New books, articles and reports in your library this month

Endurance and the great white silence
For the first time ever, an exhibition combining the Antarctica photographs of Frank Hurley, Herbert Ponting and Captain Scott is on display.
Presented by the Royal Geographical Society in London, one can view the virtual tour of the exhibition online here and download the catalogue here.

Experience more armchair adventures this autumn...choose a book to borrow from your library collection Adventurers, Explorers and Voyagers

Image: Captain Scott. 1911. Camp on the Ferrar Glacier: Mt Sister, the Overflow Glacier, the Royal Society Range, Descent Glacier and Cathedral Rocks, Spring Journey sequence. September 1911

FIRE INCIDENTS – AUSTRALIAN

Fire, flood and plague: Australian writers respond to 2020 (Book)
Edited by Sophie Cunningham, 2021
This anthology brings together original work from a diverse collection of Australian voices, from writers to scientists, journalists to historians, all expressing what 2020 meant to them. The collection includes original pieces from Lenore Taylor, Nyadol Nuon, Christos Tsiolkas, Brenda Walker, Jane Rawson, Richard McGregor, John Birmingham, Tim Flannery and many more.
Please contact the library to request a loan of this book

Australian Seasonal Bushfire Outlook: March - May 2021 (Hazard Note)
BNHCRC, 25 February 2021
The influence of La Niña on Australia’s climate has had a pronounced effect on fire

EMERGENCY MANAGEMENT

Australian Journal of Emergency Management – January 2021 issue is out and available online. Read a selection of articles about recent changes to warnings and forecasting systems that are improving risk reduction and community engagement research after fires

Use this AIDR link to read the issue online

Maitland speaks: the experience of floods (Book)
By Chas Keys, 2020
This book examines the relationship between floods and the Hunter Valley community of Maitland, New South Wales. The book is both a flood history of Maitland and also delves into science, community psychology, sociology, urban planning, local politics, emergency management and local literature and art. It seeks to
potential. More rain than usual in many locations over summer has helped to reduce the fire risk. The Australian Seasonal Bushfire Outlook is produced quarterly to be used by fire authorities to make strategic decisions for year-round fire management.

Use this BNHCRC link to read the hazard note online.

Continent aflame: responses to an Australian catastrophe (Book)
Edited by Pat Anderson, et.al, 2020
Scientists, artists, doctors, ecologists, writers and many others are "aflame", in despair, anger and hope regarding the unprecedented scale of the disaster of the 2019/20 bushfires. Their responses are gathered here in this book, contributors include Bruce Pascoe, Susan Norrie, Bill Gammage, Alexis Wright, Ross Gittins, Freya Matthews, Philippa Rothfield, Arnold Zable, Ian Kerridge, Kate Judith, and many more.

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

Smokescreen: the rhetoric and reality of federal bushfire recovery funding (Report)
Per Capita, 23 February 2021
This report from the independent think tank, Per Capita, examines the allocation and distribution of federal funds from 1 January 2020 to 31 December 2020, following the bushfire crisis of 2019-2020. According to their research, while large pledges were made to support families and businesses, much of the funding appears to be unspent, or seems to have been allocated based on political motivation rather than need.

Use this link to read the report online.

FIRE INCIDENTS – INTERNATIONAL

Colorado Wildfires 2020 Webinar Series (Webinar)
Presented by the Warner College of Natural Resources at Colorado State University, The Southern Rockies Fire Science Network and the Forest Stewards Guild, this is an ongoing webinar series with a varied host of experts talking on topics that cover wildfire history, policy, fire ecology and behaviour, climate change, and long-term outlooks.
The videos are posted weekly, use this YouTube link to watch them online.

A Case Study of the Camp Fire – Fire Progression Timeline (Report)
US National Institute of Standards and Technology, February 2021

LEADERSHIP AND MANAGEMENT

Harvard Business Review – promoted as the world’s most influential management magazine, it offers new ideas and classic advice on strategy, innovation and leadership. Would you like to receive an email alerting you to the latest issue of the HBR with links to the articles. Your library can add you to the bimonthly email alert for when the latest issue is published. Contact the library to be added to the HBR email alert.

