

# climatechange in Australia



technical report 2007 supplementary material



The figures in this document provide best estimate, 10th percentile and 90th percentile projections for 2030, 2050 and 2070 for six SRES emission scenarios (B1, B2, A2, A1B, A1T, A1FI), and supplement material in Chapter 5 Regional Climate Change Projections of the Climate Change in Australia Technical Report 2007 (available at [www.climatechangeinaustralia.gov.au](http://www.climatechangeinaustralia.gov.au)).

## Figures are for the following climate variables:

### Temperature (change in °C)

Figure S1	Summer	4
Figure S2	Autumn	5
Figure S3	Winter	6
Figure S4	Spring	7

*Note: The figure for annual temperature change is Figure A1 in the full technical report.*

### Precipitation

*Annual and seasonal precipitation figures are in the full technical report – Figures A2-A6.*

### Relative humidity (% change)

Figure S5	Annual	8
Figure S6	Summer	9
Figure S7	Autumn	10
Figure S8	Winter	11
Figure S9	Spring	12

### Solar radiation (% change)

Figure S10	Annual	13
Figure S11	Summer	14
Figure S12	Autumn	15
Figure S13	Winter	16
Figure S14	Spring	17

### Potential evapotranspiration (% change)

Figure S15	Annual	18
Figure S16	Summer	19
Figure S17	Autumn	20
Figure S18	Winter	21
Figure S19	Spring	22

### Mean 10 m wind speed (% change)

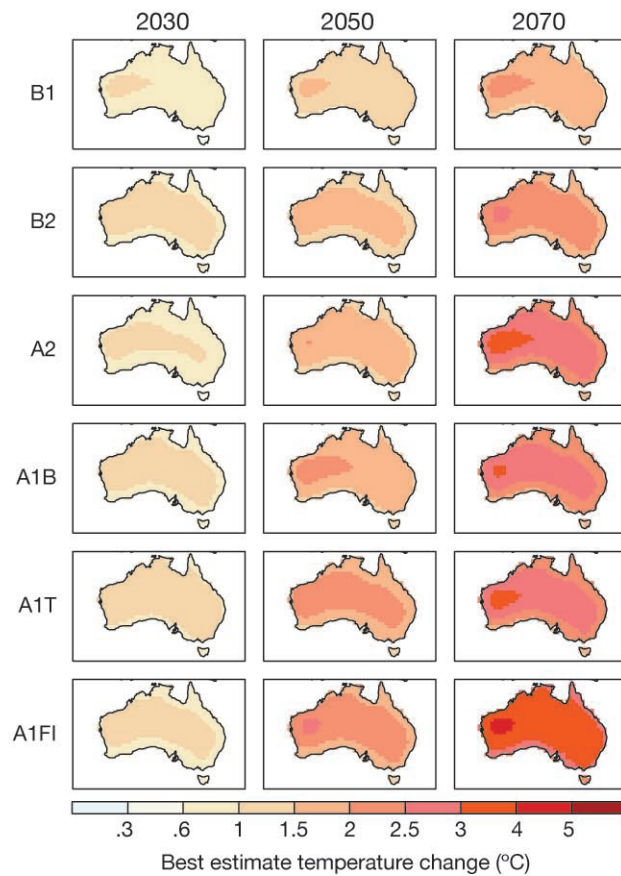
Figure S20	Annual	23
Figure S21	Summer	24
Figure S22	Autumn	25
Figure S23	Winter	26
Figure S24	Spring	27

### Sea surface temperature (change in °C)

Figure S25	Annual	28
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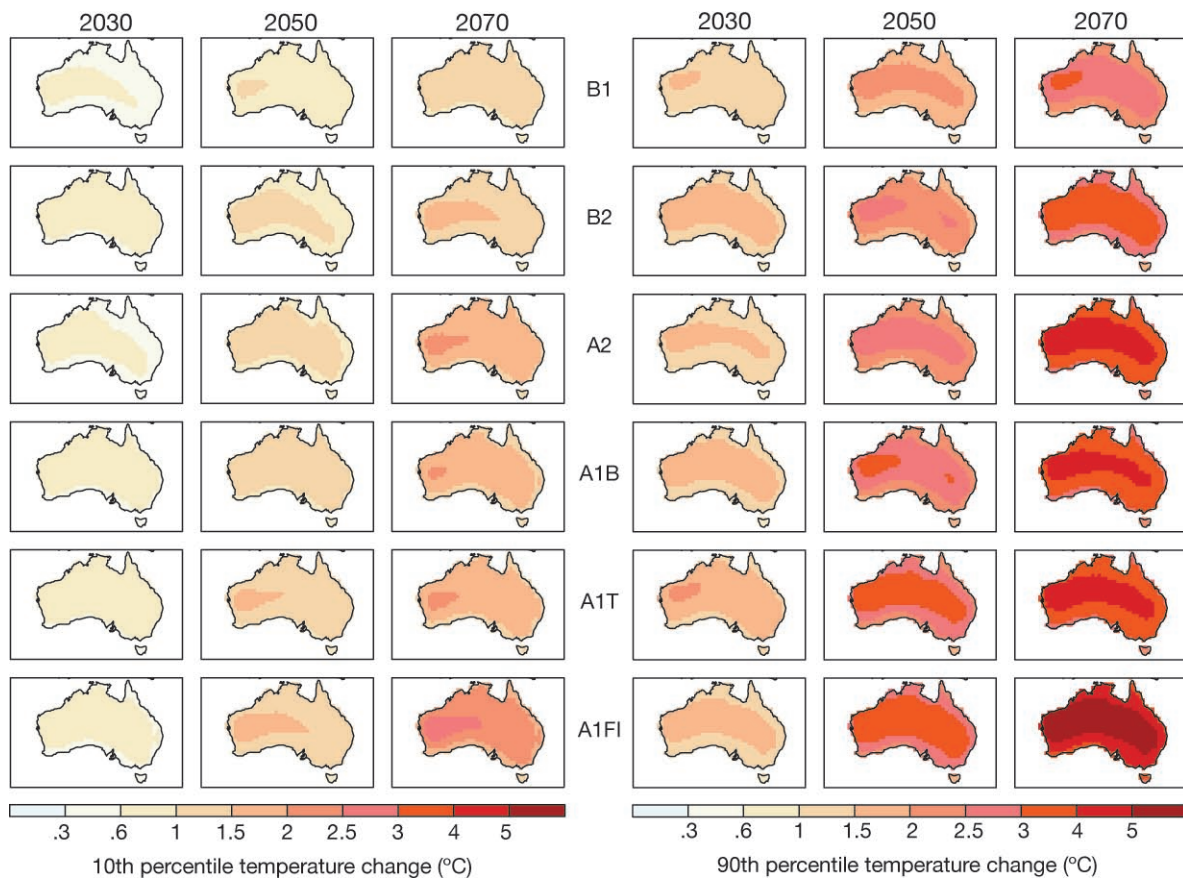
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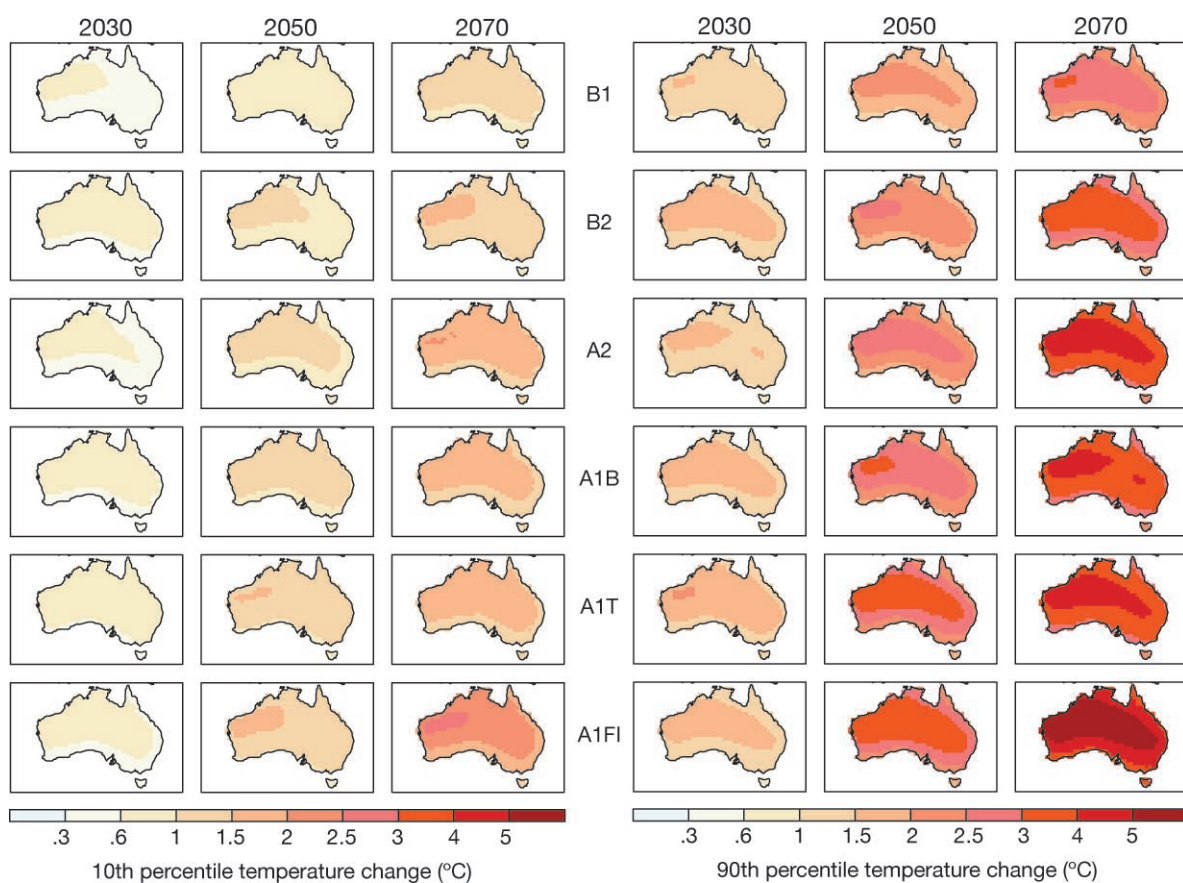
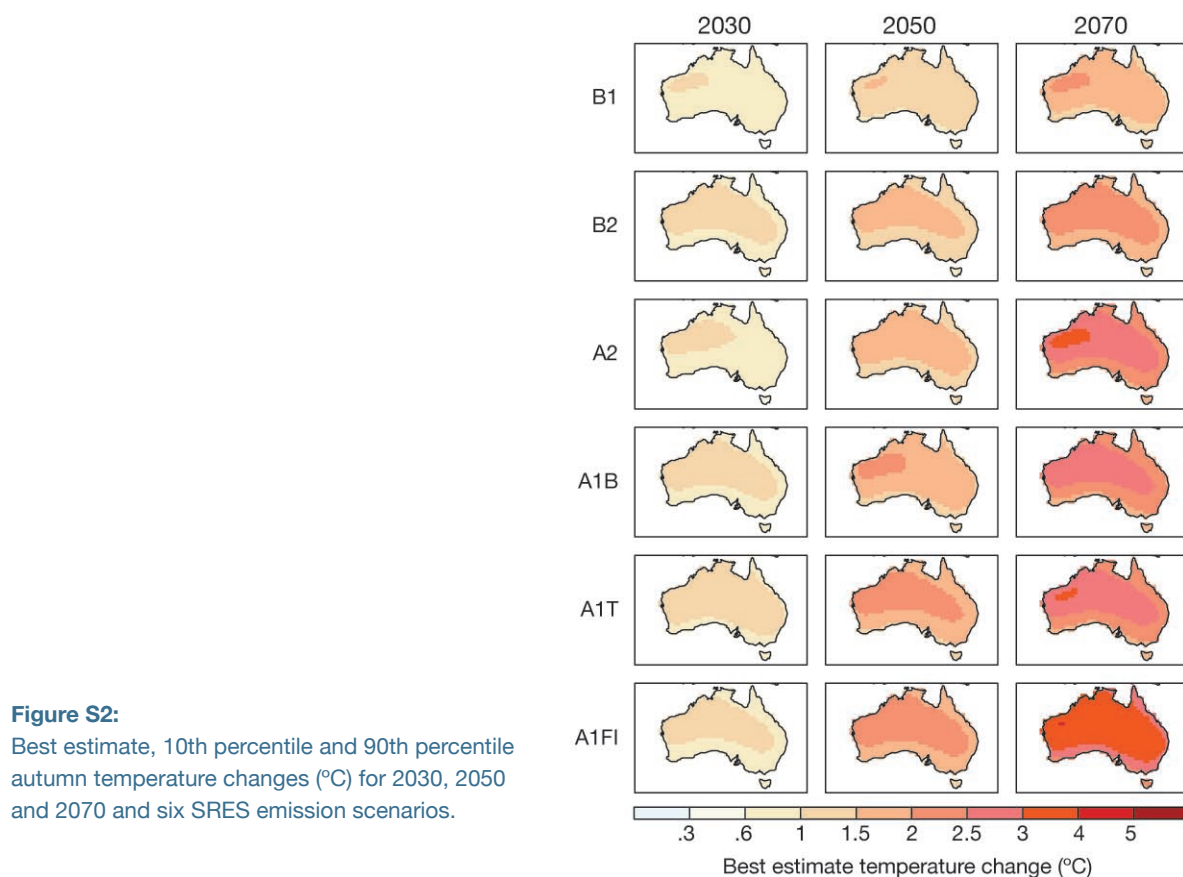


