



New books, articles and reports in your library this month



The 15 – 21st June is Men’s Health Week! Why?

Because “more males die at every stages through the life course, more males have accidents, more males take their own lives and more males suffer from lifestyle-related health conditions than females at the same age”. (Source: https://www.menshealthweek.org.au/)

Learn more about this online at Men’s Health Week, borrow a book from one of our customised collections Health and Fitness Collection and Mental Health and You, and check out the Your Health Matters page on MyRFS

Image: Bush Fire Bulletin, Vol. 14 No. 2, (June, 1992)

FIRE INCIDENTS – AUSTRALIAN

EMERGENCY MANAGEMENT



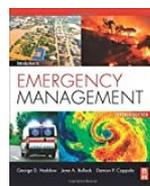
From the Embers Podcast - Stories from the Bushfire Crisis (Podcast) CBAA, April 2020

This Community Broadcasting Association of Australia's documentary series takes listeners to the very heart of nine

communities affected by the recent bushfire crisis. The communities of the Adelaide Hills, Bairnsdale, Braidwood, Cooma, Kangaroo Island, Mallacoota, Mongarlowe, Moruya and Omeo share their stories.

(Thank you to Richard and Majors Creek Brigade for alerting the library to this podcast!)

Use this CBAA link to listen to the podcast series.



Introduction to emergency management (Book) George Haddow, 2021

The seventh edition is now available from the library. This long-trusted resource

provides a broad overview of the key aspects of the emergency management profession. Readers will gain an understanding of why the emergency management profession exists, what actions its professionals and practitioners are tasked with performing, and what achievements are sought through the conduct of these various efforts.

Please contact the library to request a loan of this book



Australian Bushfires Report (Report) Australian Red Cross, May 2020

The Australian Red Cross report covers the period 1 January to 15 April 2020. It presents how the Australian Red Cross continues to provide financial assistance and other

support to communities affected by all bushfires since July 2019.

Use this Australian Red Cross link to download the report.

NSW Fire and the Environment 2019–20 Summary (Report)

Department of Planning, Industry and Environment, May 2020



Background paper: Australian inquiries and reports concerning natural disasters (Briefing paper)

Royal Commission into National Natural Disaster Arrangements, May 2020

The Royal Commission into National Natural Disaster Arrangements has, to date, identified more than 240 formal analyses completed since 1927, resulting in thousands of findings and recommendations.

Use this APO link to download the briefing paper.

The Royal Commission into National Natural Disaster Arrangements website is here.

Disasters expose gaps in emergency services’ social media us (News article)

The Conversation, 1 May 2020



This Summary provides an outline of the biodiversity and landscape data and analyses that can assist governments, businesses and communities to understand the broad environmental effects of the extraordinary fire events of 2019–20.

Use this [DPIE link](#) to read the summary online.

FIRE INCIDENTS – INTERNATIONAL



The latest issue, April – June, of **Wildfire** is online. Published quarterly, this magazine's issue includes articles on When Prescribed Fire Faces a Plague of Pigs, a link to their COVID-19 global survey brief and the social tipping point for fire incidents.

Vol 29, no 2 is available online [here](#).

If you would like to receive an email alert when the latest issue has been published please [contact the library](#).

FIREFIGHTING



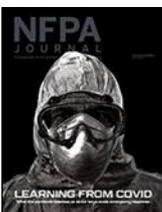
[Engine company fireground operations](#)
(Book)

NPFA, 2021

The US fourth edition emphasises the importance of understanding fire science and behaviour based on the latest

research, providing information on fire science and building construction, the effects of burning modern fuels that result in extreme fire behaviour, and more.

Please contact the library to request a loan of this book



Wildfire and COVID-19 (Article)
National Fire Protection Association Journal, May 2020

A short US article on how the authors imagine the ongoing coronavirus pandemic could impact the next fire season, and what fire and health agencies

need to do to prepare.

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

The NFPA Journal latest issue is available to read [here](#).

The impact of fire and rescue service first responders on participant behaviour during chemical, biological, radiological and nuclear (CBRN)/Hazmat incidents
(Journal article)

International Journal of Emergency Services, published online 29 May 2020

Decontamination following chemical, biological, radiological and nuclear (CBRN)/Hazmat incidents is a critical activity carried out in order to mitigate and contain

The authors studied Australian emergency services' social media use in times of disaster. Social media can provide invaluable and time-critical information to both emergency services and communities at risk. But they also found problems.

