



## New books, articles and reports in your library this month

**New Resources this month** include articles, reports and books on the Japanese tsunami and Hurricane Katrina, the Victorian Black Saturday bush fires, the Productivity Commission report on Emergency services, community engagement, Gibson Desert's indigenous fire practice, disaster risk reduction policies for children, both Michelle Obama and Leigh Sales' new books, and recently published articles from Fire, Wildfire Journal, International Journal of Wildland Fire, Crisis Response Journal, Fire Engineering and International Journal of Disaster Risk Reduction...plus so much more.

Contact your librarian Katie to borrow any of the books and DVDs or to request articles at [rfs.library@rfs.nsw.gov.au](mailto:rfs.library@rfs.nsw.gov.au)



### 2009 Black Saturday Bush Fires Readings

The library has a number of books that relate not only the 2009 Black Saturday bush fires incident in detail from a firefighting perspective but also accounts from the individuals and the communities that faced the disaster.

A list of the readings available to borrow from the library is available [here](#)

Image: After the flames: burned forest in Strathewen, Victoria, March, 2009. Credit: Mia Schoen Source <http://media.bom.gov.au>

## FIRE INCIDENTS – AUSTRALIAN



### [The arsonist : a mind on fire](#) (Book)

Chloe Hooper, 2018

On the scorching February day in 2009 that became known as Black Saturday, a man lit two fires in Victoria's Latrobe Valley, then sat on the roof of his house to watch the inferno. In the Valley, where the rates of crime were the highest in the state, more than thirty people were known to police as firebugs. But the detectives soon found themselves on the trail of a man they didn't know. The Arsonist takes readers on the hunt for this man, and inside the strange puzzle of his mind.

Please contact the library to request a loan of this book.



### [Black Saturday : not the end of the story](#) (Book)

Peg Fraser, 2018

Peg Fraser, working as a Museum Victoria curator with survivors in the small settlement of

## EMERGENCY MANAGEMENT



### Report on government services 2019: Emergency management - Chapter 9 Emergency services for fire and other events (Online report)

Productivity Commission, 24 Jan 2019

The focus of performance reporting in this chapter is on emergency services for fire events. Descriptive information is included on emergency services for other events, with performance reporting to be developed for future Reports.

Use this [PC link](#) to read report online



### [Ghosts of the tsunami](#) (Book)

Richard Lloyd Parry, 2017

On 11 March 2011, a massive earthquake sent a 120-foot-high tsunami smashing into the coast of north-east Japan. By the time the sea retreated, more than 18,000 people had been crushed,

Strathewen, listened to these stories but also to other, more challenging narratives. The memories and thoughts that Fraser heard, and gives voice to in this book, complicate much of what we thought we knew about the experience of catastrophic natural events. Although all members of the same community, Strathewen's survivors lived through Black Saturday and its aftermath in ways that were often very different from each other.

*Listen to the author discuss her book on The Conversation Hour ABC at this [link](#) (41 minutes)*

*Please contact the library to request a loan of this book.*



**Enhancing public information practice during the response phase, in Tasmania's emergency services : Ten years on from the Victorian Black Saturday bushfires - public information during response (BNHCRC Report)**

*Peter Middleton, 2019*

Emergency management can be spoken about in terms of 'Prevention, Preparedness, Response and Recovery' (PPRR) or the 'Comprehensive Approach' to managing disasters and emergencies. This report is focused on public information in the response phase. Identifying the current state of practice and challenges in the public information function of Tasmania Fire Service (TFS) and State Emergency Service (SES) emergency response. Proposing enhancements through a series of recommendations, based on a review of the literature and an online survey completed with public information response staff at TFS and SES.

*Use this [BNHCRC link](#) to read the report online.*

**Local responses to disasters: recent lessons from zero-order responders (Journal article)**

*Disaster Prevention and Management, Vol 28 no 1, 2019*

The purpose of this paper is to define and discuss the concept of zero-order responders (ZOR). During disasters, there is a window of time before official and/or external support arrives. During this period, citizens must act unsupported by first responders – devising self-coping strategies in order to survive. In the days, weeks and months following a disaster, local populations are still facing recovery with creativity.

*Please contact the library to request a copy of this article*

*NSW RFS Staff and SES HQ Staff may use this [Emerald link](#) to access the article at work*



**Fire Australia** – the latest issue (4, 2018) is now available online. Articles include the return of the overseas deployment of firefighters from the North American wildfires, the danger of ethanol

burned to death, or drowned. It was Japan's greatest single loss of life since the atomic bombing of Nagasaki. It set off a national crisis, and the meltdown of a nuclear power plant. Richard Lloyd Parry, foreign correspondent, lived through the earthquake in Tokyo, and spent six years reporting from the disaster zone concentrating on one small village that lost most of their children.