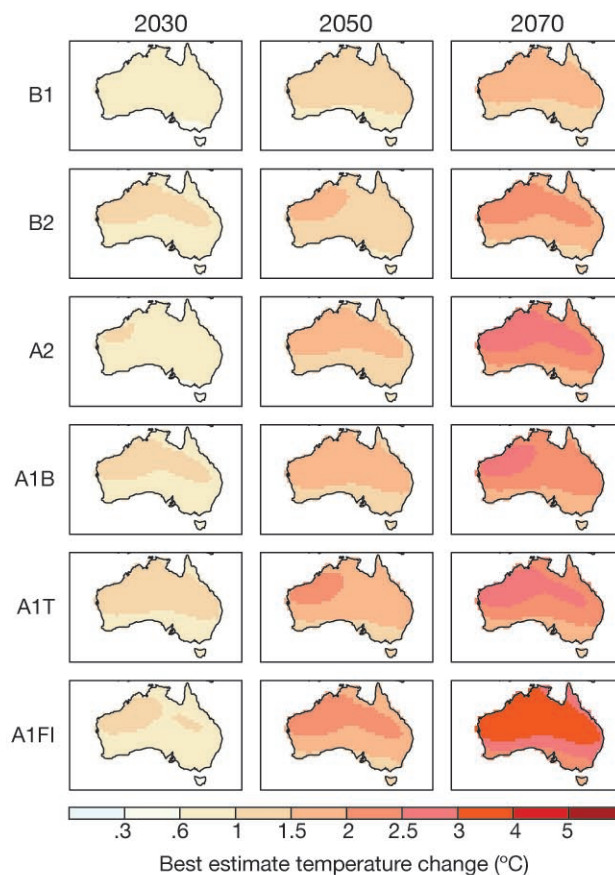
**Figure S1:**

Best estimate, 10th percentile and 90th percentile summer temperature changes (°C) for 2030, 2050 and 2070 and six SRES emission scenarios.



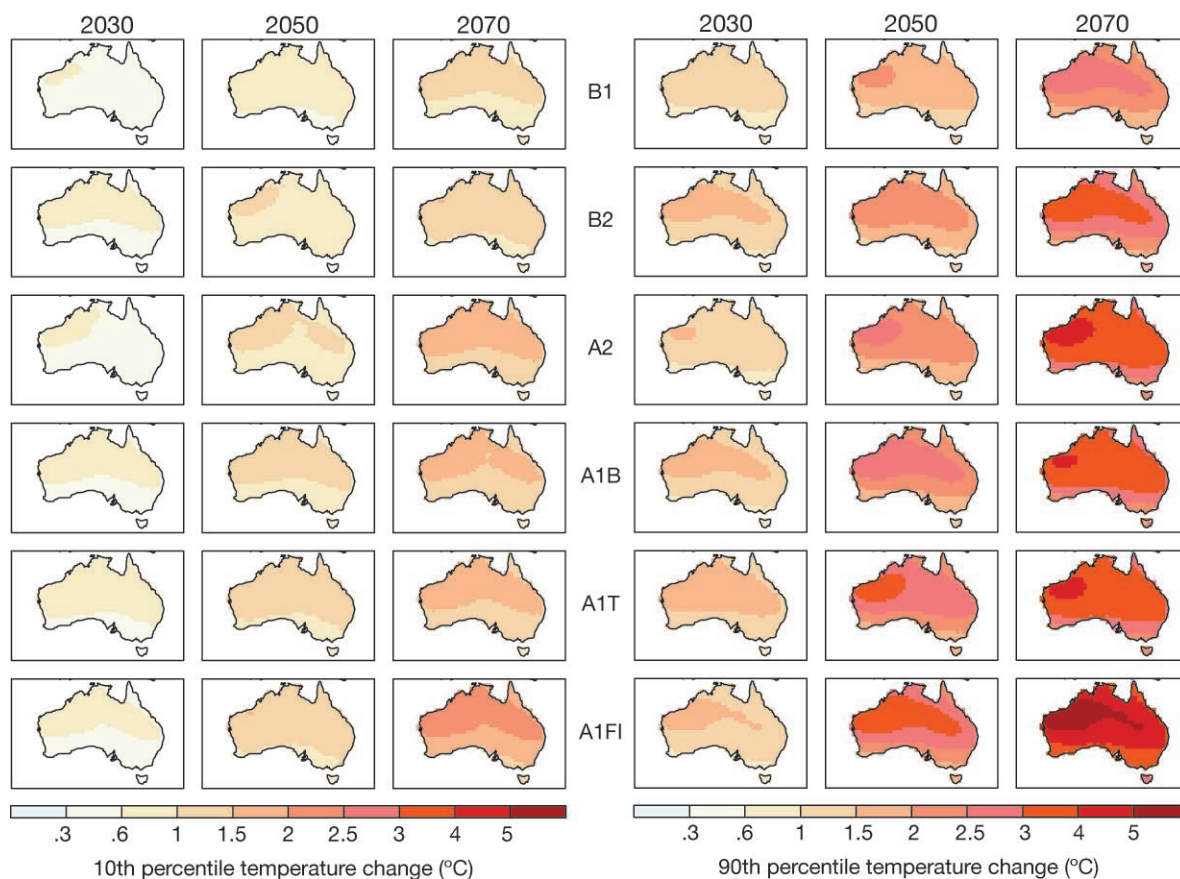






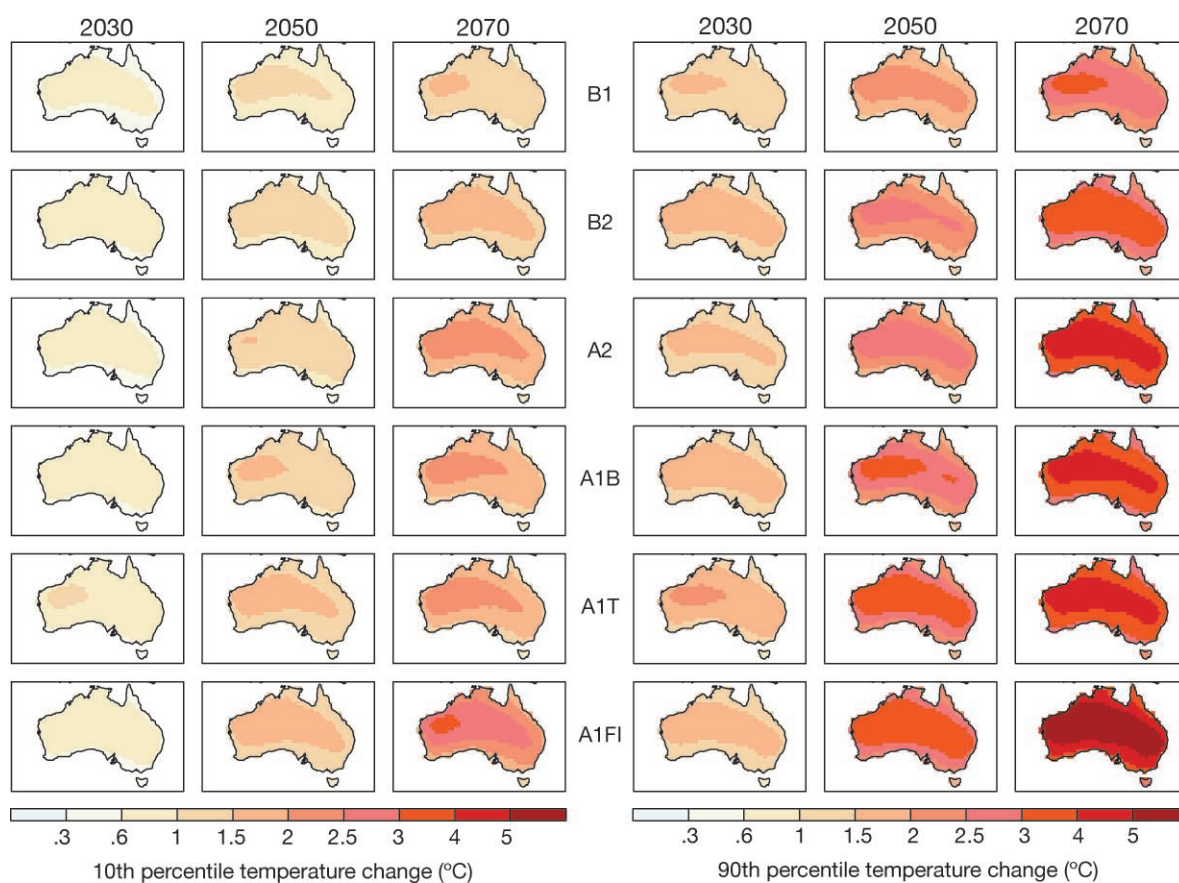
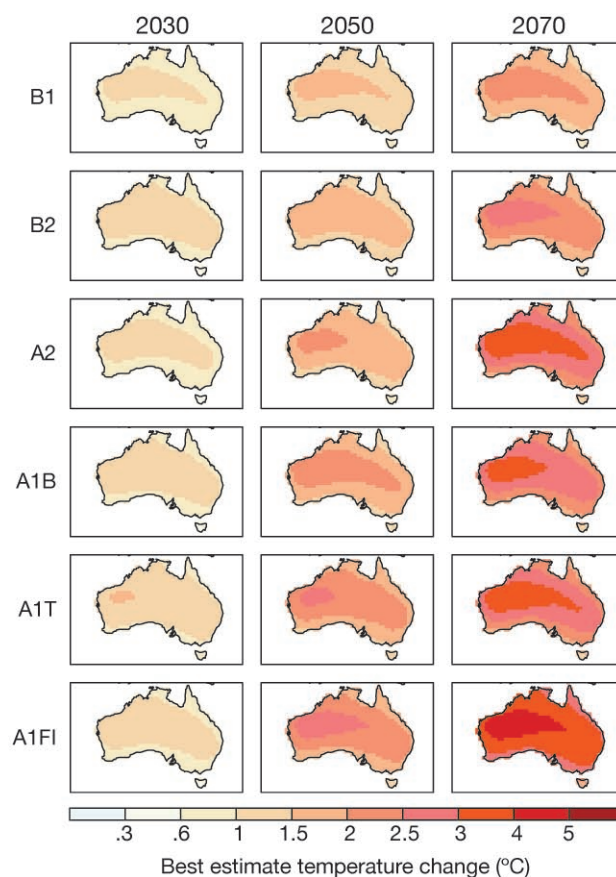
**Figure S3:**

Best estimate, 10th percentile and 90th percentile winter temperature changes (°C) for 2030, 2050 and 2070 and six SRES emission scenarios.

