

Climate Change & Local Government

Eastern Alliance for Greenhouse Action

Tim Flannery
Chief Councillor
Climate Council





The Climate Council and our work

An update on what the latest climate science is telling us

The important role that local government can play in combatting climate change



The Climate Council



We've crowd-funded \$969,000
* in a week!

Let's raise
\$1 MILLION

for people-powered science information



 Become a weekly or monthly donor at
climatecouncil.org.au

 It's our  yay!

6 MONTH BIRTHDAY!

Thanks to our founding friends we've already:

Released 9 publications

PUT CLIMATE CHANGE IN THE MEDIA MORE THAN 1,800 TIMES

AND REACHED MILLIONS OF PEOPLE ONLINE WITH CLIMATE CHANGE INFORMATION

THAT'S WHAT WE CALL #PEOPLEPOWER

 [CLIMATECOUNCIL.ORG.AU](https://climatecouncil.org.au) | crowd-funded science information

Key Reports



BE PREPARED:
CLIMATE
CHANGE AND
THE AUSTRALIAN
BUSHFIRE
THREAT



**AUSTRALIA'S
ELECTRICITY
SECTOR:** AGEING,
INEFFICIENT AND
UNPREPARED

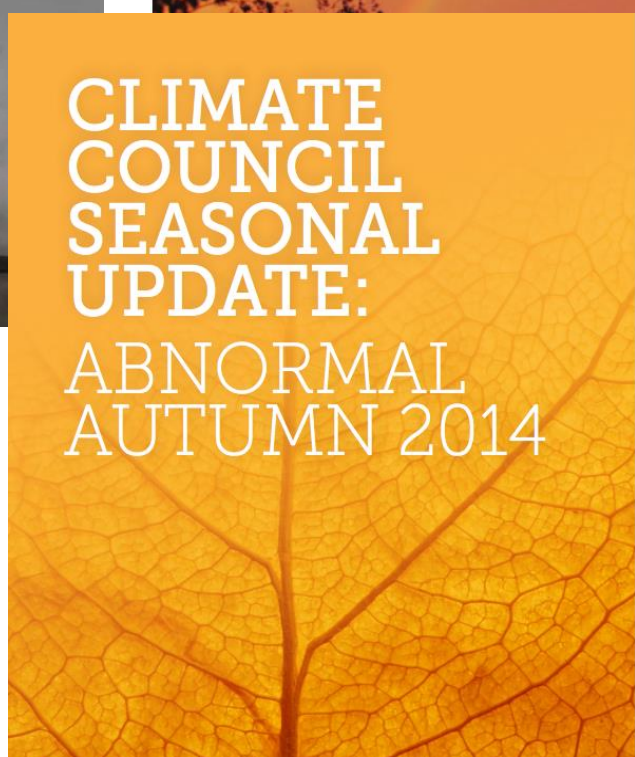


**OFF THE
CHARTS:**
2013 WAS
AUSTRALIA'S
HOTTEST YEAR



**UNPACKING
THE IPCC FIFTH
ASSESSMENT
REPORT:**

IMPACTS, ADAPTATION,
AND VULNERABILITY
(WORKING GROUP II)



**CLIMATE
COUNCIL
SEASONAL
UPDATE:**
ABNORMAL
AUTUMN 2014

Climate Science in the Headlines



THE CONVERSATION

Academic rigour, journalistic flair

Arts + Culture Business + Economy Education

Follow Topics Explainer Flight MH17 Comm

NEWS

LOCATION:

Sydney, NSW

Change



Just In

Australia

World

Business

Sport

Analysis & Opinion

Fact Check

Programs



Email



Facebook



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More

Climate Council records broken
reason

theguardian

A

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World

Sport

Comment

Culture

Business

Environment

Fc

News

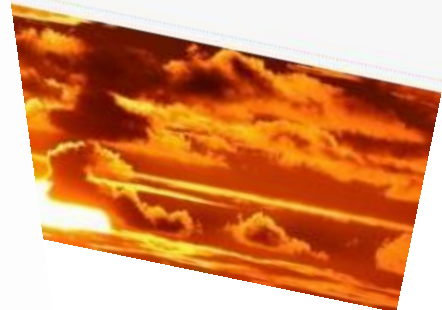
World news

Bushfires

Climate Council finds 'clear link'
between bushfires and climate change

Independent body Coalition axed challenges Tony Abbott's view
that connecting global warming and blazes is 'hogwash'

