



New books, articles and reports in your library this month

This month's new additions includes books, reports and articles that cover community resilience and recovery, the Canadian wildfires, green firebreaks, bushfire evacuation decisions, fire thunderstorms, Code 10/50, more additions to our Search and Rescue collection, plus some books that may interest those travelling to the 2018 ANZAC Day commemorations at Gallipoli. Contact your librarian Katie to borrow any of the books or to request articles at rfs.library@rfs.nsw.gov.au

International Women's Day – 8th March...tomorrow!

Rather difficult to contain one's excitement about International Women's Day, this day is certainly celebrated by our NSW RFS library department, compiled exclusively of female staff (the librarian). This year, with the Trove digitisation of our Bush Fire Bulletin and Sitrep Bulletin, one is able to delve easily into our historical collection and find some wonderful articles on the involvement of women within the emergency services over the years.



In 1958, the *Bush Fire Bulletin* published bush fire prevention hints for country women. Mrs C. H. Moore compiled the hints from her own experience, explaining, "Calmness which results from careful planning is the greatest contribution such a country woman can make". [Read more of this article here.](#)



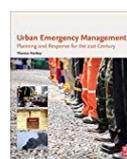
The *Sitrep* Autumn issue of 1978 announced Mrs Ruth Irwin has been elected as the first woman bush fire brigade captain, taking up the position for the Blakebrook Bush Fire Brigade. This brigade formed because of the women's involvement in their local community. [Read more of this article here.](#)

The library has also compiled a collection of books focusing on women that have been gathered together under the title of Women and Success – find the collection easily using this [link](#)

FIRE INCIDENTS – AUSTRALIAN

How do weather and terrain contribute to firefighter entrapments in Australia? (Journal article)
International Journal of Wildland Fire, Vol 27(2), 2018
Sebastien Lahaye, Jason Sharples, Stuart Matthews, Simon Heemstra, Owen Price and Rachel Badlan
Firefighters are occasionally entrapped by wildfires. This paper presents an analysis of incidents in Australia over the last 40 years, and reveals the main contributing

EMERGENCY MANAGEMENT



[Urban emergency management : planning and response for the 21st century \(eBook\)](#)
Thomas Henkey's book takes the concepts and practices of emergency management and places them in the context of the complex challenges faced by the contemporary city. The book provides guidance across all phases of emergency

factors to those entrapments. The effect of a wind change on fire spread direction was found to be the principal cause of fatal fire entrapments.

Please contact the library to request a copy of this article

Surviving bushfire: the role of shelters and sheltering practices during the Black Saturday bushfires (*Journal article*)

Raphaela Blanche et al.

Environmental Science and Policy 81 (2018)

The decision of whether to leave or stay and defend is a well-communicated public safety policy for those at risk from bushfire in Australia. Advice relating to sheltering practices during bushfire is less developed. This paper presents findings from a study of sheltering practices during the 2009 Black Saturday bushfires.

Please contact the library to request a copy of this article



Bushfire Safety (eBook)

Part of the Issues in Society series, this book explores the basics of bushfires, how and where they occur, the threats they pose and their hazards. The book also explains in detail how to effectively prepare your home for a bushfire, and when to safely leave.

This [title link](#) allows NSW RFS Staff to open the eBook directly when at work. Volunteers and for those wishing to use the eBooks at home, please [contact the library](#) for a password-embedded link.

FIRE INCIDENTS – INTERNATIONAL

Does compassion go viral? Social media, caring, and the Fort McMurray wildfire (*Conference paper*)

Paper presented at the American Sociological Association Annual Meeting, August 2017, Montreal, Canada

In May 2016, an enormous wildfire threatened the city of Fort McMurray, Alberta and forced the evacuation of all of the city's residents. Outpourings of support teemed in from all across Canada and over the world, prompting the largest charitable response in Canadian Red Cross history. This paper examines Albertans' response to the wildfire by exploring caring and helping behaviours as well as the role of social media in facilitating these remarkable charitable efforts.

Please contact the library to request a copy of this paper

Breaking California's wildfire cycle (*Journal article*)

Crisis Response Journal, Vol 13 no 2, 2018

management, including prevention and all-hazards approaches.

This [title link](#) allows NSW RFS Staff to open the eBook directly when at work. Volunteers and for those wishing to use the eBooks at home, please [contact the library](#) for a password-embedded link.

Reducing risk requires robust data (*Journal article*)

Crisis Response Journal, Vol 13 no 2, 2018

As global commitments on data and monitoring are converted into action, a transformation on risk knowledge is taking place, say Sebastien Penzini, Rosalind Cook and Paola Albrito, reporting on the launch of the new international disaster monitoring systems.