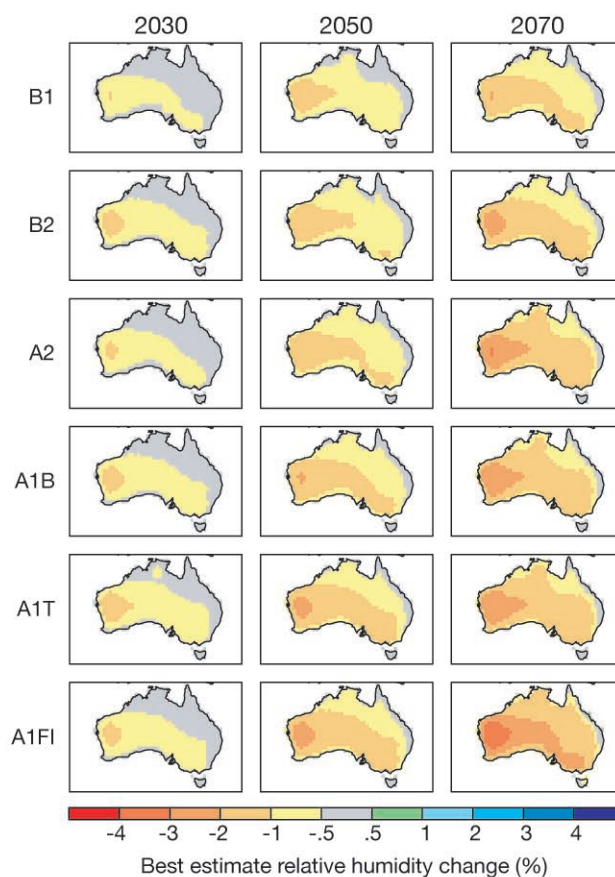


**Figure S4:**

Best estimate, 10th percentile and 90th percentile spring temperature changes (°C) for 2030, 2050 and 2070 and six SRES emission scenarios.

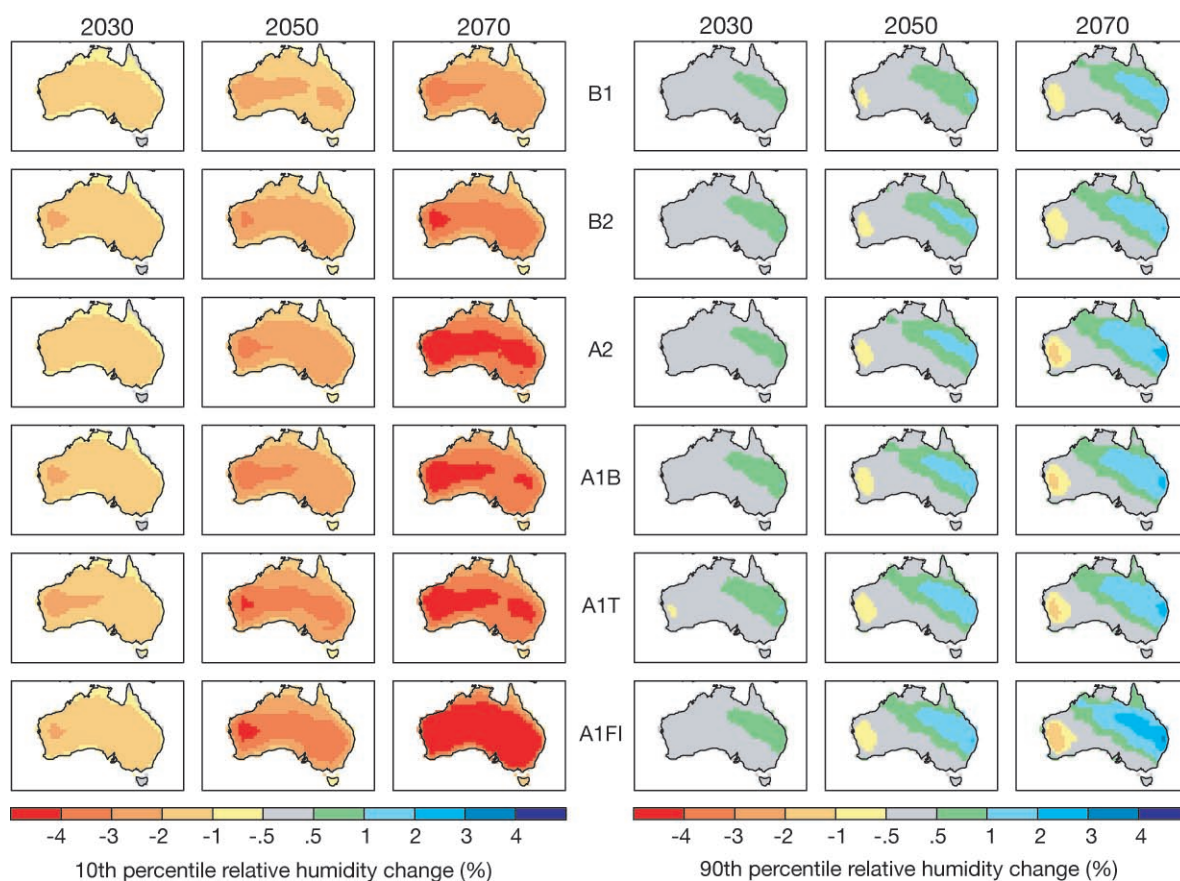




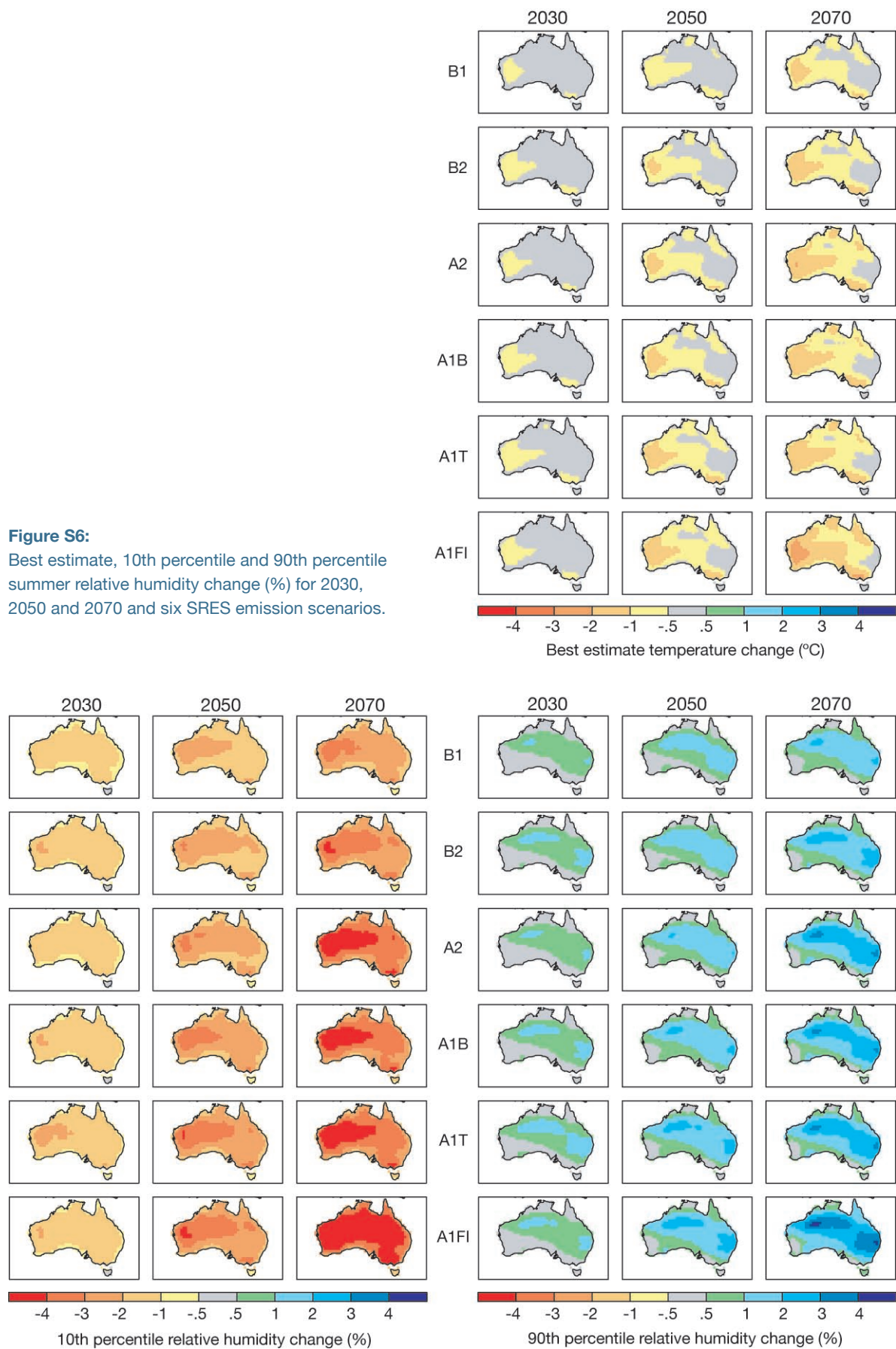


**Figure S5:**

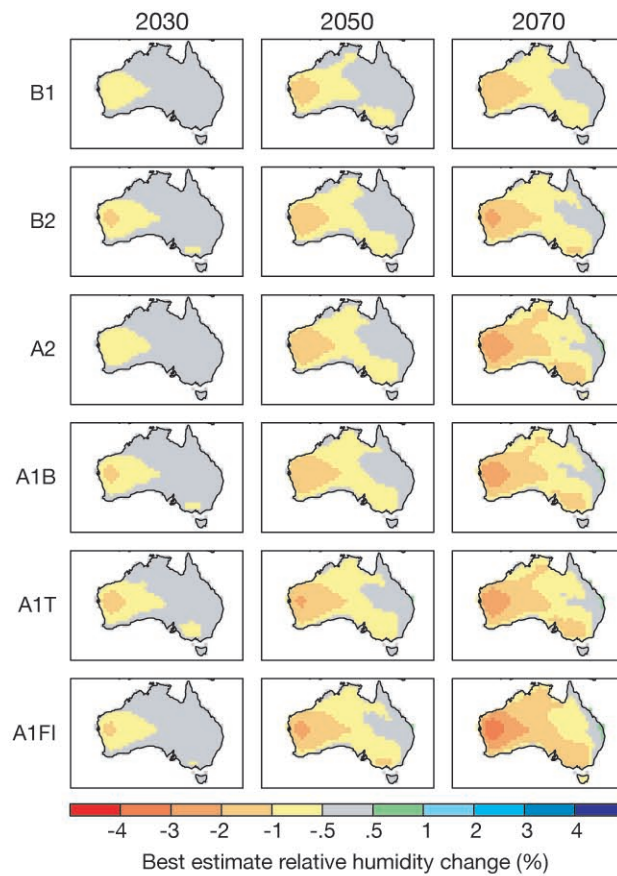
Best estimate, 10th percentile and 90th percentile annual relative humidity change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.