*Please contact the library to request a loan of this book.*



**[Social network analysis of disaster response, recovery, and adaptation \(Book\)](#)**

*Eric Jones, 2017*

This book covers systematic social network analysis and how people and institutions function in disasters, after disasters, and the ways they adapt to hazard settings. As hazards become disasters, the opportunities and constraints for maintaining a safe and secure life and livelihood become too strained for many people.

*Please contact the library to request a loan of this book.*

**Independent Review of Fire and Emergency New Zealand's workplace policies, procedures and practices to address bullying and harassment (Online report)**

*Fire and Emergency New Zealand, January 2019*

Fire and Emergency New Zealand has released an independent review into its workplace policies, practices and procedures to address bullying and harassment, which has clearly highlighted a need for change. The review was commissioned to give direction on how to lead a safe and inclusive workplace, following the formation of Fire and Emergency New Zealand in July 2017, which brought together 14,000 people, across nearly 40 different firefighting organisations with different cultures, identities and ways of doing things.

*Use this [F&ENZ link](#) to read the report online.*



**Australian Journal of Emergency Management – January 2019 issue is now online.**

Includes articles discussing mental health needs of police and emergency services personnel, long-term consequences of flooding: a case study of the 2011 Queensland floods, and hazard-smart remote communities in northern Australia  
*The journal can be read online [here](#).*



**[Meltdown : why our systems fail and what we can do about it \(Book\)](#)**

*Christopher Clearfield, 2018*

In Meltdown, world-leading experts in disaster prevention, the authors, use real-life examples

heaters, a summary of the AFAC2018 conference, BNHCRC research benefits, severe weather seasons and Australia's value monitor standards.

Use this [BNHCRC link](#) to read the magazine online.

### **Demographic profiling: Victorian bushfires 2009 case study (Online report)**

BNHCRC, Dec 2018

In this report, we provide some high-level demographic profiling and descriptive analysis of the Victorian Black Saturday bushfire affected areas to present a baseline of their overall socioeconomic characteristics, drilling in on particular attributes (e.g. home ownership) to provide further context to some of our more puzzling research findings. The profiling is area-based (either SA2 or LGA, depending on available information) and utilises the ABS Census as the primary data source, in line with project methodology.

Use this [BNHCRC link](#) to read the article online.

## **FIRE INCIDENTS – INTERNATIONAL**

### **Analysis of forest fire fatalities in Southern Europe: Spain, Portugal, Greece and Sardinia (Italy) (Journal article)**

*International Journal of Wildland Fire, Earlycite, 2019*

Wildfire fatalities remain a significant problem in Mediterranean Europe. There is a strong inter-annual variability in losses. Repeated tragic accidents remind us of this grim reality, regardless of the increasing firefighting capacity aiming to improve human safety. This paper presents an analysis of 865 fatalities over the period 1945–2016.

Please contact the library to request a copy of this article



### **Fire in the night : the Piper Alpha disaster (Book)**

Stephen McGinty, 2018

This updated edition by journalist Stephen McGinty tells in gripping detail the devastating story of when in July 1988 a series of explosions ripped through the Piper Alpha oil platform, 110 miles north-east of Aberdeen in the North Sea. Ablaze with 226 men on board, the searing temperatures caused the platform to collapse in just two hours. Only sixty-one would survive. Please contact the library to request a loan of this book.

### **Landscape fires : The Canadian Context (Journal article)**

*Crisis Response Journal, December 2018*

from around the world to reveal the errors in thinking, perception, and system design that lie behind both our everyday errors and disasters like the Fukushima nuclear accident. It reveals why ugly designs make us safer, how a five-minute exercise can prevent billion-dollar catastrophes, why teams with fewer experts are better at managing risk, and why diversity is one of our best safeguards against failure.

Please contact the library to request a loan of this book.



### **[Integrating emergency management and disaster behavioral health \(Book\)](#)**

identifies the most critical areas of integration between the profession of emergency management and the specialty of disaster behavioural health, providing perspectives from both of these critical areas, and also including very practical advice and examples on how to address key topics e.g. legal and ethical considerations and the public-private partnerships that are important for leadership in disaster situations

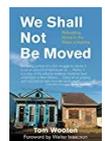
Please contact the library to request a loan of this book.



### **[Awesome forces : the natural hazards that threaten New Zealand \(Book\)](#)**

Informative, generously illustrated, and written by some of New Zealand's leading scientists, this massively revised and updated edition of Te Papa Press's best-selling title is now more relevant than ever. With all-new information on climate change and the social and emotional impact of disasters, this book is a fascinating and essential resource.