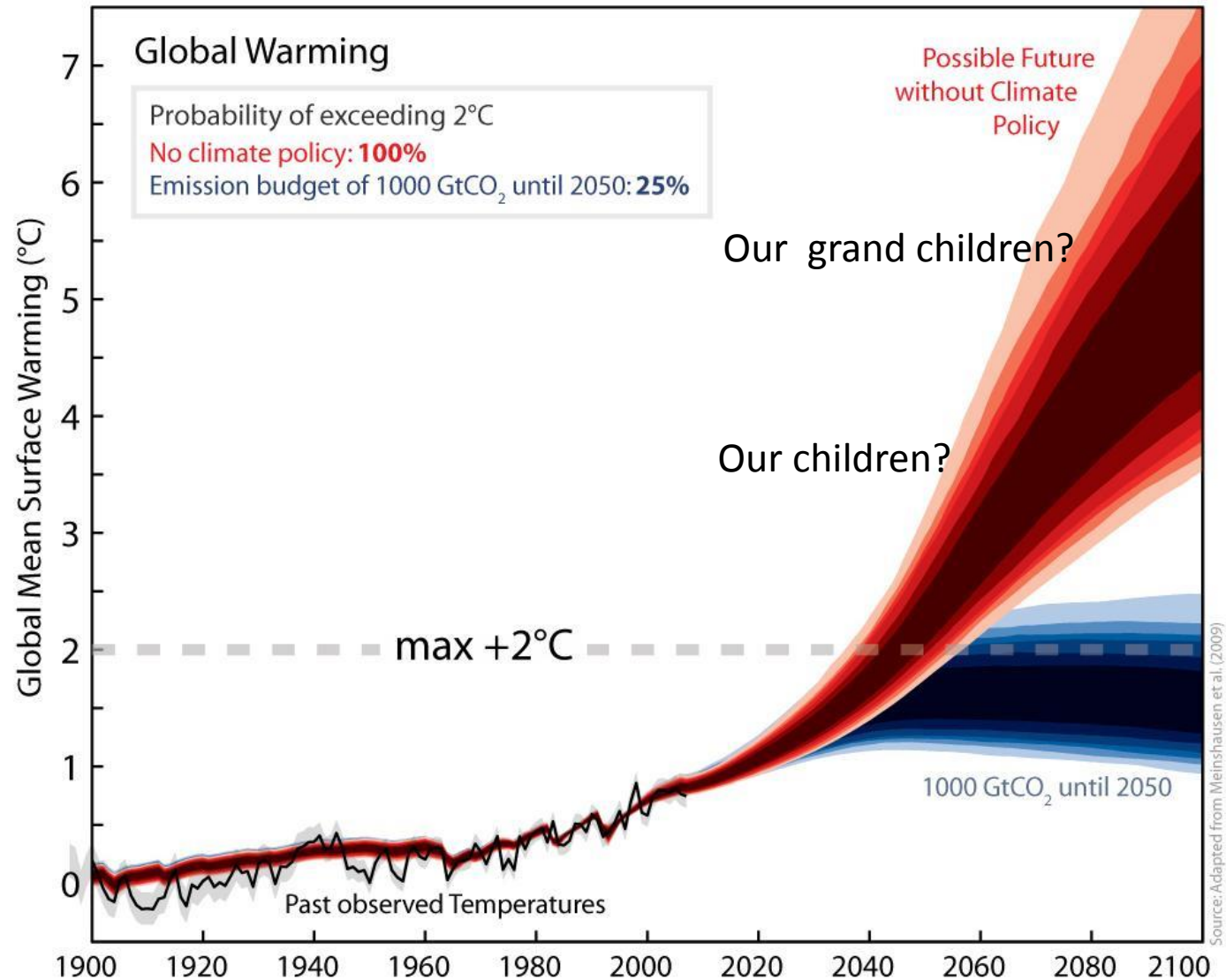
on 150 weather
ate change cited as



Heatwaves are
getting hotter and more frequent



Climate change is happening now

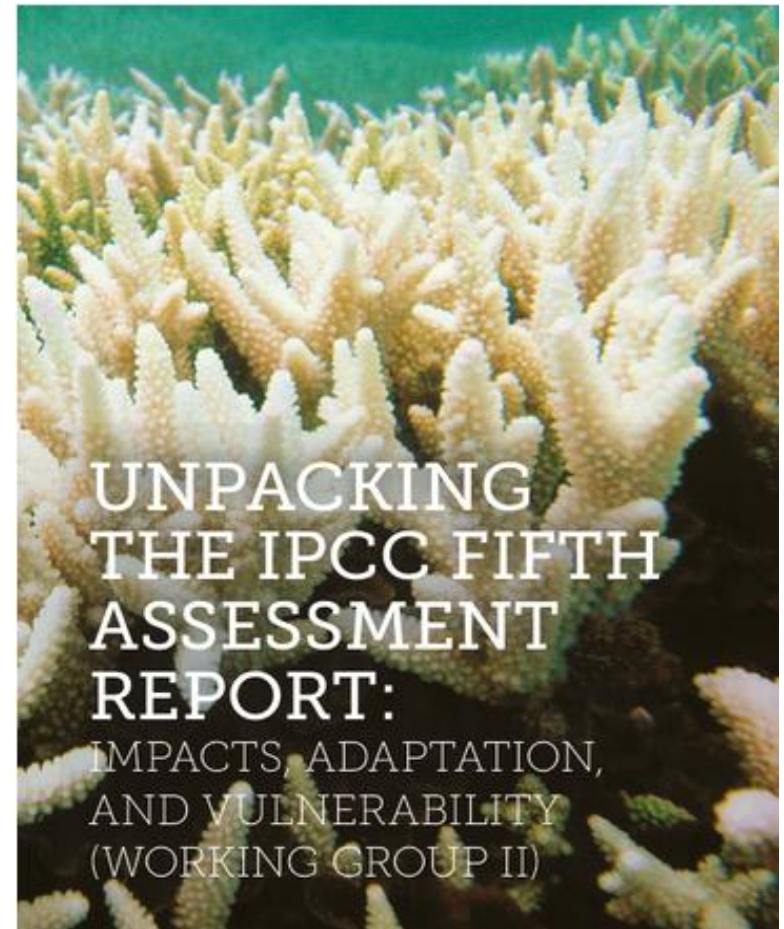


The Latest Climate Science: The IPCC Fifth Assessment Report (AR5 WGII)



Climate Change is occurring
as a result of human
activity

There is more evidence
than ever before that
climate change presents
serious risks to the world