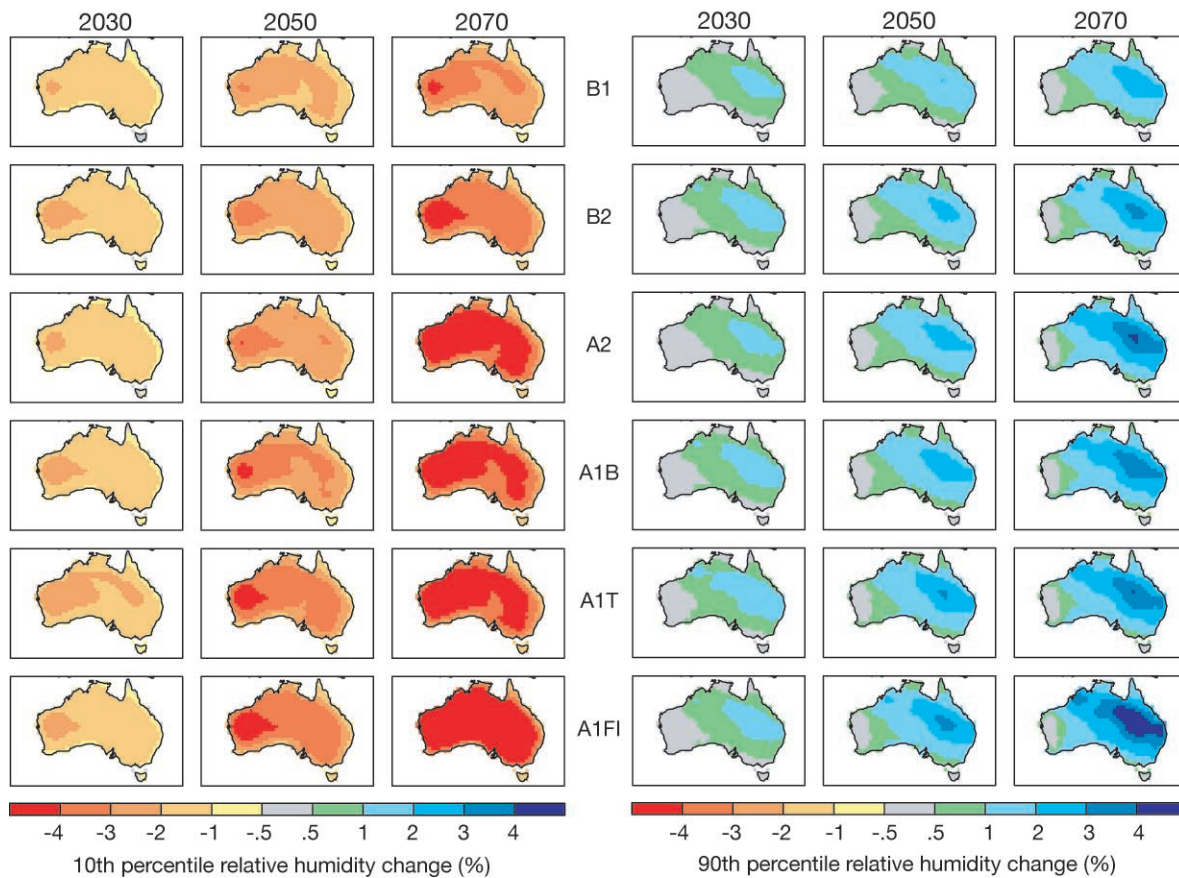
**Figure S6:**  
Best estimate, 10th percentile and 90th percentile  
summer relative humidity change (%) for 2030,  
2050 and 2070 and six SRES emission scenarios.



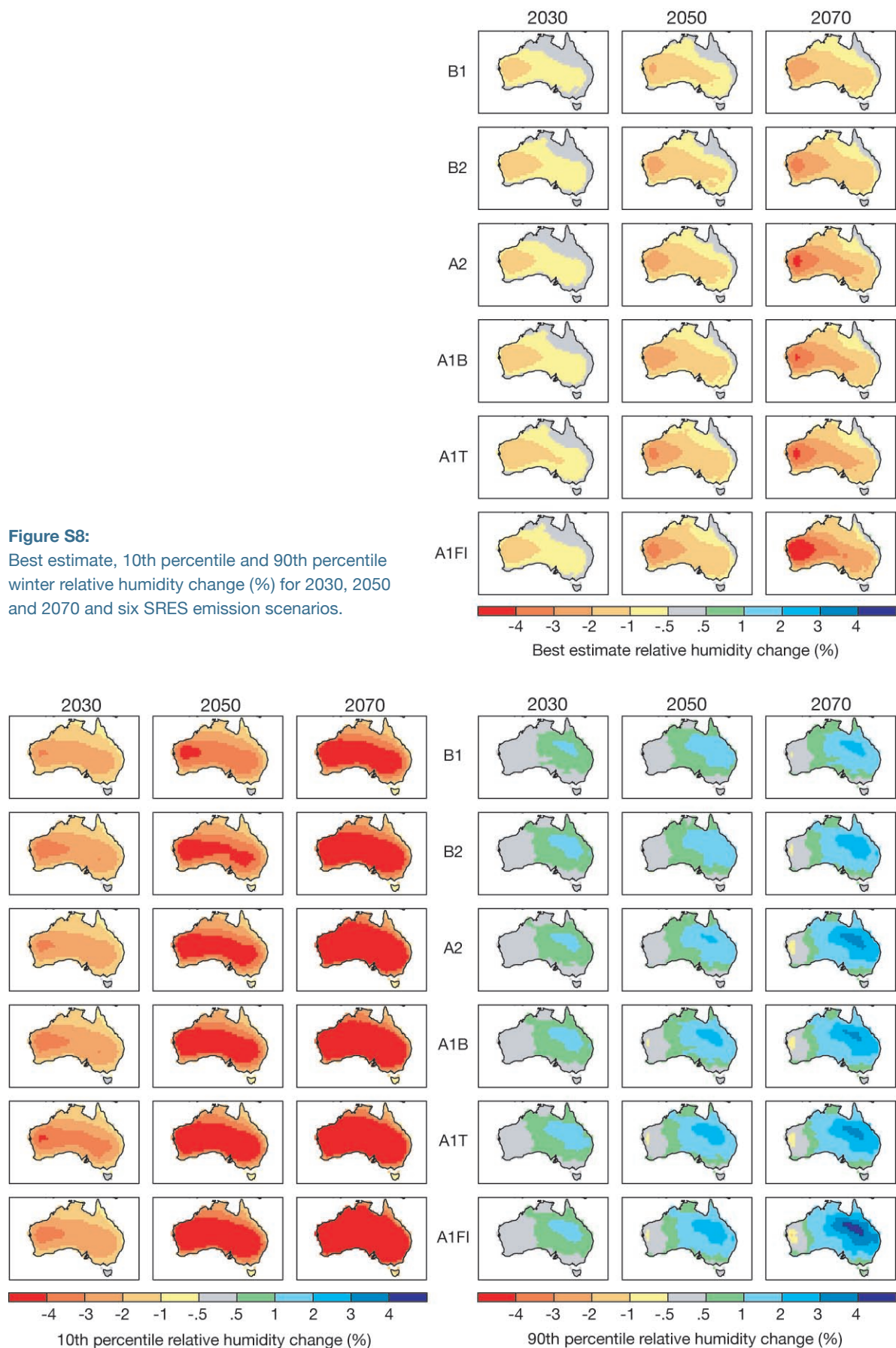


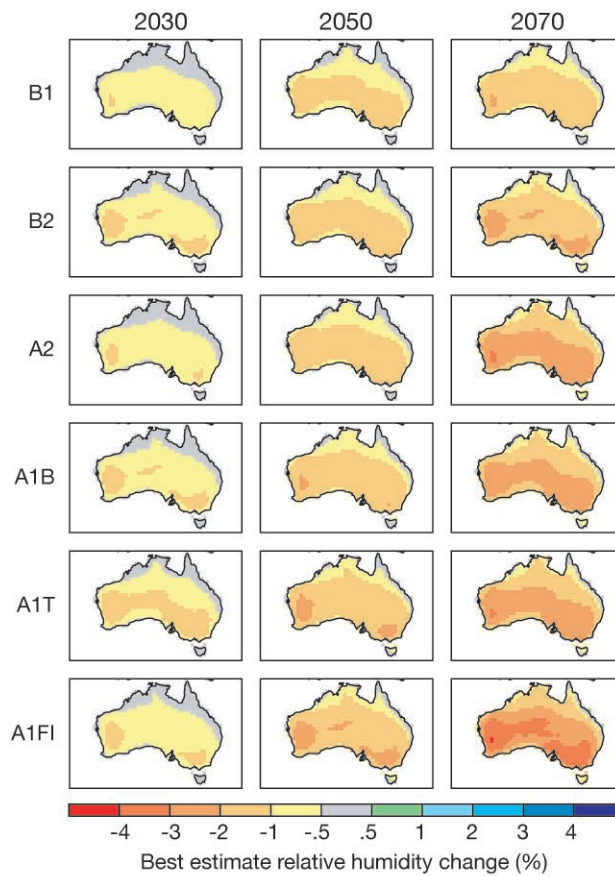


**Figure S7:**  
Best estimate, 10th percentile and 90th percentile autumn relative humidity change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

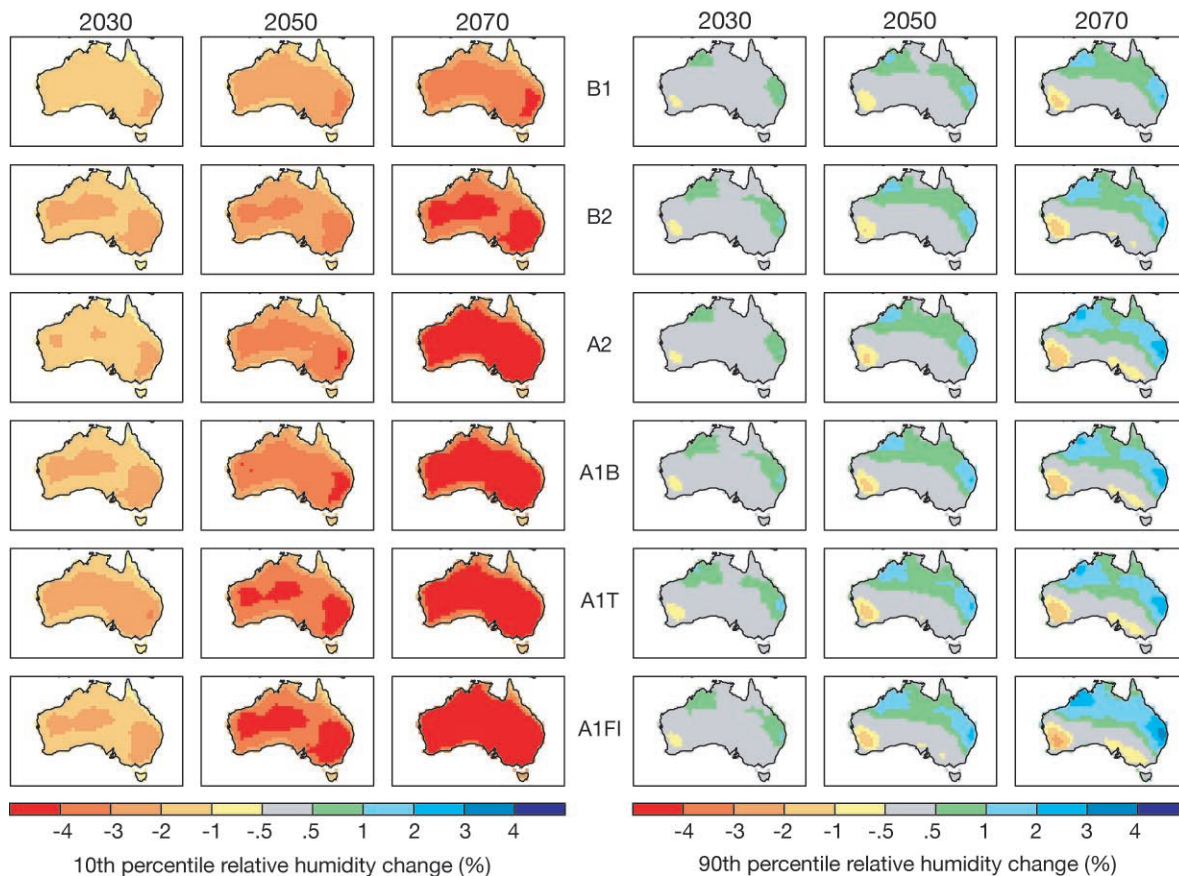


**Figure S8:**  
Best estimate, 10th percentile and 90th percentile  
winter relative humidity change (%) for 2030, 2050  
and 2070 and six SRES emission scenarios.