Use [The Conversation link](#) to read the article online.

How emergency managers engage Twitter users during disasters (Journal article)

Online Information Review, published online 19 May 2020

Natural disasters are increasingly more frequent and intense, which makes it critical for emergency managers to engage social media users during crises. This study examined emergency official accounts' social media engagement at each disaster stage based on Fink's four-stage model of crisis and disaster: prodromal, acute, chronic and termination stages and linked topics and sentiments to engagement.

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

Vehicle-related flood fatalities in Australia, 2001–2017
(Journal article)

Journal of Flood Risk Management, online 30 April 2020

This study analyses the circumstances of vehicle-related flood fatalities between 2001 and 2017, in Australia. The research identified 96 deaths from 74 incidents during this period. The aim of this analysis is to understand the demographic, spatial and temporal patterns, and the situational conditions in which those (n = 96) deaths have occurred.

Use this [Wiley publisher's link](#) to read the article online.

Creating psychologically safe teams and managing cognitive bias in strategic decision making (Hazard Note No. 73)

BNHCRC, May 2020

Decision making is a skill required for every type of incident and every level of emergency management. This project comprises three studies that examine different elements of strategic decision making: 1) analysis of decisions made during a series of exercises, 2) analysis of decisions made during an international deployment for a disaster and 3) a training course on strategic decision making.

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

LEADERSHIP AND MANAGEMENT

Bushfire investigations in Australia: A case for building collective leadership practices for crises events (Journal article)

Leadership & Organization Development Journal, Vol 41, no 2, 2019

the risk posed by any hazardous materials involved. Human behaviour plays a crucial role in such incidents, as casualties will have little understanding of the situation they find themselves in, leading to uncertainty in what actions to take. This will result in very difficult circumstances within which first responders must operate. *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*

FIRE BEHAVIOUR



The latest issue, March 2020, of **Fire** is online. Published quarterly, this magazine's issue includes articles on the Frequency of Dynamic Fire Behaviours in Australian Forest Environments and US lightning ignitions

Vol 3, no 1 is available online [here](#).

Fire spread and its prediction in wheat crops (Online article)

CSIRO Pyropage Issue 27, May 2020

This issue reports on the findings of a recently published large field-scale experimental investigation of the behaviour and spread of fires burning in wheat crops to evaluate the operational use of the CSIRO grassland fire spread model for such fuels. Three states or condition of the wheat were studied—unharvested, harvested, and harvested and baled in over 50 experiments.

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

Understanding post-fire fuel dynamics using burnt permanent forest plots (Report)

BNHCRC, May 2020

The flammability of tall wet eucalypt forests is poorly understood as they are rarely available to burn, and almost no data exists on flammability and fire behaviour.

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

Fire spread prediction across fuel types: annual report 2018-19 (Report)

BNHCRC, May 2020

The prediction of the rate of spread and intensity of bushfires is crucial for emergency and disaster management organisations. The authors' aim is to refine these non-physics-based operational tools so that they can predict fire behaviour under a wide range of localised topographic and weather conditions, and also that they are able to account for a range of inhomogeneity, slope, and thermal instability within vegetation and over the terrain.

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

The purpose of this paper is to examine the process of collective leadership in emergency management organisations. More specifically, the authors investigate the conditions that enable or prevent collective leadership amongst key actors in the emergency management network in bushfire investigations. We also examine how chief investigators facilitate the conditions to effectively distribute leadership and the role of social networks within this process.

Please contact the library to request a copy of this article

Destructive leadership in crisis management (Journal article)

Leadership & Organization Development Journal, online May 2020

The purpose of this paper is to contribute to increased knowledge of destructive leadership in crisis management. The specific research questions are: (1) What types of destructive leadership behaviours can be identified in leaders in crisis management? and (2) Why are these behaviours considered destructive in this context?