Five things we learned about crisis leadership during Covid-19 (Online article collection)
ANZSOG, 2020
Most public sector leaders had experienced nothing like the COVID-19 pandemic before 2020. The fast-changing
This report contains a comprehensive timeline detailing the progression of the Californian 2018 Camp Fire. This fire became the deadliest and costliest fire in Californian history. It also offers a detailed look at how a large and deadly fire advances — information that will become increasingly valuable as fire seasons continue to intensify. 

Use this NIST link to read the report online. The NIST news article discussing the report can be read online here.

U.S. Geological Survey, February 2021
The USGS employs more than 100 scientists whose research focuses on fire-related topics, including using high-resolution remote sensing to characterise vegetative fuel loads; applying the latest satellite technology to detect fires and map wildfire perimeters; evaluating best practices to reduce wildfire risks; and assessing post-wildfire flooding and debris-flow hazards. They have released this plan to lay out the critical needs for wildfire research over the next five years. 

Use this USGS link to read the strategic plan report online.

Outthink Wildfire (Journal article)
NFPA Journal, Spring 2021
A bold new plan from NFPA calls for ending the destruction of communities by wildfire in 30 years. The effort is based on five steps that must occur at all levels of government that will make it easier for communities to foster collaboration, enact change, achieve resilience, and protect themselves from wildfire.

Use this NFPA link to read the article online
Listen to NFPA CEO and President Jim Pauley discuss the Outthink Wildfire plan on this podcast. 
The NFPA Journal Spring 2021 issue is now available online here.

BUSHFIRE MODELLING - SPARK

Bushfire prediction tech to bolster emergency response efforts (News article)
AFAC, 4 February 2021
Australia will develop a nationally consistent bushfire modelling and prediction capability under an agreement announced today between CSIRO, Australia’s national science agency, and AFAC, the National Council for Fire and Emergency Services. The partnership involves the development of Spark Operational, a cutting-edge bushfire simulation tool based on CSIRO’s ‘Spark’ fire prediction platform.

Use this AFAC link to read their news article online.

Curb the Pandemic-Driven Exodus of Working Women (Journal article)
TD: Talent Development February 2021
Prior to the pandemic, women made up a little more than half of the US workforce, and representation of women in senior roles had been experiencing slow but steady progress. The author notes that it’s important for employers to pay attention when women exit the workforce because not only do families lose, businesses lose.

Contact the library to request a copy of the article or staff may use this EBSCO link to read the article online.

Are You Really Listening? (Magazine article)
Harvard Business Review, Mar/Apr 2021
Senior leaders generally have access to more lines of communication than anybody else, but the information that flows to them is suspect and compromised. Warning signals are tamped down. Key facts are omitted. Data sets are given a positive spin. All of it isolates leaders in a dangerous information bubble.

Contact the library to request a copy of the article or staff may use this EBSCO link to read the article online.

Emotional intelligence for leaders, lawyers & HR professionals (Podcast)
HR Breakfast Club, December 2020
Emotional Intelligence has been discussed amongst psychologists and researchers for decades. It is a set of skills that can be practiced and improved upon, as opposed to being an inherent or inherited trait. In this episode, we discuss what emotional intelligence is, why it’s important and how to get more of it.

Use this HR Breakfast Club link to listen to the podcast.

TRAINING AND PROFESSIONAL DEVELOPMENT

Learners are made, not born (Journal article)
TD: Talent Development February 2021
The ever-expanding area of what makes a learner is providing practical ways for L&D professionals to build employees’ learning skills. To make learners and to reap the benefits of everyone becoming a better learner, offer a variety of ways for employees to learn better through daily informal activities. Better learning, better results
New tech builds momentum towards nationally consistent bushfire maps *(Broadcast : 9 mins)*
*On Drive – ABC, 8 February 2021*
CSIRO senior principal research scientist Dr Mahesh Prakash tells Anna Vidot about the Spark tool they are developing, to predict and map fire spread, and to do that consistently, nationally, regardless of borders.
*Use this [ABC link](https://www.abc.net.au) to listen online*