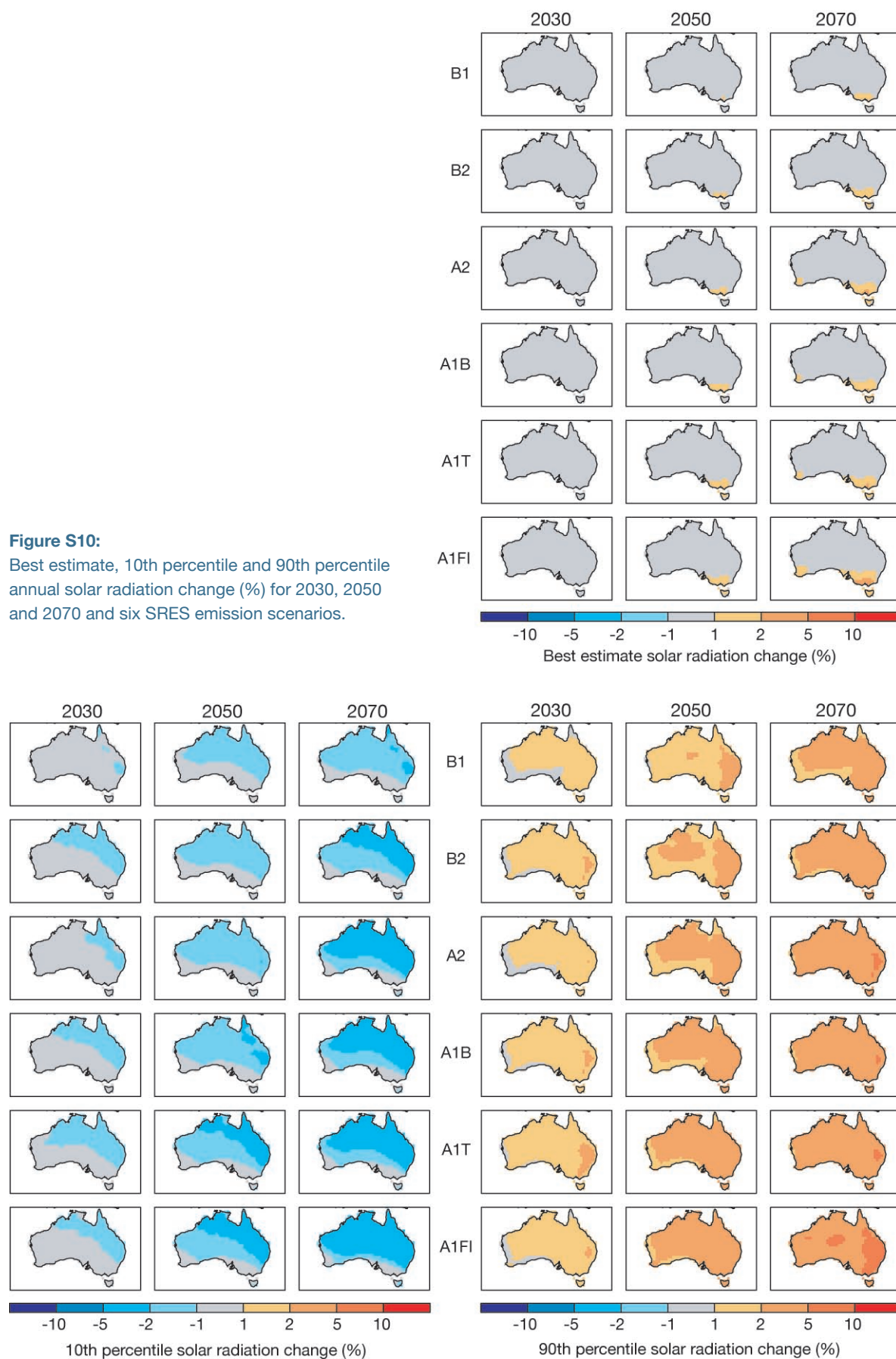
**Figure S9:**  
Best estimate, 10th percentile and 90th percentile spring relative humidity change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

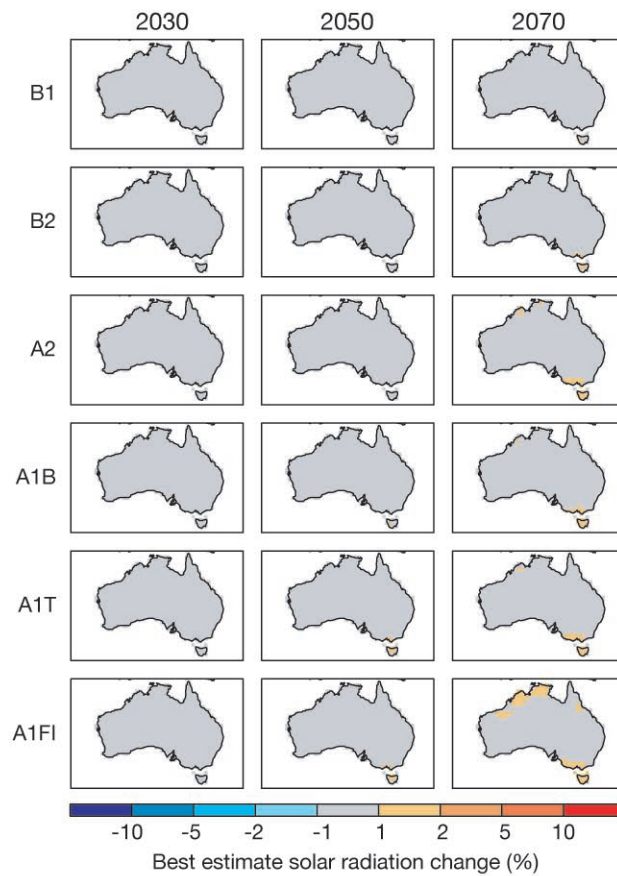




**Figure S10:**

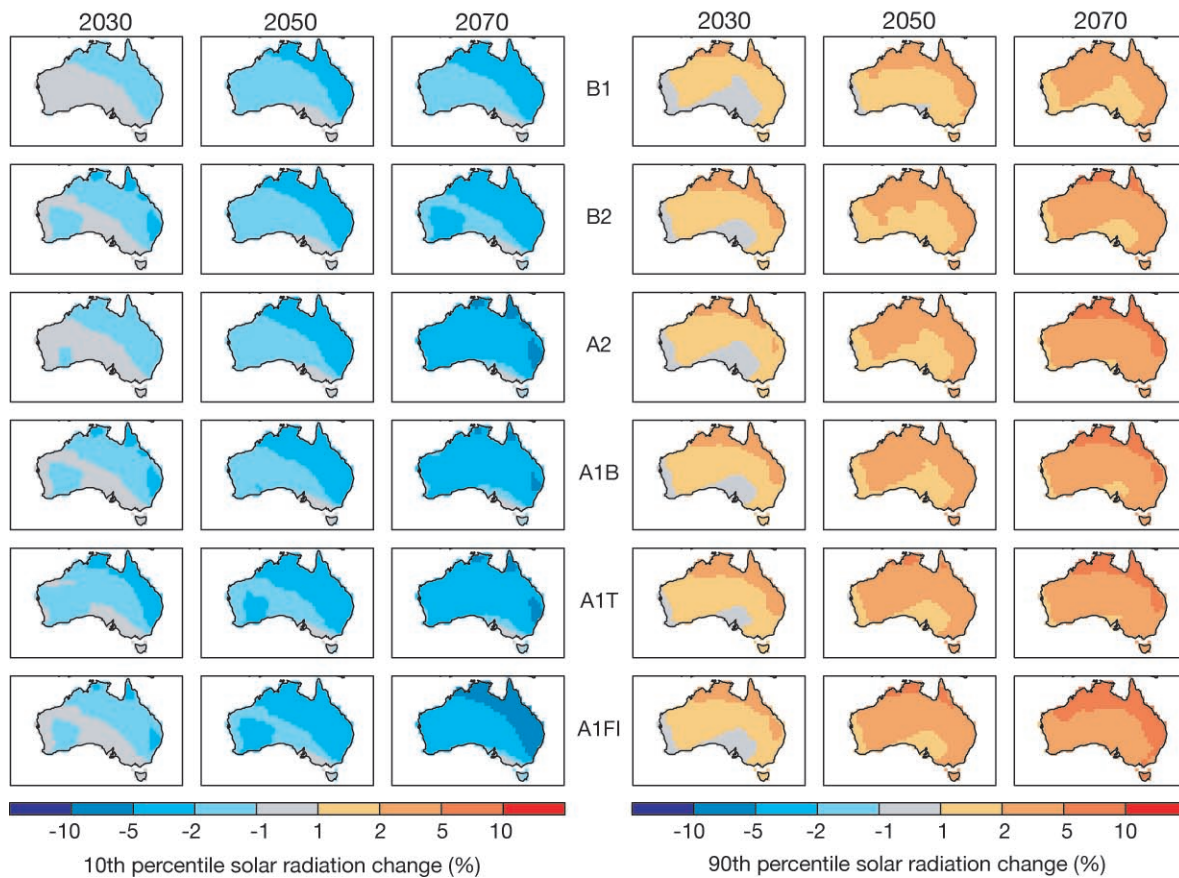
Best estimate, 10th percentile and 90th percentile annual solar radiation change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.





**Figure S11:**

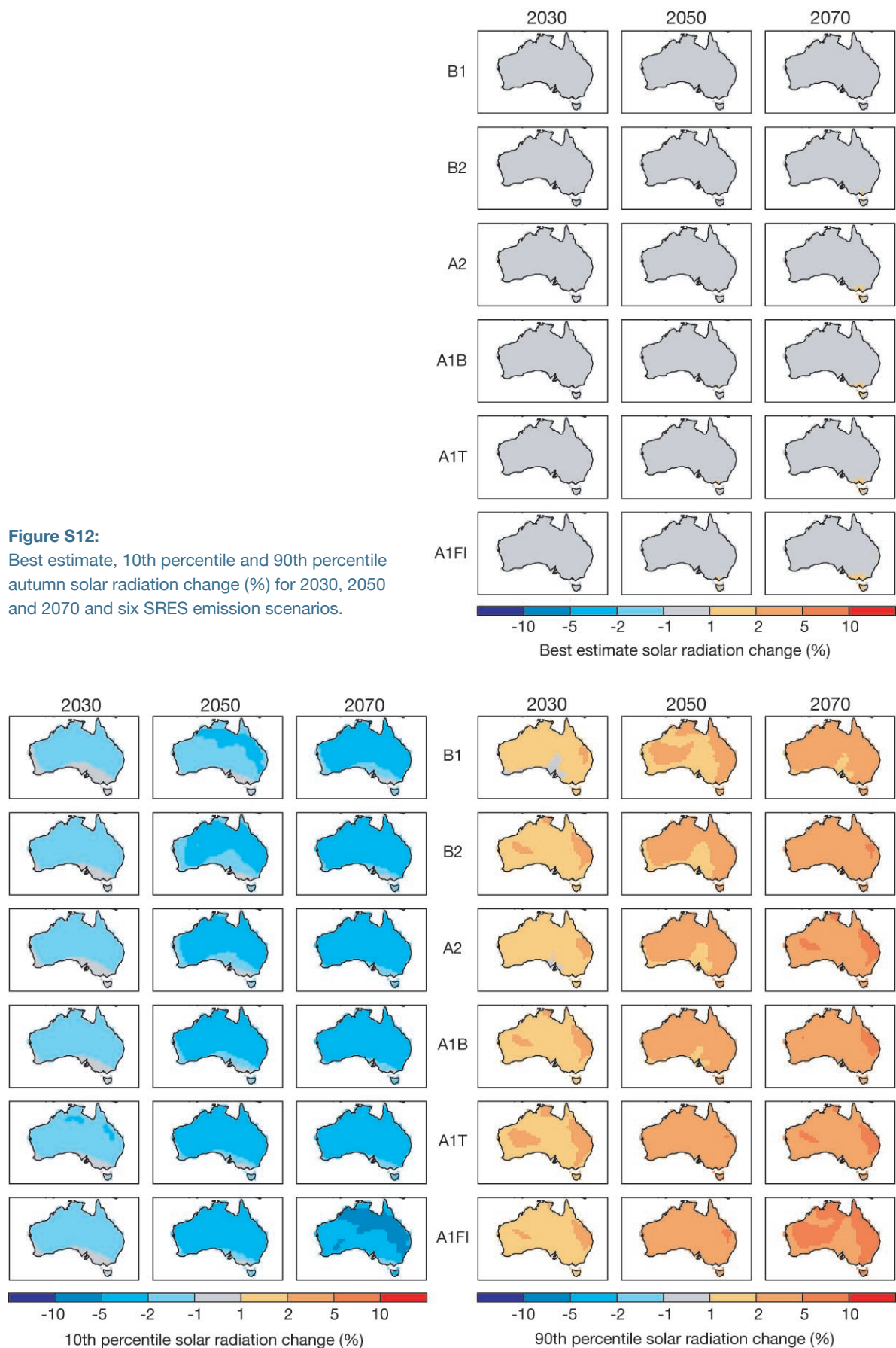
Best estimate, 10th percentile and 90th percentile summer solar radiation change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