Please contact the library to request a copy of this article



[HBR's 10 must reads : on design thinking](#) (Book)

Harvard Business Review, 2020

Use design thinking for competitive advantage. The editor has combed through hundreds of Harvard Business Review articles

and selected the most important ones to help you use design thinking to produce breakthrough innovations and transform your organisation.

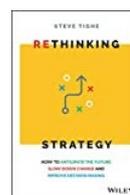
Please contact the library to request a loan of this book

Working from home in the COVID-19 lockdown (Briefing paper)

Bankwest Curtin Economics Centre, May 2020

This briefing paper reviews research on working from home and how it affects workers and families to offer some insights on the potential benefits and pitfalls of this COVID-19 induced shift in working patterns.

Use this [BCEC link](#) to read the paper online.



[Rethinking strategy : how to anticipate the future, slow down change, and improve decision making](#) (Book)

Steve Tighe, 2019

In this ground-breaking book, using detailed case studies and practical tools author and strategist Steve Tighe helps you use scenarios to envisage what your industry and organisation could look like in the future and prepare for what's to come.

Please contact the library to request a loan of this book

FIRE MANAGEMENT

Australia, you have unfinished business. It's time to let our 'fire people' care for this land (*News article*)

The Conversation, 28 May 2020

"Incorporating Aboriginal knowledge is essential to tackling future bushfire crises. But it risks perpetuating historical injustices, by appropriating Aboriginal knowledge without recognition or compensation. So while the bushfire threat demands urgent action, we must also take care."

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

NATURAL ENVIRONMENT

Flames in the Rainforests : bushfire impacts and restoration in NSW (*Webinar*)

Nature Conservation Council NSW, June 2020

Dr Ross Peacock (our staff member), Dailan Pugh and Dr Tein McDonald, gave a presentation this week to the NCC Bushfire Program webinar, Flames in the Rainforests. This presentation discussed research through Macquarie University and the implications of the 2019/20 fire season on northern NSW rainforests.

The live webinar can be viewed here

<https://vimeo.com/425396794>



[Field guide to useful native plants from temperate Australia](#) (*Book*)

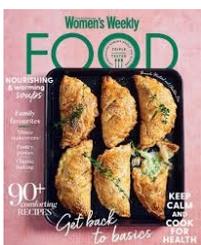
Judith Caton, 2016

A valuable contribution to the knowledge of the native plants of south-eastern Australia, with more than 600 colour photos and

drawings for ease of identification, as well as maps of local and Australia-wide distributions. Information on a wide range of uses for native plants as food, fibre and medicines, including notes on preparation.

Please contact the library to request a loan of this book

CATERING



Food is that latest addition to our eMagazine collection.

This is a monthly publication that covers beginner cooks to passionate foodies, with over 80 delicious and seasonal recipes each issue all triple-tested in The Australian Women's Weekly Test Kitchen.

Please [contact the library](#) for a password-embedded link to our eMagazine collection.

COMMUNITY ENGAGEMENT

Social Media: Why YouTube Takes Priority. (*US magazine article*)

Fire Engineering, May 2020

The US article discusses that the Public Information Office's tool compartment is brimming with social media platforms that can use to increase community outreach, education, and recruitment, and YouTube has become their set of irons; and mentions that most of the breaking real-time news coverage we provide on Twitter will end up in the vlog later.

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 emergency reaction questionnaire – First steps towards a new method (*Journal article*)

International Journal of Disaster Risk Reduction, Vol 49, Oct 2020

The Emergency Reaction Questionnaire (ERQ), is proposed for predicting one's reaction and behaviour in an emergency. First, a large item pool was created based on interviews with people facing emergencies on a weekly basis and related literature. The factor structure, reliability and validity were assessed on a large sample of lay people and specific groups of firefighters and people doing extreme sports.

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

COMMUNITY RESILIENCE



Social justice and the future of fire insurance in Australia (*Report*)

University of New South Wales, May 2020

Major bushfires are now occurring with increased frequency. This means that houses

will be more at risk than ever and Australia will have to decide whether the current purely market-based mechanism is the best means of protecting people's homes. The report proposes the adoption of an alternative insurance model which will ensure housing security for future generations.