Climate Change Impacts: Australia



Declines in agricultural production



Increased bushfire risk

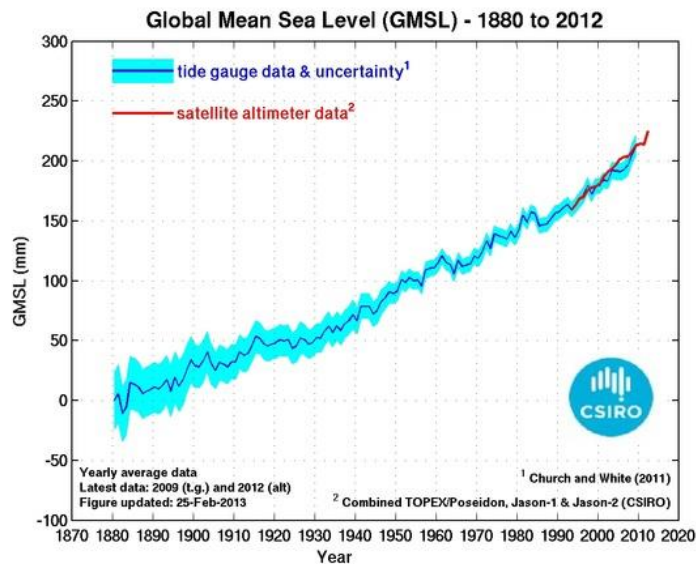


Heatwaves are hotter and longer

Climate Change Impacts: Australia



Increased Frequency of Drought



Sea Level Rise

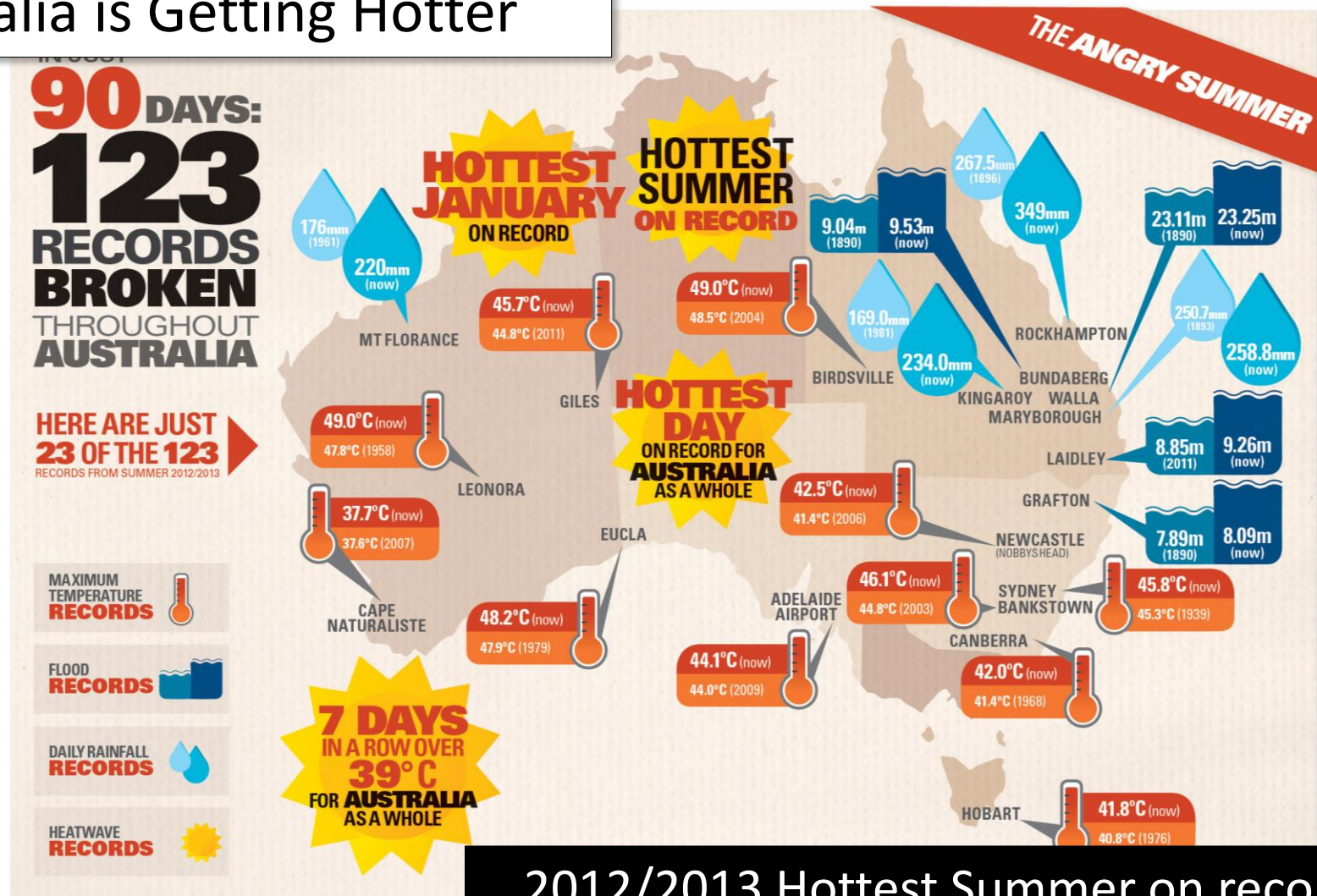


The Latest Climate Science: BoM & CSIRO

State of the Climate 2014



Australia is Getting Hotter



2012/2013 Hottest Summer on record

The Latest Climate Science: BoM & CSIRO

State of the Climate 2014



Our Oceans are
Warming

Extreme Fire Weather
is Increasing

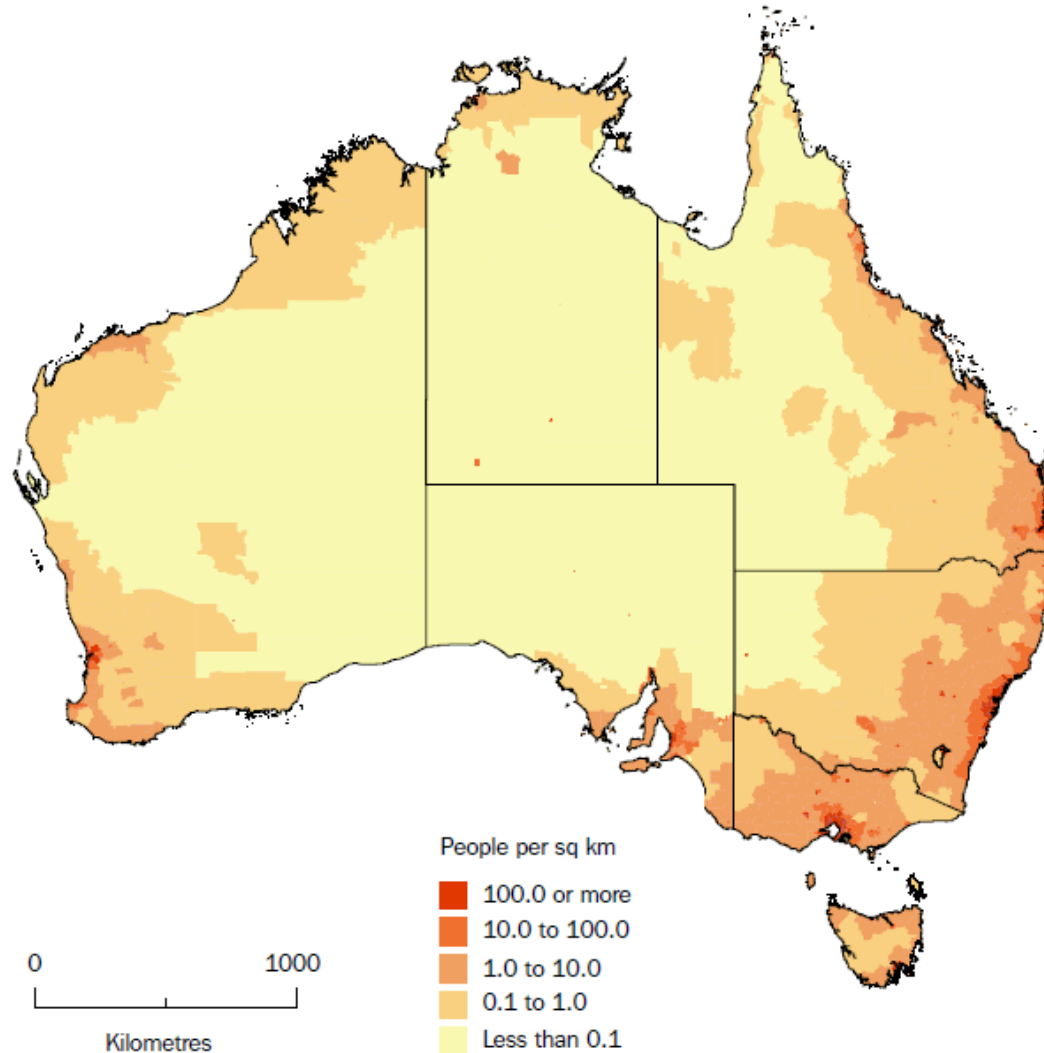
Heatwaves are getting
hotter, lasting longer



Local Government & Climate Change



7.14 POPULATION DENSITY—June 2010



Source: *Regional Population Growth, Australia (3218.0)*.

Local Government & Climate Change



EAGA
EASTERN ALLIANCE
FOR GREENHOUSE ACTION



Eco Driver

Street Light Change Over

Solar Suburbs

Local Government & Climate Change



New South Wales: The City of Sydney

The City of Sydney: reduce carbon emissions from the local government area by 70% by 2030

City Farm

Street Lights

Solar Panel Project

Energy Efficient Retrofit

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New South Wales: Chippendale



Source: sustainablechippendale.com

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New South Wales: Lismore City Council



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New South Wales: Byron Shire Council



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Queensland: Brisbane City Council

- Brisbane City wants restore 40% of mainland Brisbane's natural habitat, reduced greenhouse gas emissions by 50% and reuse 100% of wastewater.



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South Australia: The City of Adelaide



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Northern Territory: City of Darwin



- ACF: Darwin, Australia's most sustainable city

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International

I.C.L.E.I

Local
Governments
for Sustainability



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