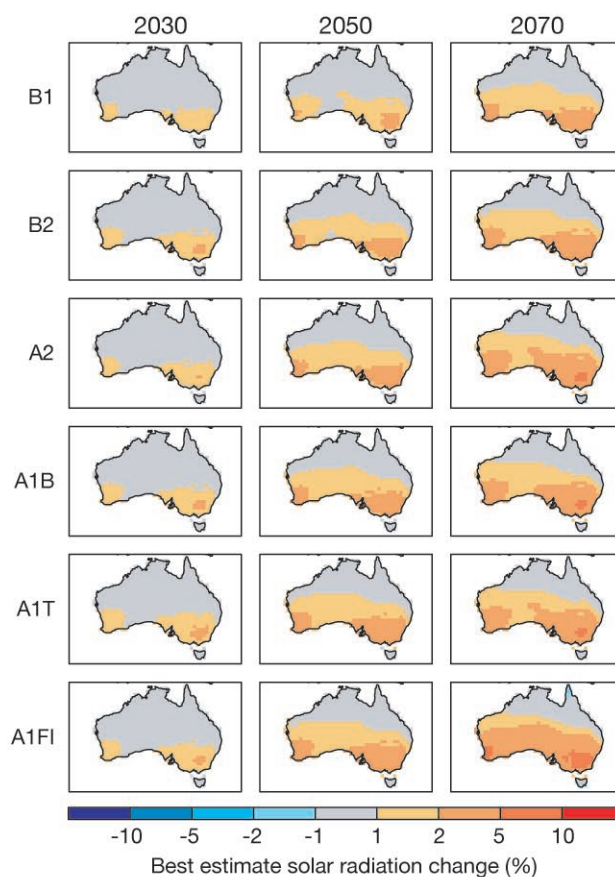




**Figure S12:**

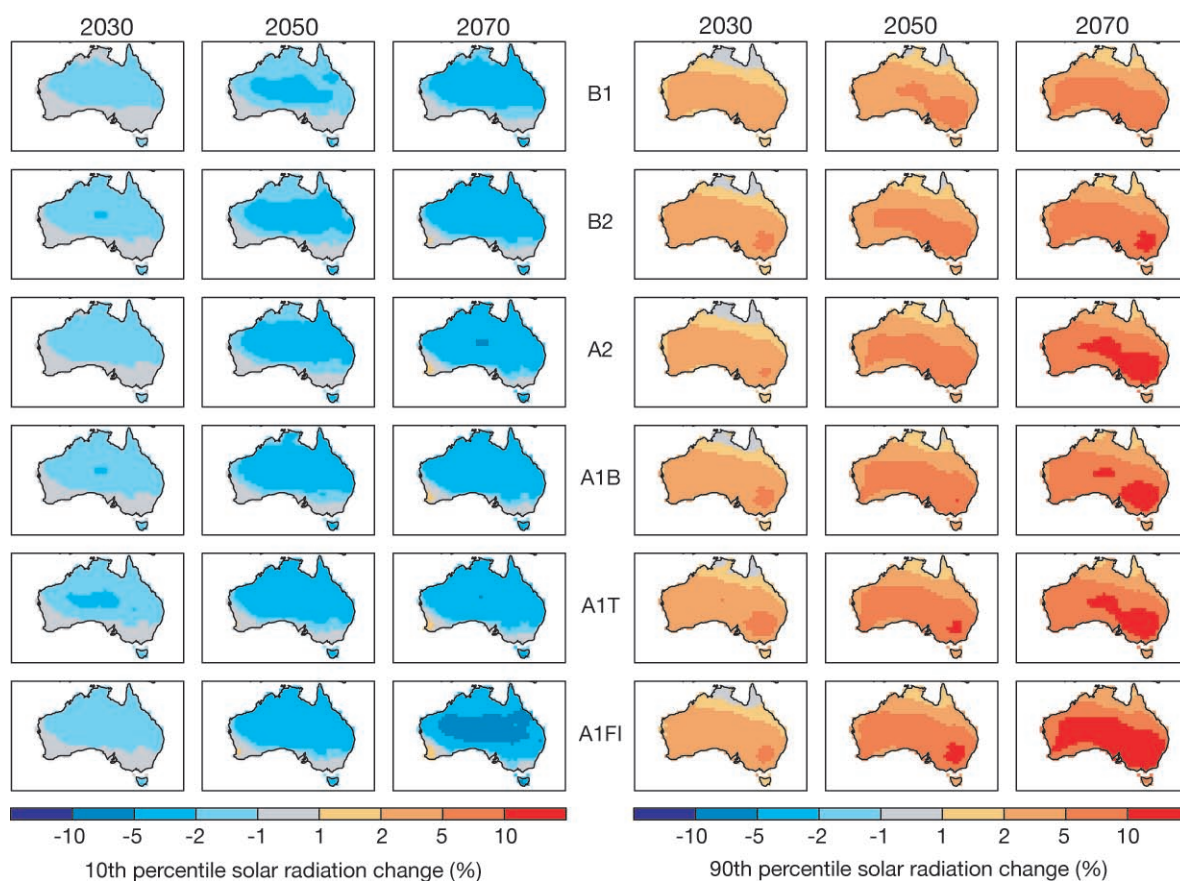
Best estimate, 10th percentile and 90th percentile autumn solar radiation change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.





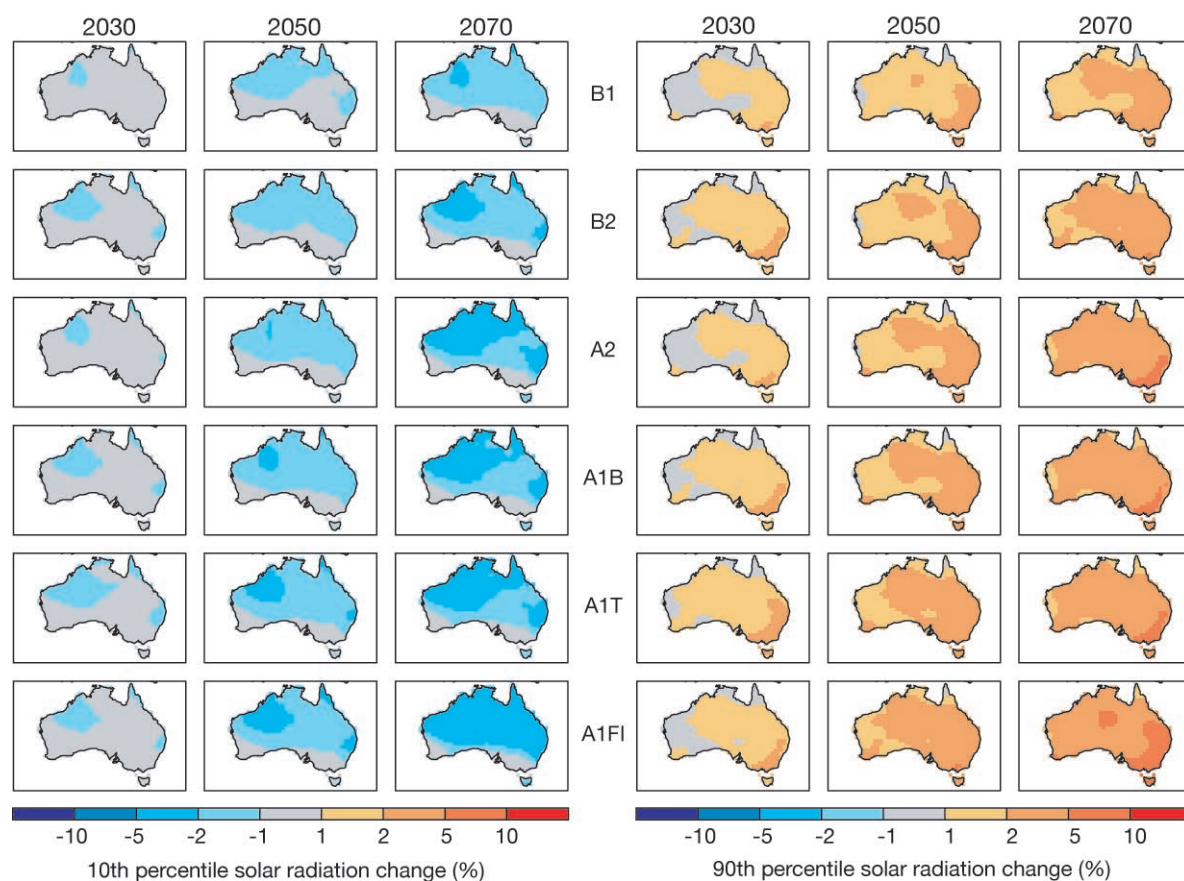
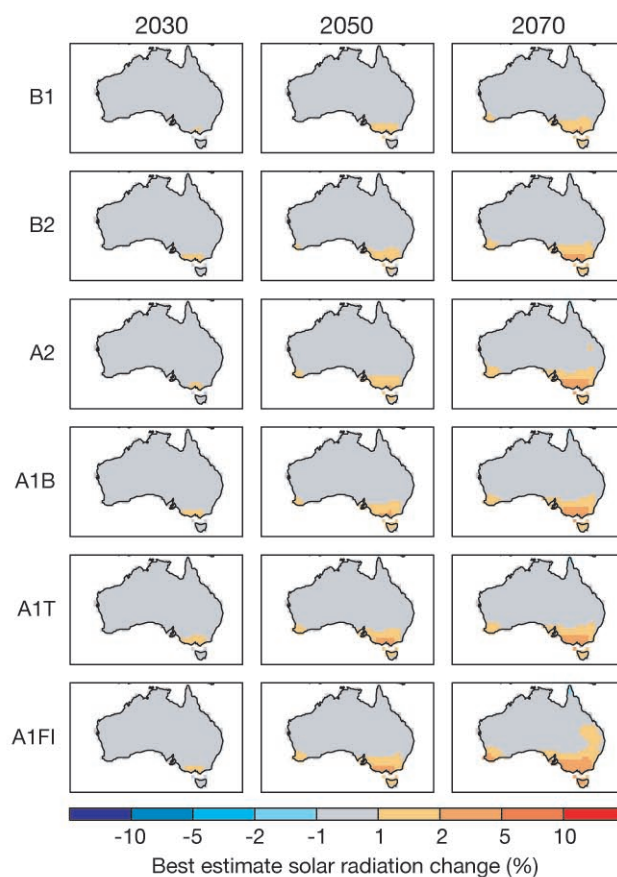
**Figure S13:**

Best estimate, 10th percentile and 90th percentile winter solar radiation change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

