

Research Informing Policy

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- 1. The complex nature of policy making and factors influencing decisions
- 2. How to be more strategic and savvy when presenting the evidence base to decision makers
- 3. Anna Maria's top 5 tips on how to use evidence to influence policy







The Shine Dome





School Education Programs









Diversity and Inclusion

- Science in Australia Gender Equity (with ATSE)
- Women in STEM Decadal Plan
- Early- and Mid-Career Researcher Forum

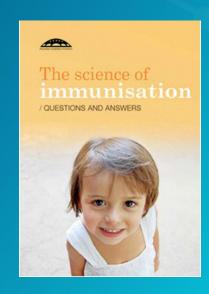






Policy and Advocacy







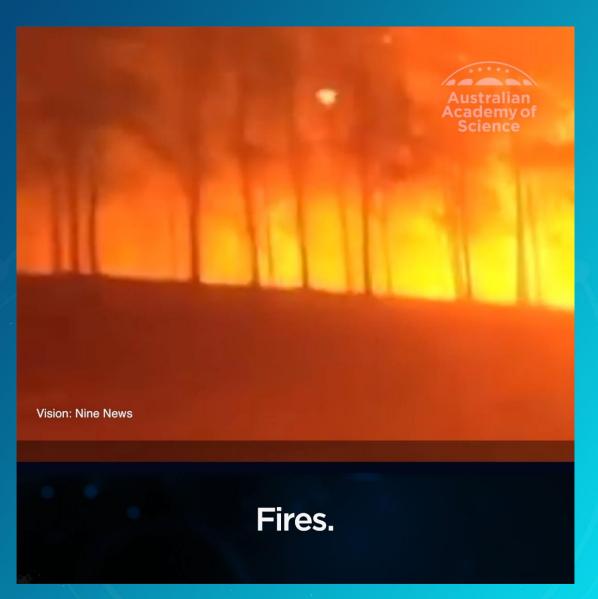




Support for Scientists

- Honorific awards
- Research funding
- Conference support
- Travelling Fellowships and bursaries
- Support for Women and for Aboriginal and Torres Strait Islander researchers



















CONTENT OVERVIEW

In October 2017, Australian Academy of Science launched high-volume, short-form videos for social and mainstream media audiences. These videos satisfy wide audiences and lead them back to quality, evidence based information.

We have over 711,000 Facebook followers – and growing!

















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Australian Academy of science Technology 6 the future Deople 6 medicine control services

How to survive a bushfire

Represents but removal time interesting indervention most how precess
than how have a Laterdam business. The amplitude of people are tilled
warms and in the open, with nearly free quarters of these middle (00) when such the open, with nearly sine quoties of their interviews of the horse. Asked one third of all building decide occurred prevent of their home. Answer one third of all buildfire deaths occurred within a house, and these enough occurred on days with obtaininghis (Load Seal) the conditions. More than 90 per one of these deaths and in recent that did act home a door knoting outside.

the west important string for pumple fixing in health regions around to the

The Australian bush, though it has a reputation for being Australian Academy of Science

1: Fuel to burn

Australian Academy of Science

Technology C the future People & medicine Earth & environment Space & time Everything else

The 4 things a bushfire needs

There's a lot of research happening, trying to figure out how bushfires work and how best to predict them and mitigate their potentially accurate thinking around exact the potentially around exact thinking around exact thinking to bushfires to work and how best to predict them and mitigate their potentially cotostophilo introducts. Current thinking around predicting bushfires is

cotosrophic impacts. Current trinking around predicting bushfres is to sure four 'switches' which all need to be 'turned on' for a fire

The ecological impact of fire

Bushfires are a natural, essential and complex part of the Australian environment and have been for millions of years. Our country's first peoples lived seemingly hand in hand with fire, having developed complex fire management practices that complemented their deep understanding of the country and landscape in which they lived. Some of our ecosystems have evolved to be fire dependent, and require periodic activity of fire.

Since European settlement, many bushfires have been events to be

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Informing policy

There are two things you don't want to see being made — sausages and legislation

- Otto von Bismarck -



"There is nothing a government hates more that to be well-informed; for it makes the process of arriving at decisions much more complicated and difficult"

- J.M. Keynes, 1937 -





B. Head et al./Policy and Society 33 (2014) 89-101

Table 2
Importance attributed by state and federal officials to various means of obtaining research information.

State	Federal
94	93
91	91
88	90
77	75
68	52
63	54
47	64
44	29
43	38
41	24
37	26
33	28
•	91 88 77 68 63 47 44 43 41



Table 4
Levels of agreement with propositions about 'policy-making in your department'.

Strongly agree/agree %	State	Federal
Policy-making is driven by budgetary considerations	83	78*
Policy decisions are based on what is politically acceptable	80	66*
Responding to urgent day-to-day issues takes precedence	75	64"
over "long-term" thinking		
The timeframe to make policy decisions is too short in which	61	54"
to consider all policy options		
My policy-related work increasingly involves working with people	60	54*
across different levels of government or even outside government		
Research-based analysis is valued by decision makers in my organisation	60	68"
The media has too much of an influence over policy-related decisions	60	49*
Policy-making is crisis driven	56	46*
Senior decision-makers are usually generalists who may lack specialised content knowledge	41	35*
Policy decisions are based on research data and evidence about what works	41	39
Policy-making is captured by special interest groups	28	28
There are too many competing interests to consider when making policy-relevant decisions	25	22
There is very little benefit in using research to inform policy-related decisions	20	15*
because Heads of Departments and their advisors just ignore it		

p < 0.05 (Pearson chi-squared test of independence).



- Policy decisions made under time pressure, by people non-experts
- There are always competing priorities
- There are almost always resource constraints
- Uncertainty about the precise nature of the problem and the likely outcomes of the decisions
- Evidence needs to be relevant & timely, and is unlikely to be actively sought out
- Decisions usually result in happy and unhappy voters.





Tips for Influence

- 1. Get involved
- 2. Build relationships
- 3. Communicate clearly and widely



3. Clear communication

- Year 10 equivalent comprehension level
- Avoid technical terms and no acronyms!
- Graphics where possible
- Include key facts and stats
- Clearly state why the information is important and what it means for policy
- Two-pages, or a stand-alone executive summary





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- 1. Get involved
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- 3. Communicate clearly and widely
- 4. Be timely
- 5. Be relevant



Advocating for change

- Collaborating with likeminded organisations alliances work
- Build the case for change define problems AND solutions
- Generate public interest and support
- Enlist champions and third-party supporters,
- Proactively engage with policy makers