Please contact the library to request a copy of this article

Community Recovery (*Online monograph*)

Australian Institute for Disaster Resilience, February 2018

This monograph features extended versions of articles from the January issue of Australian Journal of Emergency Management. Articles in the monograph cover community recovery capability, social recovery for the elderly, post-disaster temporary memorialising, and health and disaster risk reduction in the Sendai Framework.

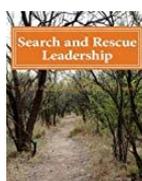
Please use this [AIDR link](#) to read the report online

Police Informer (*Open Access Database*)

Launched just this year from the Australian Institute of Criminology's JV Barry Library, Police Informer is an open access database containing links to full text electronic resources of interest to police and security personnel. The resources are produced by organisations, government agencies and individuals in the form of reports, procedures, briefings, papers, and conference proceedings, are open access items (i.e. publicly available) and produced post 2010. Subjects include leadership, incident management, mental health, fire and training.

Please use this [AIC link](#) to search/browse the PI database.

SEARCH AND RESCUE



Search and rescue leadership (*Book*)

Published in 2017, this text teaches the crew leader to become an effective and efficient searcher and leader. It covers topics such as leadership styles, characteristics of a good leader, and practices that encourage



Few fires in California are without precedent. The state's history is written in fire, each decade marked by losses of life, property, and landscape that follow a predictable cyclical pattern, says Bill

Peterson. Now is the time to see fire management as a societal and political issue.

Please contact the library to request a copy of this paper

Canadian wildfires: a national approach to resource sharing (Journal article)

Freya Jones, Fire Australia, Issue 1, 2018

In the wake of one of the worst fire seasons Canada has ever seen, maintaining international partnerships to share fire management resources between Australia, the US and Canada has proven vital.

Please contact the library to request a copy of this article

The Canadian experience – insights from a media officer (Journal article)

Alison Martin, Fire Australia, Issue 1, 2018

In July 2017, 143 bushfires were sparked in British Columbia (BC), Canada by a lightning band. SA Country Fire Service's Media and Communications Officer, Alison Martin, joined the first of six Australian deployments to the BC.

Please contact the library to request a copy of this article

HAZARD REDUCTION

Cracking the Code: a legal geography and political ecological perspective on vegetation clearing regulations (Journal article)

Matt Salgo and Josephine Gillespie

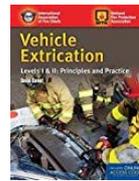
Australian Geographer, February 2018

In 2014, the New South Wales (NSW) state parliament passed legislation implementing a new Code of Practice ('Code 10/50') granting property owners in bushfire-prone areas the right to clear all trees within 10 m, and all vegetation within 50 m, of residences without prior approval from authorities. However, the Code has been plagued by controversy, with accusations of abuse in areas with little or no bushfire history, and a lack of any substantial environmental protections, particularly prior to a review in August 2015. In this paper, the authors examine the debates surrounding the enactment of the Code.

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

effective team participation in the management of various resources. Topics include command structure and integration, safety practices, map reading and navigation, search tactics, and the study of lost person behaviour. It explains random travelling choices of a lost person, in addition to behaviours such as route and direction sampling.

Please contact the library to borrow this book.



[Vehicle extrication level I & II : principles and practice \(Book\)](#)

National Fire Protection Association, 2011
Technical rescuers need to know how to safely and effectively operate at small and large vehicle and machinery extrication

incidents. This book provides all the critical knowledge and skills necessary for technical rescue teams to perform in these environments.

Please contact the library to borrow this book.



[Water rescue principles and practice to NFPA 1006 and 1670 : surface, swiftwater, dive, ice, surf, and flood \(Book\)](#)

Based on the 2017 Editions of NFPA 1006: Standard for Technical Rescue Personnel Professional Qualifications and NFPA 1670:

Standard on Operations and Training for Technical Search and Rescue Incidents, this single textbook is a complete resource for water rescue personnel and their organizations. All six sub-disciplines are broken down into Awareness, Operations and Technician level chapters.

Please contact the library to borrow this book.

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

LEADERSHIP AND MANAGEMENT



[Leading in hyper-complexity : a practical guide for leaders \(eBook\)](#)

Today's leaders and managers have to operate in an environment characterised by complexity. What does coping with this ever- and faster-increasing degree of complexity

require of them? This book includes ten in-depth interviews with top managers from different who describe in very practical terms their personal and professional struggles with complexity.