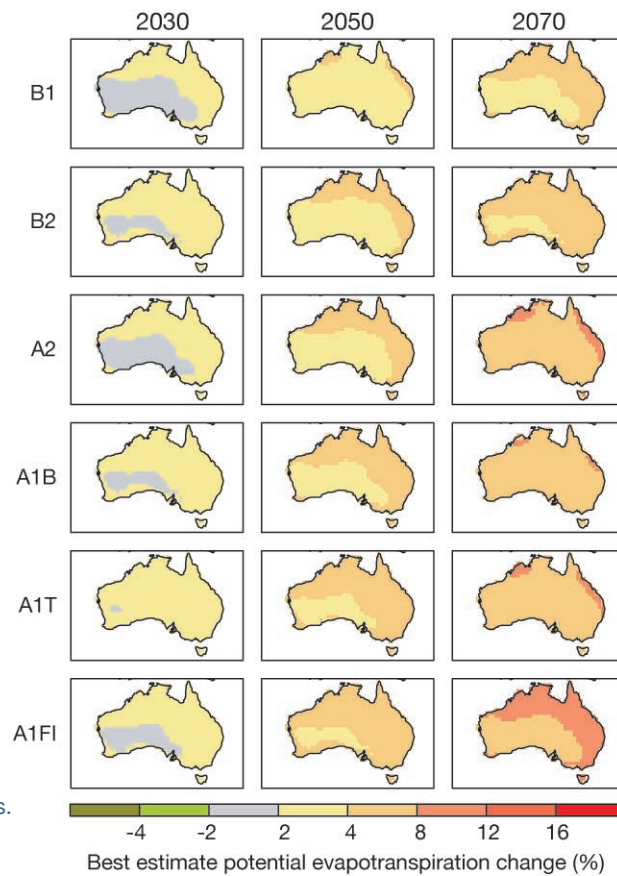


**Figure S14:**

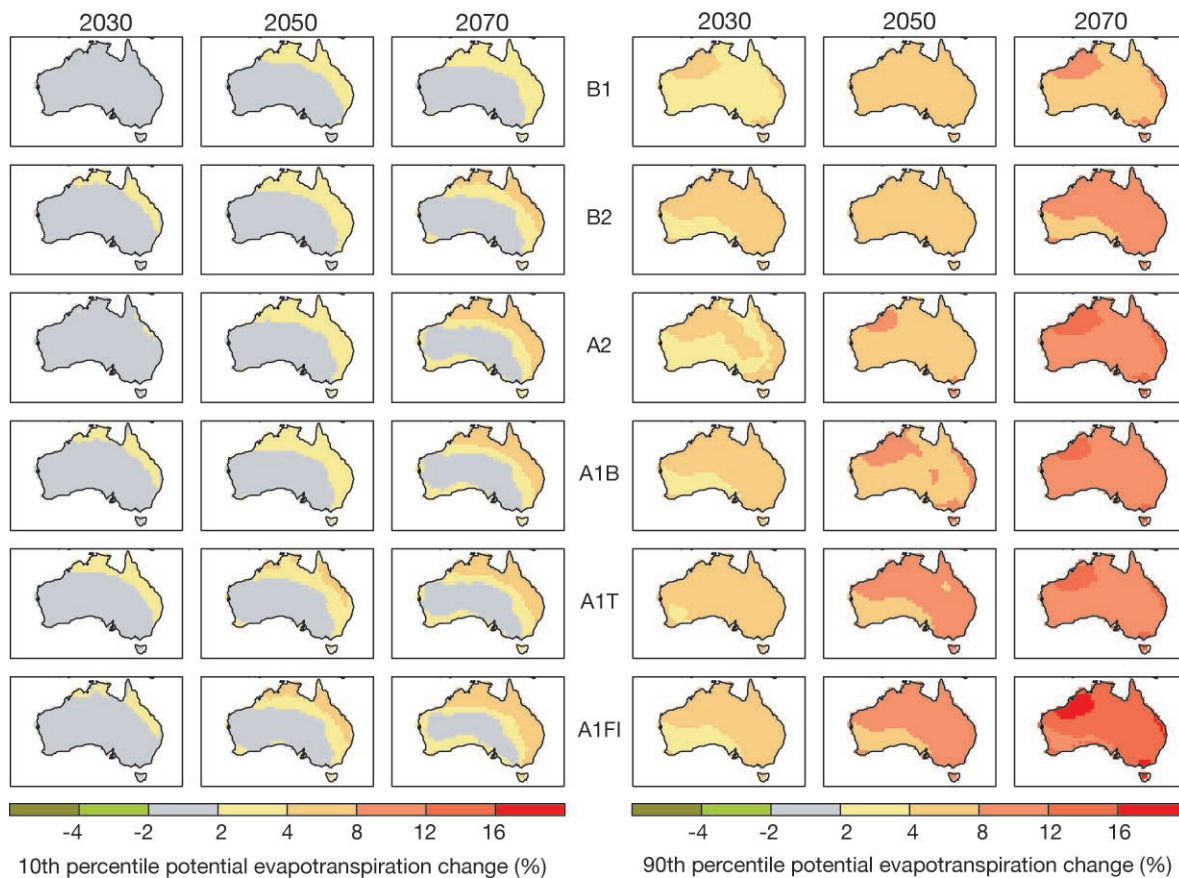
Best estimate, 10th percentile and 90th percentile spring solar radiation change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

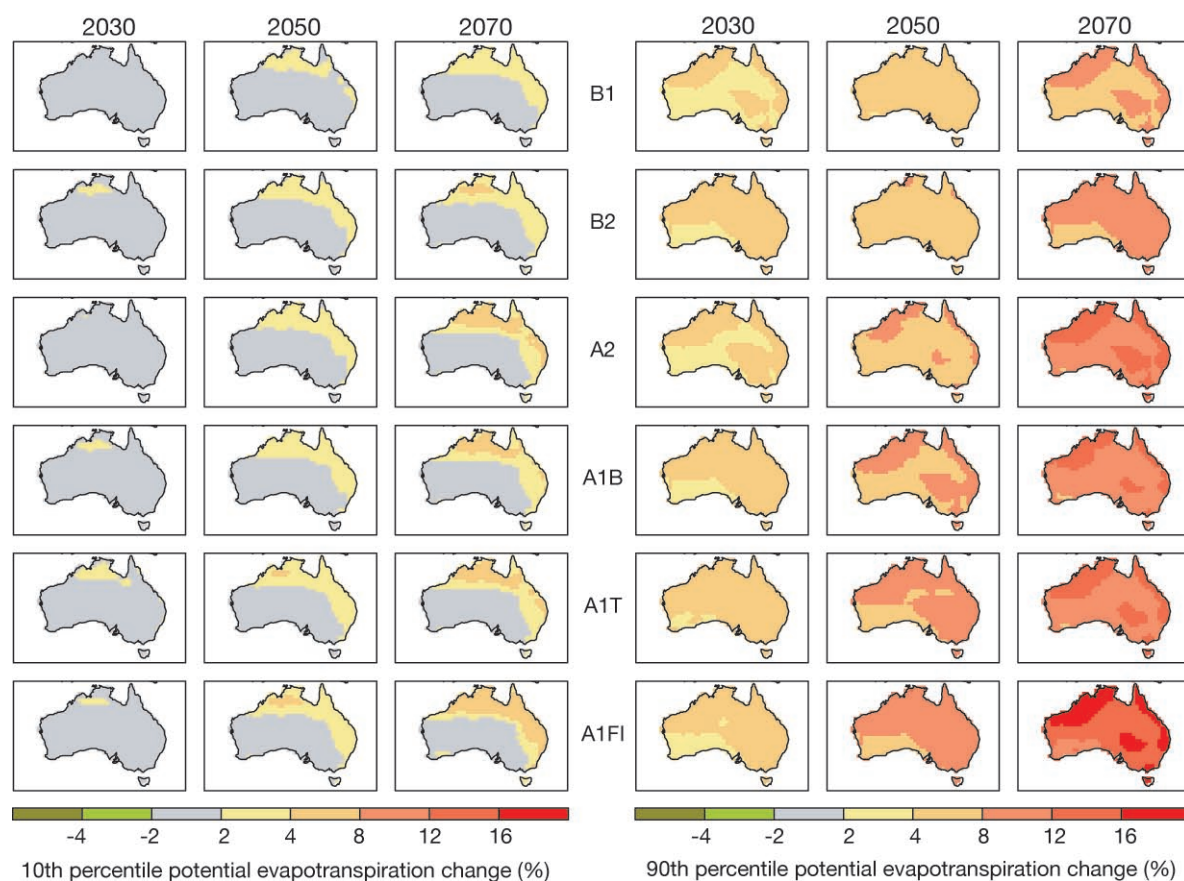
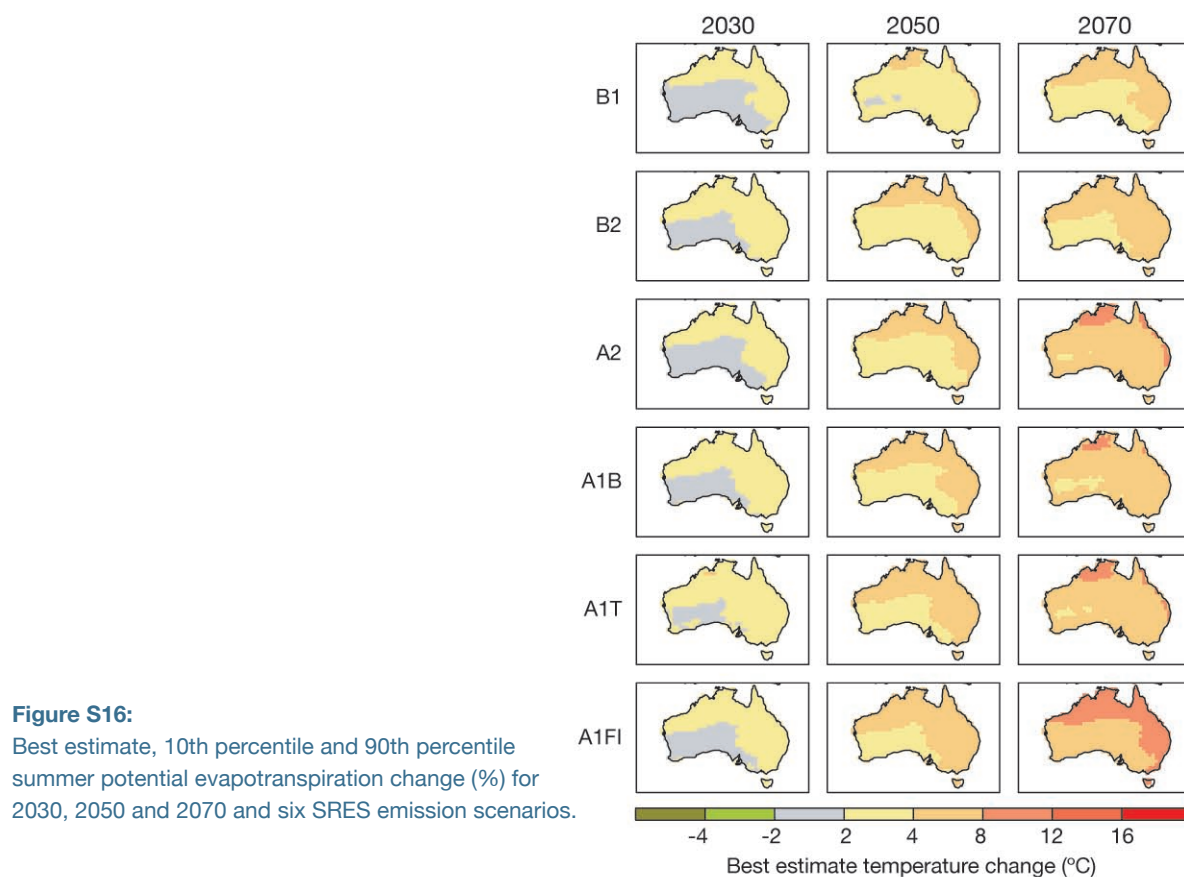




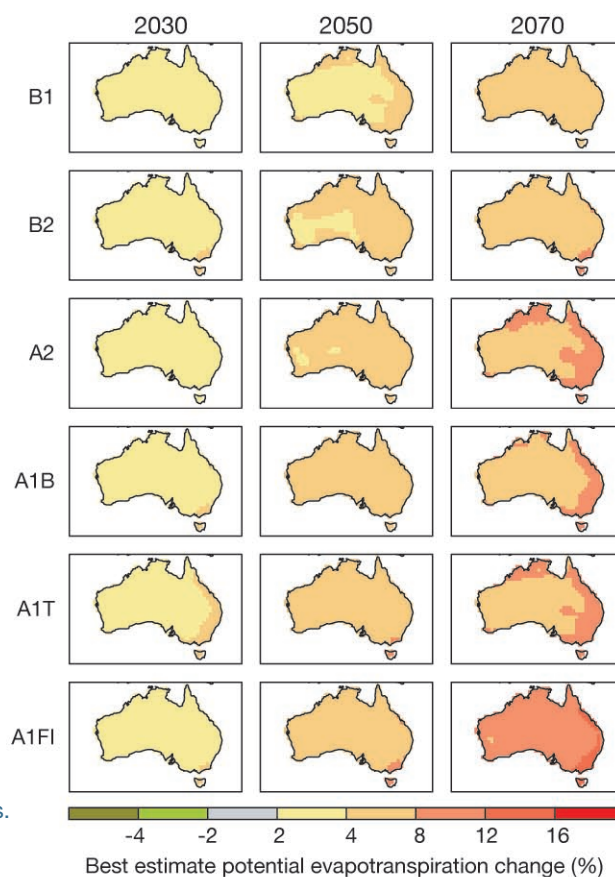


**Figure S15:**  
Best estimate, 10th percentile and 90th percentile annual potential evapotranspiration change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.