Please contact the library to request a loan of this book.



### **[We shall not be moved : rebuilding home in the wake of Katrina \(Book\)](#)**

Tom Wooton, 2015

As floodwaters drained in the weeks following Hurricane Katrina, New Orleans residents came to a difficult realization. Their city was about to undertake the largest disaster recovery in American history, yet they faced a profound leadership vacuum: members of every tier of government, from the municipal to the federal level, had fallen down on the job. We Shall Not Be Moved tells the absorbing story of the community leaders who stepped into this void to rebuild the city they loved. Please contact the library to request a loan of this book.

### **Zero-responders : a force multiplier (Journal article)**

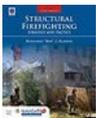
*Crisis Response Journal, December 2018*

Landscape fires are likely to become an increasingly significant source of carbon dioxide emissions, not to mention the damaging cascading effects they have upon communities, warn Casey Brunelle and Joseph Satenstein  
*Please contact the library to request a copy of this article*

**Chilean Wildfires: Probabilistic Prediction, Emergency Response, and Public Communication.** *(US Journal article)*  
*Bulletin of the American Meteorological Society Vol 99, Nov 2018*

The 2016/17 wildfire season in Chile was the worst on record, burning more than 600,000 ha. While wildfires are an important natural process in some areas of Chile, supporting its diverse ecosystems, wildfires are also one of the biggest threats to Chile's unique biodiversity and its timber and wine industries. They also pose a danger to human life and property because of the sharp wildland–urban interface that exists in many Chilean towns and cities. Wildfires are, however, difficult to predict because of the combination of physical (meteorology, vegetation, and fuel condition) and human (population density and awareness level) factors. Most Chilean wildfires are started because of accidental ignition by humans.  
*Use this [AMETSOC link](#) to read the article online*

## FIREFIGHTING



[Structural firefighting : strategy and tactics](#)  
*(Book)*

*Bernard Klane, 2013*

The third edition of Structural Firefighting: Strategy and Tactics leads readers through all phases of planning, evaluation and implementation to enable them to effectively manage structure fire incidents safe and effective manner, regardless of size or complexity.

*Please contact the library to request a loan of this book.*

**Women in fire : Fuel, Oxygen and Heat.** *(Magazine article)*

*Wildfire Magazine, Issue 4, 2018*

In the male-dominated world of wildland fire in America, the Bureau of Land Management is working to address the gender discrimination, harassment and assault that have been endemic to the culture for over a century.

*Use this [IAWF link](#) to read the article online*

Chris Cocking explores Lord Kerslake's recommendations after the Manchester Arena bomb attack of 2017 as they relate to the concept of zero-responders – in other words, members of the public who are first on scene at an incident

*Please contact the library to request a copy of this article*

## SEARCH AND RESCUE

**Easing the worry of wandering** *(Journal article)*  
*Crisis Response Journal, December 2018*

Project Lifesaver International harnesses new technology help search and locate people with cognitive disorders who are lost. Emily Hough talks to its founder, Gene Saunders, a retired captain from Chesapeake VA Police Department

*Please contact the library to request a copy of this article*

**Managing Crush Injuries and Crush Syndrome** *(US Journal article)*

*Fire Engineering, Vol 172, no 1, Jan 2019*

The article focuses on how rescuers and emergency medical services (EMS) providers can help in managing crush injuries and crush syndrome. Topics include in crush injury the muscles get compressed, causing direct damage to body tissues, producing swelling and reducing circulation, and crush syndrome is a reperfusion (return of blood flow) injury.

*Please contact the library to request a copy of this article*

*NSW RFS Staff may use this [EBSCO link](#) to access the article at work*

More books, websites and manuals on this topic are found on our library webpage [Search and Rescue Resources](#).

## NATURAL ENVIRONMENT

**New insights on animal movement in fire-prone landscapes** *(Online news article)*

*ScienceDaily, 19 December 2018*

A new Biological Reviews article considers how fire histories affect animals' movement and shape the distribution of species. The review article also considers how novel threats of altered fire regimes, landscape fragmentation, and invasive species result in suboptimal movements that drive populations downwards.

*Use this [ScienceDaily link](#) to read the news article online*

**Technology, Robots, and Can Openers** *(US Journal article)*  
*Fire Engineering, Vol 172, no 1, Jan 2019*

The article discusses whether machines, robots, and technology may someday replace firefighters. Topics include in the 1930s, there was a political movement called "the revolt of the engineers" or the technocrats in which they wanted to replace governments and markets with technology, and the use and integration of new technology into fire engineering operations are serious matters though.