FIRE MANAGEMENT

Managing Fire and Biodiversity in the Wildland-Urban Interface: A Role for Green Firebreaks (Journal article) *Fire, Vol 1, no 1 2018*

One potential tool in the wildland-urban interface to protect life and property from destructive fires, while also conserving biodiversity, is the use of green firebreaks: strips of low flammability species planted at strategic locations to help reduce fire spread by slowing or stopping the fire front, extinguishing embers or blocking radiant heat. If comprised of native species, green firebreaks also have biodiversity benefits. However, despite this widespread endorsement, there has been little empirical testing of green firebreak.
Please contact the library to request a copy of this article.

COMMUNITY ENGAGEMENT

Would you adhere to a mandatory wildfire evacuation? There are reasons some prefer to stay (Online news) *Science Daily, 7 February 2018*

A new study provides insight as to why some individuals do not follow evacuation orders when presented with the risk of wildfires. How can officials effectively communicate with these varied publics to ensure public safety?
Use this [ScienceDaily link](#) to read the news article online. Would like to read more...this news article relates to the journal article "Should I stay or should I go now" as cited below.

Should I stay or should I go now? Or should I wait and see? Influences on wildfire evacuation decisions (Journal article) *Risk Analysis, 2017*

Interest in understanding wildfire evacuation decision processes has increased over the years. Individuals who tend to wait and see are of particular concern given the dangers of late evacuation. To understand what factors might influence different decisions, the authors surveyed homeowners in three areas in the United States that recently experienced a wildfire.
Please contact the library to request a copy of this article

COMMUNITY RESILIENCE

This [title link](#) allows NSW RFS Staff to open the eBook directly when at work. Volunteers and for those wishing to use the eBooks at home, please [contact the library](#) for a password-embedded link.

MENTAL HEALTH

Are you emotionally intelligent, or just emotional? (Journal article)

Gillian Andrews, Fire Australia, Issue 1, 2018

Emotional intelligence is essential for building employee engagement and is a prerequisite for innovation and collaboration in fire protection and emergency services.
Please contact the library to request a copy of this article

Risk and protective factors for the course of post-traumatic stress disorder in frontline workers after the Christchurch, New Zealand earthquake (Journal article) *Disaster Prevention and Management: An International Journal, February 2018*

The purpose of this paper is to describe risk and protective factors for symptoms of post-traumatic stress disorder (PTSD) experienced over a 1.5 year period among both frontline and "non-traditional" responders to the 2010 and 2011 earthquakes in Christchurch, New Zealand.
Please contact the library to request a copy of this article
NSW RFS Staff may use this [Emerald link](#) to access the article at work.

HEALTH AND SAFETY



Good health (eMagazine)

The latest issue of Good Health is now available online. This month's edition looks at handling conflict, foot pain therapies, easy summertime recipes, toning exercise for the time-poor and the importance of developing empathy.

Please [contact the library](#) for a password-embedded link for reading our eMagazine collection anywhere you are online.

Sleep in wildland firefighters: what do we know and why does it matter? (Journal article)

International Journal of Wildland Fire, Vol 27(2), 2018
Grace E. Vincent, Brad Aisbett, Alexander Wolkow, Sarah M. Jay, Nicola D. Ridgers and Sally A. Ferguson

Shaping and Sharing Responsibility: Social Memory and Social Learning in the Australian Rural Bushfire Landscape (*Journal article*)

Society and Natural Resources, January 2018

This paper addresses social learning and social memory in a landscape that has experienced repeat bushfires between 2006 and 2013. It examines the relationships between memory, learning and practice among a farming community in western Victoria and government agencies with bushfire management responsibility.

Please contact the library to request a copy of this article



Preparing for the dragon (*Journal article*)
Crisis Response Journal, Vol 13 no 2, 2018

Allan Jones asks whether public attitudes to preparedness have changed, influenced by fear that is heightened by media and social media coverage

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A framework for disaster resilience education with homeless communities (*Journal article*)

Disaster Prevention and Management: An International Journal, 2018

There is limited disaster risk and response information and education specific to the needs of people experiencing homelessness. This Australian paper based its research on a survey with 163 homeless service providers together with 45 interviews with people with a lived experience of homelessness, homeless service providers and emergency services.

Please contact the library to request a copy of this article

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



Children and disaster resilience (*Journal article*)

Crisis Response Journal, Vol 13 no 2, 2018

It is vital to talk more about emergency response and resilience with children, who are one of the most under-represented voices in resilience and emergency planning, according to Laurie Gale and Kelsey Smith.