**FIRE BEHAVIOUR**

Climate change and fire suppression *(ScienceDaily news article)*
*University of California, 17 February 2021*
The unprecedented and deadly blazes that engulfed the American West in 2020 attest to the increasing number, size and severity of wildfires in the region. And while scientists predict the climate crisis will exacerbate this situation, there’s still much discussion around its contributing factors.
*Use this [ScienceDaily link](https://www.sciencedaily.com) to read the article online.*

**FIRE WEATHER**

Studying the Wild Weather of Wildfires *(Magazine article)*
*Fire Engineering, February 2021*
Two wildfire science vehicles, one equipped with radar and one with light detection and ranging (LiDAR) from San Jose State University (SJSU), are studying wildfires to better understand their behaviour, science, dynamics, and effects on the atmosphere.
*Contact the library to request a copy of the article or staff may use this [EBSCO link](https://www.ebscohost.com) to read the article online.*

Characterizing Spatial and Temporal Variability of Lightning Activity Associated with Wildfire over Tasmania, Australia *(Journal article)*
*Fire, March 2021*
Lightning strikes are pervasive, however, their distributions vary both spatially and in time, resulting in a complex pattern of lightning-ignited wildfires. Over the last decades, lightning-ignited wildfires have become an increasing threat in south-east Australia In this study, the authors investigate spatial and seasonal patterns in cloud-to-ground lightning strikes in Tasmania using data from GPATS.
*Use this [MDPI link](https://www.mdpi.com) to read the article online.*

**MENTAL HEALTH & INCIDENT STRESS**

The reality slap: how to survive and thrive when life hits hard *(Book)*
*By Russ Harris, 2020*
The new updated edition ... A 'reality slap' can take many forms, from the death of a loved one to the loss of a job, loneliness to rejection. And whatever form it takes, it hurts! With constructive methods based on real-world research, this guide gives you the tools to rebuild your life and thrive after serious setbacks.
*Please contact the library to request a loan of this book*

The 2019-20 bushfires and COVID-19: The ongoing impact on the mental health of people living in rural and farming communities *(Journal editorial article)*
*International Journal of Mental Health Nursing, Feb 2021*
The bushfires had a particularly devastating impact on rural agricultural-based communities; in addition to the impact experienced by other bushfire-affected individuals in Australia, rural communities have lost farms which represent years of family income, livestock, and buildings essential to run farms effectively. The challenge is to come up with a sustainable path for recovery to support and provide mental health aid to community members.
*Use this [Wiley Publishing link](https://www.wiley.com) to read the editorial online.*

Anger Dimensions and Mental Health Following a Disaster: Distribution and Implications After a Major Bushfire. *(Journal article)*
*Journal of Traumatic Stress, Vol 34, Feb 2021*
Anger is an important dimension of affect and a prominent feature of posttraumatic mental health, but it is commonly overlooked in post disaster settings. The authors aimed to examine the distribution and implications of significant anger problems in the aftermath of a natural disaster, via analyses of Beyond Bushfires survey data from 736 residents of rural communities 5 years after the 2009 Black Saturday bushfires.
*Please contact the library to request a copy of this article.*

Books on this topic are found in our library’s Mental Health and You collection

**NATURAL ENVIRONMENT**
**FIRE MANAGEMENT**

**Persuasion without policies: The work of reviving Indigenous peoples’ fire management in southern Australia (Journal article)**  
*Geoforum, Vol 120, February 2021*  
This paper focuses on southern Australia where Indigenous peoples’ fire management, often termed ‘cultural burning’, has been facilitated by an Indigenous-led social movement and growing state support. We draw on interviews conducted with Aboriginal and white land and hazard management practitioners actively engaged in intercultural fire management collaborations largely occurring on public lands.  
*Please contact the library to request a copy of this article.*

**Indigenous expertise is reducing bushfires in northern Australia. It’s time to consider similar approaches for other disasters (News article)**  
*The Conversation, 25 February 2021*  
A team at the Charles Darwin University’s Darwin Centre for Bushfire Research has been working with Indigenous land managers, conservation, research and government organisations in northern Australia for the last 25 years to find more effective ways to manage wildfires. These collaborations have led to a new approach, blending modern scientific knowledge with traditional Indigenous land management practices to reduce bushfire risk.  
*Use The Conversation link to read the article online.*