*Please contact the library to request a copy of this article*  
*NSW RFS Staff may use this [EBSCO link](#) to access the article at work*

**Calculation of Critical Water Flow Rates for Wildfire Suppression** *(Journal article)*

*Fire, Vol 2 (1), 2019*

Predicting water suppression requirements and its impacts on firefighting strategies and logistics within the urban environment has been the subject of many previous studies, however the same level of research has yet to be applied in the realm of wildfire suppression.

*Use this [MDPI link](#) to read the article online.*

## **FIRE BEHAVIOUR**

**Modelling of the Radiant Heat Flux and Rate of Spread of Wildfire within the Urban Environment** *(Journal article)*

*Fire, Vol 2 (1), 2019*

One approach to increase community resilience to wildfire impacts is the enhancement of residential construction standards in an effort to provide protective shelters for families within their own homes. Current wildfire models reviewed in this study assume fire growth is unrestricted by vegetation fuel bed geometry; the head fire has attained a quasi-steady rate of spread; and the shielding effects of urban development are ignored. As a result, radiant heat flux may be significantly overestimated for small vegetation fires in road reserves, urban parklands, and similar scenarios. This paper proposes two new models to address this issue.

*Use this [MDPI link](#) to read the article online.*

**The Rapid Deployments to Wildfires Experiment (RaDFIRE): Observations from the Fire Zone.** *(US Journal article)*

*Bulletin of the American Meteorological Society Vol 99, Dec 2018*

The Rapid Deployments to Wildfires Experiment (RaDFIRE) was a meteorological field campaign aimed at observing

## **COMMUNITY ENGAGEMENT**

**Emergency preparedness and planning for animals: a case study in the Blue Mountains, NSW** *(Journal article)*

*Megan McCarthy and Mel Taylor, AJEM October 2018*

Planning for animals in the response and recovery phases of disasters is crucial to mitigate the negative effects that the loss or separation of animals can have. The human-animal bond can influence people's decisions during emergencies including how they will respond and when or if they evacuate. This paper uses results of a survey of residents in the Blue Mountains, NSW, who own animals to identify their emergency preparedness and their intended actions in an emergency event.

*Use this [AIDR link](#) to read the article online.*

**Young peoples' perceptions of the firefighters role**

*(Online New Zealand report)*

*NZ Fire and Emergency, 2019*

Fire and emergency services have changed dramatically in recent years and it is unclear if young people understand the modern firefighting role in New Zealand. So we asked, What do young people think of firefighters today?

*Use this [F&ENZ link](#) to read the article online.*

**Community Engagement Response Teams : A view from the United States** *(Journal article)*

*Crisis Response Journal, December 2018*

Local, state and federal government agencies do not have the capacity to help all citizens during all stages of a crisis, and nor should they, according to Robert Fagan. But individuals can prepare to cope during the critical period before first responders may be available

*Please contact the library to request a copy of this article*

**Australian wildland-urban interface householders' wildfire safety preparations: 'Everyday life' project priorities and perceptions of wildfire risk** *(Journal article)*

*International Journal of Disaster Risk Reduction, Volume 33, February 2019*

Globally, many residents of wildland-urban interface (WUI) communities are at risk of wildfire attack but do not undertake adequate preparations. Householder wildfire risk perception has been proposed as an important influence on risk mitigation preparatory actions. However, research findings have been inconsistent. Implications of viewing wildfire preparation actions as being situated in everyday life contexts are discussed.

fire–atmosphere interactions during active wildfires. Using a rapidly deployable scanning Doppler lidar, airborne Doppler radar, and a suite of other instruments, the field campaign sampled 21 wildfires from 2013 to 2016 in the western United States. Collectively, these RaDFIRE observations highlight the range of meteorological phenomena associated with wildfires, especially plume dynamics, and will provide a valuable dataset for the modelling community.

Use this [AMETSOC link](#) to read the article online

**Grass fuel load effect on fire spread** (*Pyropage bulletin*)  
CSIRO, December 2018

Analysis of a series of field experiments across a broad range of grasslands found an inverse relationship between fuel load and fire spread rate. A fuel load effect function has been developed that can be applied to grassfire spread models used in Australia.

Use this [CSIRO link](#) to read the article online

## FIRE MANAGEMENT

**Indigenous fire practice protecting the Gibson Desert's biodiversity** (*Online news article*)

*ScienceDaily*, 10 October 2018

Traditional indigenous burning practices are protecting plant biodiversity in Australia's Gibson Desert, according to new research. The study analysed how environments dominated by flammable spinifex grasses and fire-sensitive desert myrtle shrubs reacted to wildfires, and to the low-intensity burning practices of the Pintupi people.

