



*We Mercies*

## *Care for Creation*

You can find  
more  
about the report  
at

[www.climatecouncil.org.au/ipccar5synthesisreport](http://www.climatecouncil.org.au/ipccar5synthesisreport)

*Ed Anne McLay  
December 2014*

### **INTERGOVERNMENTAL REPORT CLIMATE CHANGE**

- ✚ Human influence on the climate system is clear; recent emissions of greenhouse gases are the highest in history.
- ✚ Continued emission will cause long-lasting changes in all components of the climate system.
- ✚ By end of 21<sup>st</sup> century, it is very likely that more than 95% of the ocean area worldwide will experience sea level rise.
- ✚ In urban areas, climate change is projected to increase risks for people, economies and ecosystems, including risks from heat stress, storms and extreme precipitation, inland and coastal flooding, water scarcity, sea-level rise, and storm surges.
- ✚ Rural areas are expected to experience major impacts on water availability and supply, food, security, infrastructure, and agricultural incomes.
- ✚ Annual investments in low carbon electricity and energy efficiency will need to rise by several hundred billion dollars per year before 2030.
- ✚ Without additional efforts to reduce emissions, global emissions growth will continue. If they continue to rise on a “business as usual” basis, global temperature will rise between 3.7 to 4.8 degrees C above preindustrial levels by 2100. This level of temperature rise would be catastrophic.
- ✚ We have the ability to tackle climate change and to build a more prosperous, sustainable future.

MORE THAN

700

OF THE WORLD'S TOP

climate scientists  
and experts

1,729

EXPERT   
REVIEWERS



from more than  
**70** countries

Spent  Years

PREPARING THE LATEST

IPCC REPORT 

 **THEY ARE MORE  
CERTAIN THAN EVER THAT:**

Climate change is  
already happening  
here & around the world.

**THERE ARE HUGE RISKS  
AND COSTS FOR AUSTRALIA  
FROM A CHANGING CLIMATE**

This is the **critical decade** for  
action and solutions.

Help our scientists spread  
this important message.

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