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

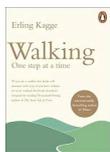


Land use planning for disaster resilient communities (*Handbook*)

AIDR, May 2020

Land-use planning that considers natural hazard risk is the single most important mitigation measure in minimising the increase in future disaster losses in areas of new development. The handbook focuses on land use planning

HEALTH AND SAFETY



[Walking : one step at a time](#) (Book)

Erling Kagge, 2019

From those perilous first steps to great expeditions, from walking to work to walking to the North Pole, Erling Kagge explains that he who walks lives longer, and better. 'After having put my shoes on and let my thoughts wander, I am sure of one thing - to put one foot in front of the other is one of the most important things we do.

Please contact the library to request a loan of this book

A burning issue: Volatile organic compounds from bushfire (Magazine article)

Chemistry in Australia, 1 May 2020

The article focuses on the bushfires across south-eastern Australia has focused national and international attention on the harm they cause to living things and the environment. Topics include the smoke from bushfires being one of the major biogenic sources of air pollutants in Australia, the major pollutants in smoke being fine particulate matter, volatile organic compounds (VOCs) and oxides of nitrogen.

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

MENTAL HEALTH & INCIDENT STRESS

Facilitators and barriers to developing firefighter resilience (Journal article)

Disaster Prevention and Management, published online 4 May 2020

Developing resilience is vital for firefighters and other practitioners exposed to trauma as part of their day-to-day work in maintaining physical and mental resilience. However, further understanding of what factors facilitate and hinder the development of firefighter resilience and why is needed. The current study evaluates efficacy of support mechanisms currently in place and develops an evidence base for interventions to support development of firefighter resilience.

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

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

for new development and its role in supporting disaster-resilient communities.

Use this [AIDR link](#) to access the handbook online.

The architecture of resilience in rural towns (Journal article)

International Journal of Architectural Research, Vol 14 no 2, 2019

Whilst resilience has been a critical academic topic and worldwide issue for many decades, the role of architecture in contributing to community resilience against climate change has been overlooked. Therefore, the purpose of this paper is to shed light on what is the current state of the art of community resilience in rural towns and what type of architectural strategies has been recognised for facilitating resilience.

Please contact the library to request a copy of this article

LEARNING AND DEVELOPMENT

Training: A Method of Risk Reduction in the Volunteer Fire Service. (US magazine article)

Fire Engineering. May 2020

The article offers information about multiple risk management systems, and community risk programs. It mentions that to be effective, training needs to be punctual, safe, applicable, consistent with accepted practices, and as realistic as possible without compromising safety; and also mentions that training and repeated training build proficiency and skills.

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

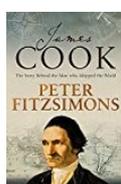
NSW RFS Staff may use this [EBSCO link](#) to access the article at work



[TD: Talent Development](#), a monthly published US magazine, covers the training and development industry's best practices, emerging technologies, and trends. Articles of interest from each issue can then be requested from the library.

If you would like to receive an email alert when the latest issue has been published please [contact the library](#).

HISTORY



[James Cook : the story behind the man who mapped the world](#) (Book)

Peter FitzSimons, 2019

The name Captain James Cook is one of the most recognisable in Australian history - an almost mythic figure who is often discussed, celebrated, reviled and debated. Peter FitzSimons brings

BUILDING

The bushfires in Australia and housing (*Magazine article*)
Housing Finance International, Spring 2020

The article examines the implications of the fires for housing. First the context is presented. I then examine the question of rebuilding the housing destroyed or badly damaged. Next, I map out the impact of the fires on the housing market. This is followed by a brief analysis of the situation of tenants and it concludes with a review of the government's response.

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

James Cook to life, focusing on his most iconic expedition, the voyage of the Endeavour, where Cook first set foot on Australian and New Zealand soil, FitzSimons also contrasts Cook against Joseph Banks, the aristocratic botanist.

Please contact the library to request a loan of this book



[Pioneer women of the bush and outback](#)
(Book)

Jennifer Isaacs, 2019

This book is a fascinating insight into the daily lives of women from a variety of backgrounds including Aboriginal and Torres Strait Islanders, English, Irish, Scottish, Welsh, Chinese, Indian and German woman. It shows how women set up and ran their remote bush homes and the work they did outside the home shearing, droving, managing properties, teaching and governessing.

Please contact the library to request a loan of this book

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

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