Use this [ScienceDaily link](#) to read the news article online

If you are interested in reading the journal article,

**Evidence that shrublands and hummock grasslands are fire-mediated alternative stable states in the Australian Gibson Desert** by Boyd R. Wright that this news item is

based on please contact the library.



**Forest fires: Sparking firesmart policies in the EU** (*Online report*)

European Commission, 2018

This document critically reviews the results of EU research on forest fires with a view to exploring policy adaptation to face the new challenges imposed by megafires. The review demonstrates that EU-funded research has stimulated advances in fire knowledge, operational management and decision-support mechanisms while enhancing cooperation between the key actors. The review highlights specific areas for improvement.

Please contact the library to request a copy of this article

**Increasing residents' preparedness and planning for natural hazards : annual project report 2017-18** (*Online report*)

BHNCRC, November 2018

This project addresses the following problem statements: 1) what measures can best be used to capture individuals' preparedness and planning for natural hazards?, 2) how effective are traditional strategies, such as community engagement groups vs. brochures vs. websites vs. advertising in increasing preparedness and planning by residents of hazard prone areas?, and 3) what are some of the key barriers and motivators for residents' engagement with disaster resilience building activities, and how can strategies be improved to increase preparedness for natural hazards? All problem statements have been addressed within the context of bushfires and floods.

Use this [BNHCRC link](#) to read the report online.

**Public perceptions towards wildfire preparedness in the Veluwe region of the Netherlands** (*Journal article*)

*International Journal of Wildland Fire*, Earlycite, 2019

The Netherlands has a growing threat of wildfires due to warmer and drier weather patterns. The purpose of this study was to identify public perceptions towards wildland fire preparedness in the forested Veluwe region of the country to aid those managers who would be affected by wildland fires to better plan for and manage fire events. Over 500 surveys were distributed to assess public opinions and perceptions regarding wildland fire and public expectations of government agencies in the event of a wildfire.

Please contact the library to request a copy of this article

## COMMUNITY RESILIENCE

**Using Minecraft and Lego for disaster risk resilience** (*Journal article*)

*Crisis Response Journal*, December 2018

Children are often ignored when developing disaster risk reduction policies, yet their participation is an essential element when creating safer communities. Here, researchers from New Zealand outline a project that builds the resilience of children through play

Please contact the library to request a copy of this article

Use this [European Commission link](#) to read the report.

### **Mitigating Wildfire Risk in the Wildland Urban Interface, Part 1.** (US Journal article)

*Fire Engineering, Vol 172, no 1, Jan 2019*

The article focuses on mitigating wildfire risk in the wildland urban interface in the U.S. Topics include methods for improving decades of poor urban planning and policy and management decisions that have resulted in dangerous conditions among wildlands and communities can limit the impact of wildfire by coordinating fuel reduction efforts through prescribed burns and establishing wildfire management plans.

*Please contact the library to request a copy of this article*

*NSW RFS Staff may use this [EBSCO link](#) to access the article at work*

### **Social fragmentation and wildfire management:**

#### **Exploring the scale of adaptive action** (Journal article)

*International Journal of Disaster Risk Reduction, Volume 33, February 2019*

One overarching goal of United States fire management focuses on fostering human populations who can “adapt” to wildfire as an unavoidable, reoccurring process operating in the landscapes where they live. The goal of creating “fire adapted communities” is generally taken to mean that human populations can effectively prepare for, respond to and recover from wildfire events by reducing significant losses to important values, minimizing the need for suppression resources, and allowing fire to play a natural role in wildland ecosystems. Yet adaptation in any given place is not just a product of potential future action surrounding wildfire or natural resource management.

*Please contact the library to request a copy of this article*

## **METEOROLOGY AND CLIMATE CHANGE**

### **Climate change is poised to deliver more Black Saturdays in decades to come home** (News article)

*The Conversation, 7 Feb 2019*

Ten years ago, on February 7, 2009, the Black Saturday bushfires killed 173 people. The climate is changing due to human induced greenhouse gas emissions, and this means more bushfire danger days in what is already one of the most fire-prone countries in the world. Unfortunately, we have not done enough to curb climate change and the situation is getting worse.

### **Local responses to disasters: recent lessons from zero-order responders** (Journal article)

*Disaster Prevention and Management, Vol 28 no 1, 2019*

The purpose of this paper is to define and discuss the concept of zero-order responders (ZOR). During disasters, there is a window of time before official and/or external support arrives. During this period, citizens must act unsupported by first responders – devising self-coping strategies in order to survive. In the days, weeks and months following a disaster, local populations are still facing recovery with creativity.