Please contact the library to request a copy of this article

[Disaster resilience of education systems : experiences from Japan](#) (*Book*)

Rajib Shaw, 2016

Mainstreaming Disaster Risk Reduction (DRR) in the education sector is one of the important efforts to enhance resilience in a community. DRR in the education

This paper reviews firefighters' sleep during wildfire operations, the operational and environmental factors that affect sleep, and how sleep affects health and safety. For fire agencies to support firefighting personnel, strategies are needed to improve and manage firefighters' sleep, and reduce any adverse impacts on firefighters' work.

Please contact the library to request a copy of this article



The brain-changing benefits of exercise (*TED Talk*)

Wendy Suzuki, posted March 2018

What's the most transformative thing that you can do for your brain today?

Exercise! says neuroscientist Wendy Suzuki. Get inspired to go to the gym as Suzuki discusses the science of how working out boosts your mood and memory -- and protects your brain against neurodegenerative diseases like Alzheimer's.

To watch this Ted Talk, please use this [link](#).

Where There's Wildfire, There's Smoke (*Journal article*)

The New England Journal of Medicine, January 2018

When catastrophic wildfires either come near or hit populated urban areas, as has recently occurred in both northern and southern California, large numbers of people are exposed to relatively high levels of smoke. Wildfire smoke contains carbon dioxide, water vapour, carbon monoxide, particulate matter, complex hydrocarbons, nitrogen oxides, trace minerals, and several thousand other compounds.

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

LEARNING & DEVELOPMENT



[Becoming a teacher of language and literacy](#) (*Book*)

This book explores what it means to be a literacy educator in the 21st century, covering a range of contemporary topics in language and literacy education, including reading and creating digital texts, supporting intercultural engagement in literacy education, and developing community partnerships.

Please contact the library to borrow this book.

Enhancing Learning in Emergency Services Organisational Work (*Journal Article*)

Australian Journal of Public Administration, 2018

sector not only focuses on provision of disaster education, but also includes securing a safe school environment, developing school disaster management plans, and building the capacity of school teachers and local educational officers. This book reviews the evolution of DRR in the education sector in Japan, including some of the recent developments after the 2011 Great East Japan Earthquake.

Please contact the library to borrow this book.

FIRE BEHAVIOUR

Defining Extreme Wildfire Events: Difficulties, Challenges, and Impacts (Journal article)

Fire, Vol 1, no 1 2018

Every year worldwide some extraordinary wildfires occur. There is a debate about how to address these wildfires with significant social impacts, but there is no agreement upon terminology to describe them. Considering the lack of a consistent "scale of gravity" to leverage extreme wildfire events such as in natural hazards (e.g., tornados, hurricanes and earthquakes) we present a proposal of wildfire classification with seven categories based on measurable fire spread and behaviour parameters and suppression difficulty.

Please contact the library to request a copy of this article

Predicting fire thunderstorms(Journal article)

Rick McRae, Fire Australia, Issue 1, 2018

Cases of stratospheric aerosol injects that have been observed by atmospheric scientists have been unexplained until researchers running weather models backwards deduced that large bushfires in Canada were the source of these. Fire thunderstorms, known as pyroCb for short, have been recorded since - including 56 on record in Australia.

Please contact the library to request a copy of this article

Improving Fire Behaviour Data Obtained from Wildfires (Journal article)

Forests, Vol 9 no 2, 2018

Organisations that manage wildfires are expected to deliver scientifically defensible decisions. However, the limited availability of high quality data restricts the rate at which research can advance. The authors analysed the information routinely collected during fire events across Australia and reviewed research methodologies that may be able to supplement existing data collection.

Please contact the library to request a copy of this article

Interviews were conducted with 18 emergency services practitioners. The findings provide examples of the broad challenges that agencies need to manage to enhance and sustain learning. These include shifting value from action post an event, to reflection, focusing on the bigger picture and allowing enough time to effectively embed new practices after an emergency.

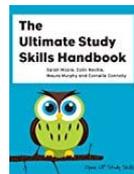
Please contact the library to request a copy of this article



[The successful student : how to develop good study habits](#) (eBook)

This book both encourages and empowers students to develop the ability to think freely and rationally; to organise themselves, their time, and their work; and to approach tests and examinations with confidence. The principles show students how to overcome self-limiting beliefs, mental barriers and other obstacles in order to take control of their studies.

This [title link](#) allows NSW RFS Staff to open the eBook directly when at work. Volunteers and for those wishing to use the eBooks at home, please [contact the library](#) for a password-embedded link.