**Ecology of fire-dependent ecosystems: wildland fire science, policy, and management (Book)**  
*By Devan McGranahan, 2020*  
This textbook in fire ecology and wildland fire management instructs how to design and conduct robust wildland fire research projects and critically interpret and apply fire science in any management, education, or policy situation. It emphasises variability in wildland fire as an ecological regime and provides tools for students, researchers and managers to assess and connect fire environment and fire behaviour to fire effects.  
*Please contact the library to request a loan of this book*

**FIRE EVACUATION**

**The Wait and See Literature: A Rapid Systematic Review (Journal article)**  
*Fire, Vol 4, March 2021*  
Delaying protective action decision making in wildfire is inconsistent with fire authorities’ advice and is associated

**Post-fire recruitment and resprouting of a threatened montane eucalypt (Journal article)**  
*Australian Journal of Botany, Vol 69 no 1, 2021*  
With increasing area burnt there is increased potential for entire species distributions to be burnt in a single fire event. This is particularly the case for range-restricted threatened species. Eucalyptus canobolensis is restricted to Mount Canobolas, New South Wales, Australia. In 2018, the majority of the E. canobolensis population was burnt by wildfire.  
*Contact the library to request a copy of the article or staff may use this EBSCO link to read the article online.*

**Implications of the 2019–2020 megafires for the biogeography and conservation of Australian vegetation (Journal article)**  
*Nature Communications, 15 February 2021*  
Australia’s 2019–2020 ‘Black Summer’ bushfires burnt more than 8 million hectares of vegetation across the south-east of the continent, an event unprecedented in the last 200 years. Here we report the impacts of these fires on vascular plant species and communities.  
*Use this Nature link to read the article online.*

**Quantifying the impacts of bushfire on populations of wild koalas (Phascolarctos cinereus): Insights from the 2019/20 fire season (Journal article)**  
*Ecological Management & Restoration Vol 22, Jan 2021*  
The impact of bushfire events on wild Koala is poorly understood. Following the 2019/2020 bushfire season in eastern Australia, the authors resurveyed 123 field sites for which contemporaneous (current koala generation) pre-fire survey data was available.  
*Use this Wiley link to read the article online.*

**COMMUNITY RESILIENCE**

**Unwelcoming and reluctant to help: bushfire recovery hasn’t considered Aboriginal culture — but things are finally starting to change (News article)**  
*The Conversation, 24 February 2021*  
For Indigenous peoples — whose experiences are shaped by vastly different historical and cultural contexts to non-Indigenous Australians — the lack of understanding or cultural safety demonstrated by government agencies and non-government organisations created additional trauma during the Black Summer bushfires.  
*Use The Conversation link to read the article online.*

**Apocalypse now: Australian bushfires and the future of urban settlements (Journal article)**  
*Urban Sustainability, Issue 2, 2021*  
The apocalyptic Australian bushfires have challenged the way we plan settlements. What is the future for small
with fatalities. A comprehensive understanding of why at-risk residents wait and see whether they will evacuate from a wildfire or remain to shelter or defend can better inform wildfire safety policy and practice. This systematic review reports the findings of 40 papers. Use this MDPI link to read the article online.

**FIRE INVESTIGATION**

*Fire & Arson Investigator Journal - Winter 2021* This issue looks at new technologies to enhance fire scene investigations, time saving tips for when you are on a scene and the results of the Florida Serial Fire Event Study.

Contact the library if you would like to be added to the table of contents email alert for new issues.

**HAZARD REDUCTION AND PRESCRIBED BURNING**

Contrasting prescription burning and wildfires in California Sierra Nevada national parks and adjacent national forests (*Journal article*)

*International Journal of Wildland Fire, online 4 February 2021*

In the Sierra Nevada of California, annual prescription burning began in 1968 in Sequoia–Kings Canyon national parks. It was unique at the time owing to coupling planned prescribed burns with prescribing limited suppression of lightning-ignited fires in remote areas, which were allowed to burn for resource benefits. The history of this program is compared with adjacent USFS national forests.