*Please contact the library to request a copy of this article*

*NSW RFS Staff and SES HQ Staff may use this [Emerald link](#) to access the article at work*

### **After the Fort McMurray wildfire there are significant increases in mental health symptoms in grade 7-12 students compared to controls** (Journal article)

*BMC Psychiatry, Vol 19, no 1, Jan 2019*

In order to examine the impact of disasters on adolescent mental health, this study compared population mental health survey data from two communities in Alberta, Canada: Fort McMurray, which experienced a major natural disaster, and Red Deer, which did not. The results are consistent with previous findings showing a significant negative impact of disasters on many aspects of adolescent mental, with a particular increase in symptoms related to depression and suicidal thinking.

*Please contact the library to request a copy of this article*

*NSW RFS Staff may use this [EBSCO link](#) to access the article at work*

## **LEADERSHIP AND MANAGEMENT**



### **Dare to lead : brave work, tough conversations, whole hearts** (Book)

*Brene Brown, 2018*

Leaders are people who hold themselves accountable for recognising the potential in people and ideas, and developing that potential. This is a book for everyone who is ready to choose courage over comfort, make a difference and lead. When we dare to lead, we don't pretend to have the right answers. We don't see power as finite and hoard it; we know that power becomes infinite when we share. We don't avoid difficult conversations and situations

*Please contact the library to request a loan of this book.*

Use this [The Conversation link](#) to read the news online



**Weather gone wild: climate change-fuelled extreme weather in 2018** (Online report)

Climate Council of Australia, 6 Feb 2019

The past four years have been the four hottest on record for global surface temperature, continuing a long-term warming trend.

All extreme weather events are being influenced by climate change, as they are occurring in an atmosphere that contains more energy than 50 years ago.

Extreme weather events are very costly, with insurance companies in Australia paying out more than \$1.2 billion dollars in claims last year.

Use this [APO link](#) to read the report online

**State of the climate 2018** (Online report)

Bureau of Meteorology (Australia), Commonwealth Scientific and Industrial Research Organisation (CSIRO), 20 Dec 2018

This fifth, biennial State of the Climate report draws on the latest monitoring, science and projection information to describe variability and changes in Australia's climate. Observations and climate modelling paint a consistent picture of ongoing, long-term climate change interacting with underlying natural variability.

Use this [APO link](#) to read the report online

## LAND-USE PLANNING

**The role of defensible space on the likelihood of house impact from wildfires in forested landscapes of south eastern Australia** (Journal article)

*International Journal of Wildland Fire*, Earlycite, 2019

The number of houses at risk from wildfire continues to increase around the world as populations continue to expand into fire-prone areas. Creating defensible space (managing fuels within a 30-m zone around a house) is a key strategy for mitigating risk, but there is a need to evaluate the key components of defensible space. This study examined house impact in 27 independent forest fires from New South Wales, Australia, between 2001 and 2009, comprising 309 houses destroyed or damaged and 618 unburnt houses. A range of spatial measures of vegetation, nearby buildings, waterbodies and topography were measured around each house.

Please contact the library to request a copy of this article

**The wildfire within: gender, leadership and wildland fire culture** (Journal article)

*International Journal of Wildland Fire* Vol 27, no 11, 2018

This article examines findings from a 2016 study on gender and leadership within the British Columbia Wildfire Service (BCWS), Canada. The study utilised action research to facilitate an in-depth conversation among wildland firefighters about gender and leadership, and to explore participant-derived actions steps within the BCWS towards a perceived ideal future(s). The study found widespread occurrences of gender discrimination in the day-to-day practice of leadership, and that gender made a difference for wildland firefighters' experiences of normative workplace culture.

Please contact the library to request a copy of this article.

**Ten propositions about public leadership** (Journal article)

*International Journal of Public Leadership*, Vol 14 no 4, 2018

This paper reviews the public leadership field through ten propositions. They are the author's personal choice, not only strongly grounded in the academic literature on public leadership but also drawing on their own research and on informal discussions with academics, policy makers and practitioners on this topic.

Please contact the library to request a copy of this article

NSW RFS Staff and SES HQ Staff may use this [Emerald link](#) to access the article at work

**The Howard Government volumes**

The library holds both published volumes, edited by Tom Frame, of the projected four-volume series that investigates the performance of the four Howard governments (1996–2007).



[The ascent to power, 1996](#). (Book)

This first of four volumes on the Howard Government's nearly 12 years in office draws on unpublished documents from John Howard's papers held at UNSW Canberra. It covers the 1996 election, relationships with the Australian Public Service and Senate crossbenchers, reversing the budget 'black hole' and gun law reform following the Port Arthur massacre.