[The ultimate study skills handbook](#) (Book)

Covering all the core skills you will need to help you make the most of your further studies; this book is your key to success. It provides the techniques, tips and exercises that will help improve your grades, save you time and hone the skills that will make you stand out to prospective employers. Available in both hardcopy and eBook formats.

This [title link](#) allows NSW RFS Staff to open the eBook directly when at work. Volunteers and for those wishing to use the eBooks at home, please [contact the library](#) for a password-embedded link or to borrow the book.

More books to help you study and write are found on our library online list [Study Aids and Writing Guides](#).

GALLIPOLI

If you are attending the 2018 ANZAC Day commemorations at Gallipoli in the Republic of Turkey you may be interested in some further reading. The library has just added these two books for borrowing into the collection.

METEOROLOGY AND CLIMATE CHANGE

Australian Defence response to a changing climate (Online report)

Future Directions International, February 2018

Some developed nations are taking steps to prepare for climate driven, crisis events such as extreme weather disasters and large-scale population displacements. Defence forces are being engaged in this planning, as a function of government that has the capacity to contribute the logistics, communications and labour if and when required. In Australia, the Australian Defence Force (ADF) may need to further consider its existing policies, doctrine, capabilities and resilience to respond to large-scale and prolonged environmental emergency.

Please use this [Future Directions link](#) to read the report online.

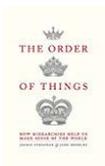
Climate Change, Bushfire Risk, and Environmental Values: Examining a Potential Risk Perception Threshold in Peri-Urban South Australia (Journal article)

Society and Natural Resources, February 2018

The complex relationships between perceptions of climate change and bushfire risks, environmental values and support for actions to mitigate local risks are presented for peri-urban regions in South Australia. A minority of people still do not perceive that climate change is increasing bushfire risk, and are supportive of risk mitigation interventions even at the expense of local biodiversity. However, a larger group believe that climate change is a driver of bushfire risk.

Please contact the library to request a copy of this article

GENERAL



[The Order of Things : How Hierarchies Help Us Make Sense of the World](#) (Book)

An informative book of lists, attractively designed, to fill in the gaps in our grasp of hierarchies of all kinds, from angels to seraphim

and from kitchen boys to chefs de cuisine.

Please contact the library to borrow this book.

Popular Science (eMagazine)

The latest issue of Popular Science is now available online.

This month's edition looks at artificial intelligence, brain training, animal cognition and fake news.



[Gallipoli](#) (Book)

Les Carlyon, 2001

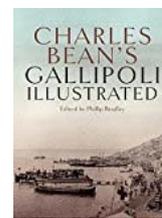
Australian journalist and writer, Les Carlyon, is renowned for his detailed research and brilliant storytelling. Gallipoli remains one of the most poignant battlefronts of the First

World War and Les Carlyon's monumental account of that campaign has been rightfully acclaimed and a massive bestseller in Australia.

Please contact the library to borrow this book.

The author, Les Carlyon, speaks on ABC Conversations podcasts in April 2016 on his account of exploring the lives of Anzacs on the Western Front from 1916-18.

Listen to this podcast at this [ABC link](#).



[Charles Bean's Gallipoli illustrated](#) (Book)

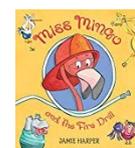
C.E.W. Bean, edited by Phillip Bradley, 2014

Serving as the official Australian war correspondent from the landing to the evacuation, Charles Bean was able to dedicate his days and nights to witnessing

and recording the events that would form the Anzac legend. In writing his diaries, Bean also provided an extraordinary insight into his own emotions - his joys and sorrows, hopes and fears, loves and hates - and those he admired or disdained.

Please contact the library to borrow this book.

CHILDREN'S BOOKS



[Miss Mingo and the fire drill](#) (Book)

A picture book illustrating how all of the animals in class face their fear of danger and practice what their teacher Miss Mingo and the fire fighter Chief Grizzly teach them to do

in a fire drill with excellent results.

Please contact the library to borrow this book.



[Fire safety with Lieutenant Toby](#) (Book)

Complete with colourful illustrations for emphasis, this book is perfect for learning about fire prevention. Reminders, warnings and preventative measures are all presented by the puppy Lieutenant Toby, through the use of engaging rhymes.

Please contact the library to borrow this book.



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How we look kilometres below the Antarctica ice sheet

(TED Talk)

Dustin Schroeder, posted March 2018

Antarctica is a vast and dynamic place,
but radar technologies -- from World

War II-era film to state-of-the-art miniaturized sensors -- are enabling scientists to observe and understand changes beneath the continent's ice in unprecedented detail.

To watch this Ted Talk, please use this [link](#).

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