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

**LAND USE AND MANAGEMENT**

Land clearing in south-eastern Australia: Drivers, policy effects and implications for the future (*Journal article*)

*Land Use Policy, Vol 102 March 2021*

This article summarises 25 years of land clearing trends in south-eastern Australia and assesses the efficacy of policy interventions over that period.

*Use this ScienceDirect link to read the article online.*

**GENERAL**

urban settlements within fire-vulnerable forests and bushland? Could they create a new model for rural settlements with wider lessons for development in big cities? This paper draws together observations of the 2019/20 bushfire size, intensity and destructiveness and links the fires to the global nature of the climate crisis and an earlier case study that accurately predicted the fire impacts in southeast coastal Australia. Use this Nature link to read the article online.

Read The Conversation article “Fires bring home climate-driven urgency of rethinking where we live – and how” about the journal article here.

The "Strings Attached" to Community Difference and Potential Pathways to Fire Adaptiveness in the Wildland Urban Interface (*Journal article*)

*Journal of Forestry, January 2021*

This article identifies specific social characteristics in two wildland urban interface communities that may have significant impacts on the ability of those communities to adapt to wildfire. Results from the two communities studied indicate that differential expressions of trust and independence are two factors in particular that are likely to influence response to wildfire risk.

*Contact the library to request a copy of the article.*

**COMMUNITY ENGAGEMENT**

Black Summer in the Shoalhaven, NSW: what was it like and what could we do better? A resident’s perspective (*Journal article*)

*Public Health Research & Practice, December 2020*

In this perspective paper, the authors describe the terror of being trapped in an isolated village on the NSW South Coast as a catastrophic bushfire approached. In the aftermath of the 2019-20 ‘black summer’. She reflects on factors that could have helped reduce the trauma and stress experienced by residents, both during and in the wake of the bushfire event.

*Use the PHRP link to read the article online.*

**VOLUNTEER MANAGEMENT**

Re-engaging volunteers and COVID-19 (*Report*)

*Volunteer Australia, February 2021*

Volunteers across Australia make a remarkable contribution to their communities. However, last year’s COVID-19 restrictions hit volunteering hard. Volunteering Australia conducted a survey at the end of 2020, asking how the sector was faring. This report outlines the findings.
PC World – March 2021 issue is out and in our online magazine collection. Read the latest coverage & reviews on hardware, software, electronics & gadgets, Galaxy vs iPhone, and how to supercharge your online security.

Contact the library for the password embedded link to access our eMagazines.

The history of libraries from before stone tablets to printed books (Podcast)
Conversations, ABC Originally broadcast August 2016
From the Bodleian, the Folger and the Smithsonian to the fabled libraries of middle earth, libraries are places filled with magic – including your NSW RFS Library. Stuart Kells recently took his family on a world tour of libraries, to explore some of the most fabulous collections of books on the planet.

Use this ABC link to listen to the podcast.

Image: Saint Catherine’s Monastery Library, Egypt – the oldest continually operating library in the world

Use this VA link to read the report online.

CHILDREN’S BUSH FIRE COLLECTION

Bindi (Book)
By Kirli Saunders, 2020
Bindi is a verse novel for mid-upper primary students. Written ‘for those who plant trees’, Bindi explores climate, bushfires, and healing. Written from the point of view of 11-year-old, Bindi and her friends on Gundungurra Country. This beautifully illustrated children’s book won the 2019 Western Australian Premier’s Book Award.

Please contact the library to request a loan of this book

Willy-Willy Wagtail (Book)
By Helen Milroy, 2020
One day there is a terrible bush fire and Willy Wagtail, Gusto (the wind) and Crow get all the Bush Mob to work together to save the community. For the first time, everyone understands each other and Dingo takes charge and leads all the animals to safety. For young primary school children (4 years +)

Please contact the library to request a loan of this book

More books in our children’s bush fire collection can be found listed here

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