[Back from the brink, 1997-2001](#) (Book)

In this second volume, politicians, commentators and scholars including Michael Wesley, Hugh White, Peter Costello, Phillipa McGuinness and Tom Frame and take a critical look at the

### **Gaining public input on natural hazard risk and land-use planning: A case study from New Zealand** (*Journal article*)

*Disaster Prevention and Management, Earlycite, 2019*

Risk-based land-use planning is a major tool for reducing risks and enabling communities to design for and mitigate against natural hazard events. Moving towards a risk-based approach to land-use planning involves changes in planning and public communication practice for local government agencies. However, talking to people about how decisions made in the present may increase risk in the future is notoriously hard and requires carefully crafted public discussion. The paper aims to discuss these issues.

*Please contact the library to request a copy of this article*  
*NSW RFS Staff and SES HQ Staff may use this [Emerald link](#) to access the article at work*

### **Murray-Darling Basin Royal Commission report** (*Online report*)

*Murray-Darling Basin Royal Commission, 31 Jan 2019*

South Australia's Royal Commission into the Murray Darling Basin Plan has handed down its final report. The year-long investigation was prompted by allegations of water theft by cotton farmers in New South Wales.

*Use this [MDBRC link](#) to read the report online*

## **BUILDINGS**

### **How a bushfire can destroy a home** (*News article*)

*The Conversation, 7 Feb 2019*

Ten years after the devastation of Black Saturday, building design has largely been unrecognised as an area worthy of research. We have advanced our knowledge of the materials used in the construction of homes in bushfire-prone areas but we continue to use the design model of the suburban home.

This needs to change. An initial starting point is to consider the way previous bushfires have damaged and destroyed buildings.

*Use this [The Conversation link](#) to read the news online*

## **VOLUNTEER MANAGEMENT**

### **Emergency volunteering 2030: views from local government managers** (*Online report*)

*BNHCRC, December 2018*

Howard Government's performance, and analyse landmark events -- Wik and native title, a succession of ministerial resignations, the Patrick Corporation waterfront dispute, the Coalition's near defeat at the 1998 election, the response to post-independence violence in East Timor, and the introduction of the GST. *Please contact the library to request a loan of either of these books.*



### [Turn the ship around! : a true story of turning followers into leaders](#) (*Book*)

*David Marquet, 2015*

Captain David Marquet was used to giving orders. In the high-stress environment of USS Santa Fe, a nuclear-powered submarine, it was crucial his men did their job well. But the ship was dogged by poor morale, poor performance and the worst retention in the fleet. One day, Marquet unknowingly gave an impossible order, and his crew tried to follow it anyway. He realised he was leading in a culture of followers, and they were all in danger unless they fundamentally changed the way they did things. Marquet took matters into his own hands and pushed for leadership at every level.



### [Drive : the surprising truth about what motivates us](#) (*Book*)

*Daniel Pink, 2018*

Most people believe that the best way to motivate is with rewards like money. That's a mistake, says Daniel H. Pink. He asserts that the secret to high performance and satisfaction—at work, at school, and at home—is the deeply human need to direct our own lives, to learn and create new things, and to do better by ourselves and our world. Drawing on four decades of scientific research on human motivation, Pink exposes the mismatch between what science knows and what business does.

*Please contact the library to request a loan of this book.*

## **WOMEN AND SUCCESS**



### [Becoming](#) (*Book*)

*Michelle Obama, 2018*

As First Lady of the United States of America—the first African-American to serve in that role—she established herself as a powerful advocate for women and girls in the U.S. and around the world, dramatically changing the ways that families pursue healthier and more active lives, and standing with her

This report presents views on the future of emergency volunteering from local government and local government association managers across Australia that have recent experience with this volunteering.

In this report, emergency volunteering means all types of volunteering that supports communities before, during and after a disaster or emergency, regardless of its particular organisational affiliation, or lack thereof.

Use this [BNHCRC link](#) to read the report online.

## HISTORY



[Forgotten war](#) (Book)

Henry Reynolds, 2013

This book continues the story told in Henry Reynolds' seminal book *The Other Side of the Frontier*, giving a thorough and systematic account of what caused the frontier wars between white colonists and Aborigines, how many people died and whether the colonists themselves saw frontier conflict as a form of warfare.

