke forecast tool
- Canadian use of psas (Prometheus)
- Burn extent mapping – remote sensing
- Sensors
- Air attack VR training
- Live Q&A session with presenters

### 5

Wednesday,  
27 July 2022  
11 am – 12 noon

#### FUELS AND FIRE ECOLOGY

- NZ fire ecology
- Plant flammability
- Spontaneous combustion of forest slash at skid sites
- Satellite fuel mapping
- LiDAR fuel structure
- Live Q&A session with presenters

### 6

Wednesday,  
31 August 2022  
11 am – 12 noon

#### CULTURAL

- FENZ Kaupapa Māori/Hiwa-I-Te-Rangi
- Research on Māori use of fire
- Targeted protection
- Outcome/impact of targeted protection
- Kauta design project
- Live Q&A with presenters

### 7

Wednesday,  
28 September 2022  
11 am – 12 noon

#### LEARNINGS FROM THE OHAU WILDFIRE

- Ohau wildfire – the fire itself
- House loss analysis
- Fire data storyline
- Ohau wind modelling
- Live Q&A with presenters

### 8

Wednesday,  
26 October 2022  
11 am – 12 noon

#### RURAL URBAN INTERFACE

- Rural Urban Interface
- FENZ risk reduction
- Wildfire risk mitigations
- RUI mapping
- Live Q&A with presenters

### 9

Wednesday,  
30 November 2022  
11 am – 12 noon

#### APPLICATION

- FENZ – Triggers Presentation
- Community fire risk planning
- Farmer burn research and training tool
- Fire season analysis
- Soil moisture
- Live Q&A with presenters

Please feel free to pass the seminar information on to colleagues in your network who may be interested in attending.

Registrations are now open. You can register for all or individual events. Register here:

<https://wildfire-seminar-series-2022.lilregie.com>

For more information, please see

[www.scionresearch.com/wildfire-seminar-series2022](http://www.scionresearch.com/wildfire-seminar-series2022)