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## INFORMATION TECHNOLOGY



[Accelerate : the science behind DevOps : building and scaling high performing technology organizations](#) (Book)

Nicole Forsgren, 2018

Accelerate your organisation to win in the marketplace. How can we apply technology to drive business value? For years, we've been told that the performance of software delivery teams doesn't matter and that it can't provide a competitive advantage to our companies. Readers will discover how to measure the performance of their teams, and what capabilities they should invest in to drive higher performance. This book is ideal for management at every level.

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[The phoenix project : a novel about IT, DevOps, and helping your business win](#) (Book)

Gene Kim, 2018

In this newly updated and expanded edition of the bestselling *The Phoenix Project*, co-author Gene Kim includes a new afterword and a deeper delve into the Three Ways as described in *The DevOps Handbook*. This updated classic will guide readers through

husband as he led America through some of its most harrowing moments.

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Books on this topic are found in our library's [Women and Success online bibliography](#).

## MENTAL HEALTH & INCIDENT STRESS

**First response emergency care – experiences described by firefighters** (Journal article)

*Journal of Emergency Management, Earlycite, 2019*

The purpose of this paper is to describe firefighters' experiences of first response emergency care. The firemen's uniform as a mental barrier, colleagues, time to mentally prepare and to be allowed to show feelings are all needed to cope. It is, therefore, important to encourage, promote and strengthen the protective role of camaraderie for the firefighter. Being acknowledged for their contribution to other peoples' lives and well-being can acknowledge the firefighters' importance.

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NSW RFS Staff and SES HQ Staff may use this [Emerald link](#) to access the article at work

**Could Community Risk Reduction Be a Suicide Preventer for First Responders?** (US Journal article)

*Fire Engineering, Vol 171, no 12, Dec 2018*

The article offers the author's insights on the benefits of community risk reduction (CRR) in preventing suicide incidents among first fire responders. Topics discussed include mental health issues in the fire service, the need for CRR programs and interventions to reduce the impact of injuries and deaths on first responders' mental health, and the survey conducted among respondents via email and social media on CRR.

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[Any ordinary day](#) (Book)

Leigh Sales, 2018

Journalist Leigh Sales talks intimately with people who've faced the unimaginable, from terrorism to natural disaster to simply being in the wrong place at the wrong time. She finds strength, hope, even humour. Leigh brilliantly condenses the cutting-edge research on the way the human brain

their DevOps journey and help propel their teams into the future of IT.

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## GENERAL



[Open to think : slow down, think creatively, and make better decisions](#) (Book)

Dan Pontefract, 2018

We have begun to reward speed over quality, and the negative effects suffered in both our personal and professional lives are potentially catastrophic. Best-selling author and Chief Envisioner Dan Pontefract offers the solution to this predicament with what he coins "Open Thinking," a cyclical process in which creativity is encouraged, critiquing leads to better decisions, and thoughtful action delivers positive, sustainable results.

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processes fear and grief, and poses the questions we too often ignore out of awkwardness.

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**Accessibility and quality of mental health services in rural and remote Australia** (Online report)

Senate Community Affairs References Committee report, Dec 2018

This report makes 18 recommendations to government, including calling for a national rural and remote mental health strategy to address the low rates of access to mental health services and the high rate of suicide in Australia's rural and remote communities.

*Use this [APO link](#) to read the report online*

Books on this topic are found in our library's [Mental Health and You](#)

## HEALTH AND WELLBEING

**Queensland Fire and Emergency Services: Promoting the Message of "Go Home Clean"** (US Journal article)

Fire Engineering, Vol 172, no 1, Jan 2019

The article focuses on the Queensland (Australia) Fire and Emergency Services (QFES), which has undertaken a research program aimed at characterizing hazards posed to firefighters from toxic combustion products that may be deposited on protective clothing and skin. Topics include experiments have included residential fires, commercial premises fires, and industrial fires.

*Please contact the library to request a copy of this article*

*NSW RFS Staff may use this [EBSCO link](#) to access the article at work*



[The fast 800 : how to combine rapid weight loss and intermittent fasting for long-term health](#) (Book)

Michael Mosley, 2019

Six years ago, Dr Michael Mosley started a health revolution with The 5.2 Fast Diet, telling the world about the incredible power of intermittent fasting. In this book he brings together all the latest science (including a new approach: Time Restricted Eating) to create an easy-to-follow programme. Recent studies have shown that 800 calories is the magic number when it comes to successful dieting.

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**Health Effects of Wildfire Smoke: Tools you can use.** (Magazine article)

*Wildfire Magazine, Issue 4, 2018*

With fire there's smoke, and in the past years, smoke and smoke management has grown into a key issue for fire managers and the public. This smoke primer by a leading CDC health communicator can help clear the smoky air. The online version has links to references.

Use this [IAWF link](#) to read the article online.

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