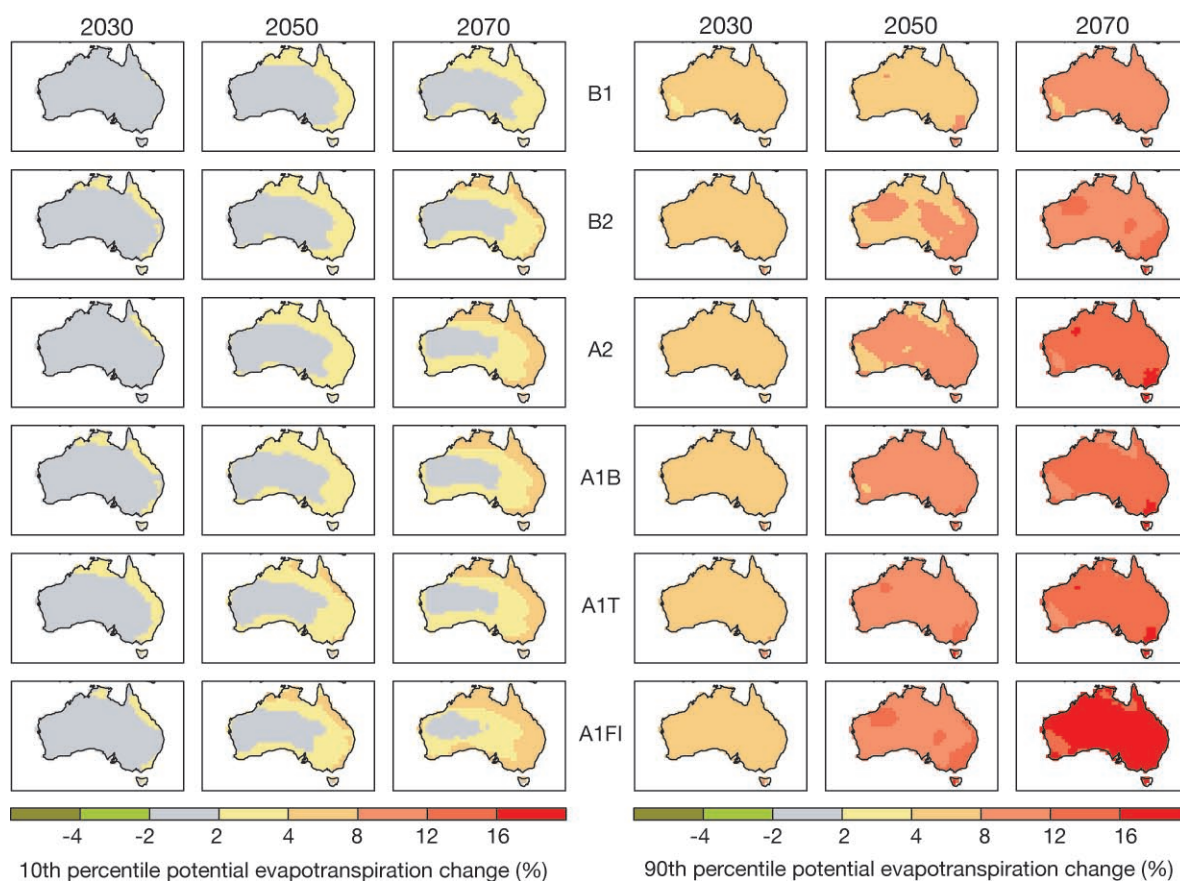


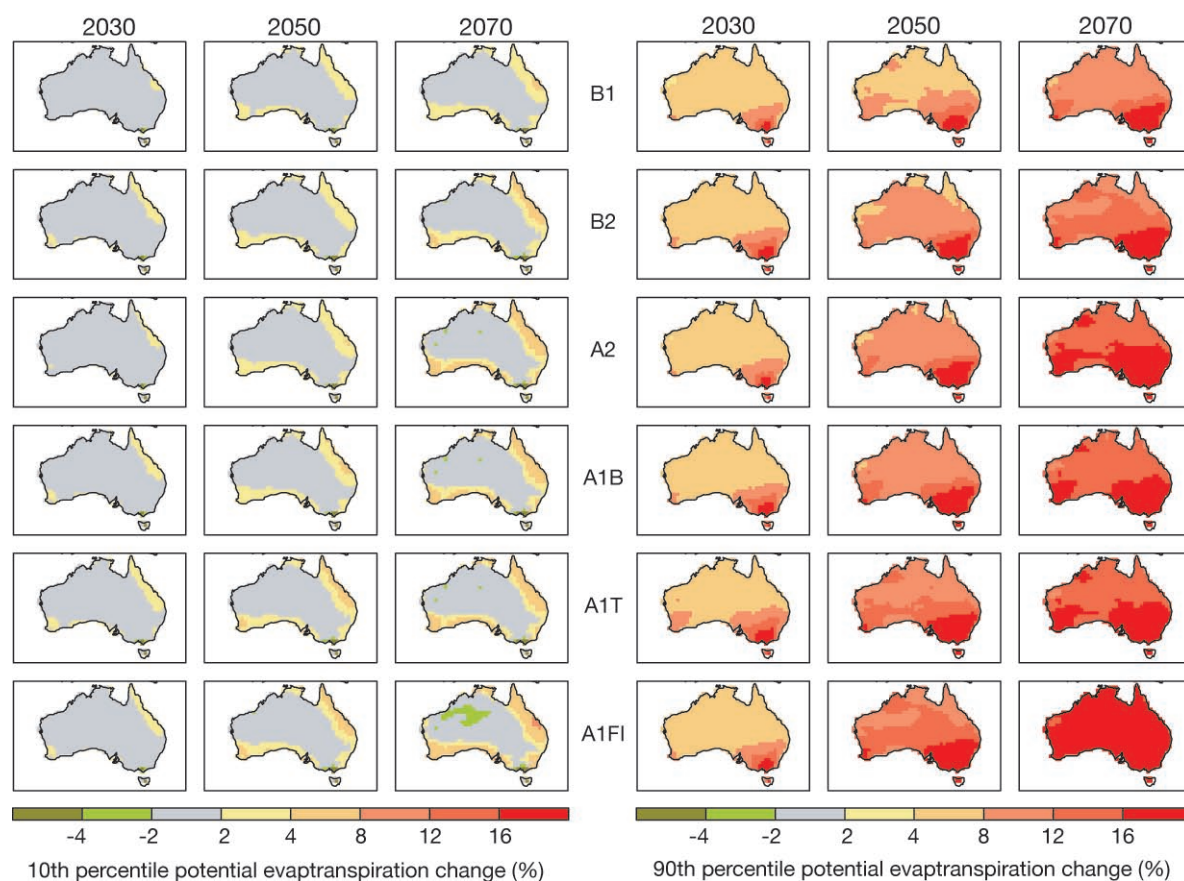
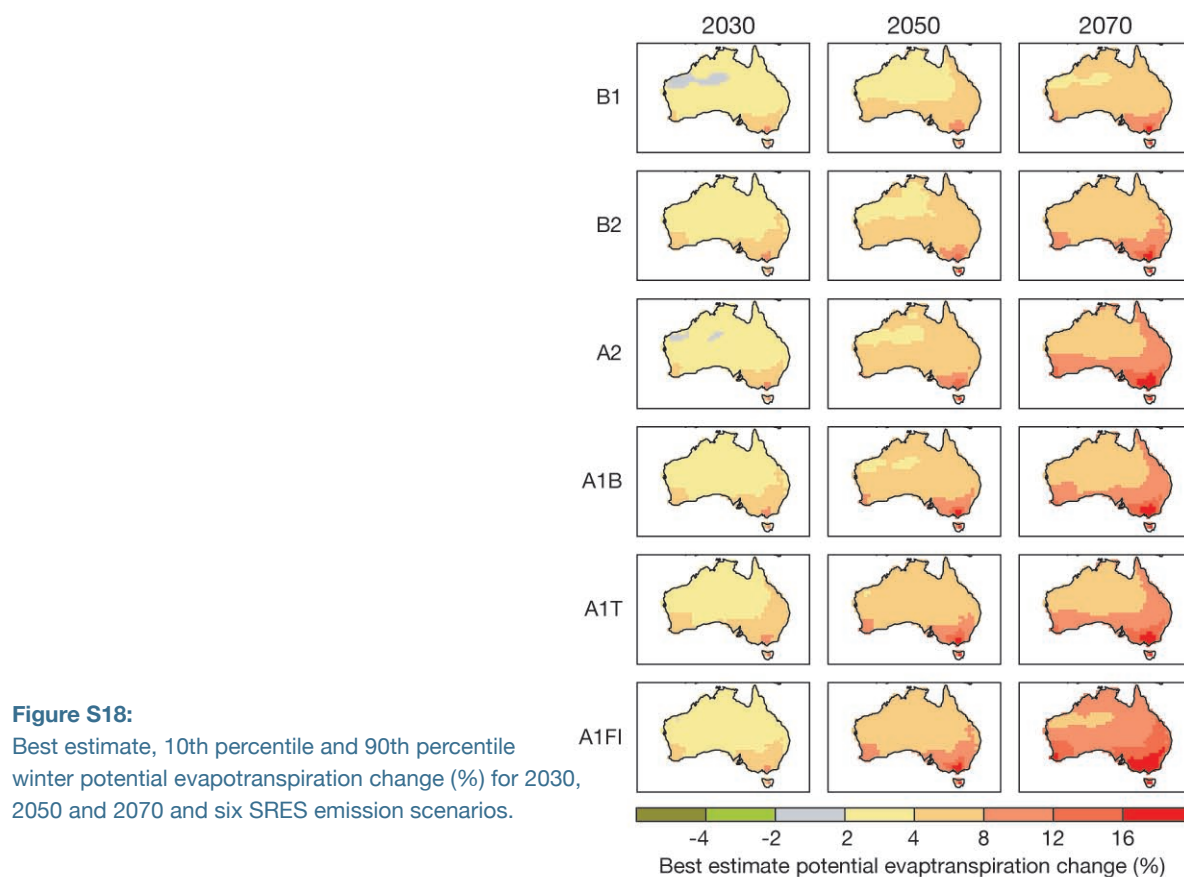


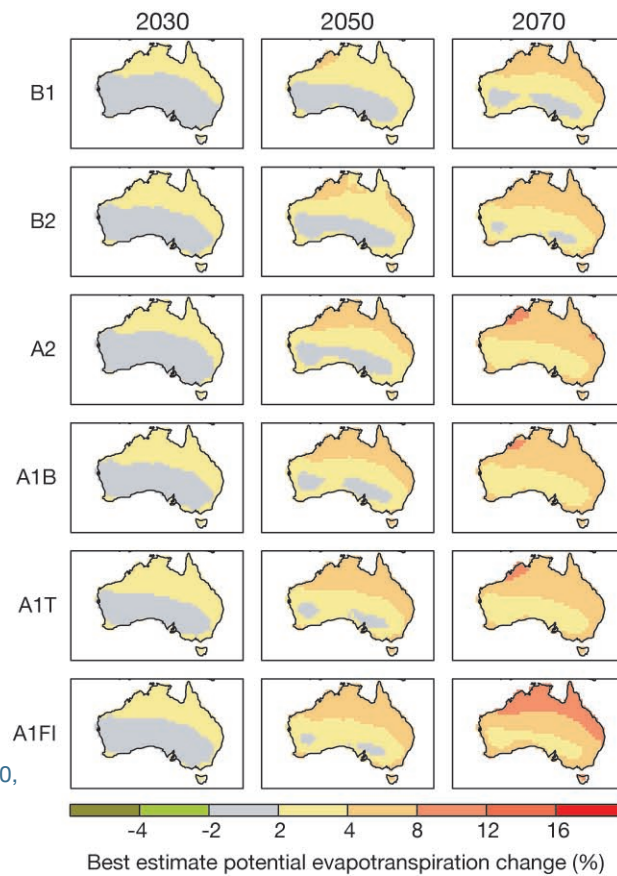


**Figure S17:**

Best estimate, 10th percentile and 90th percentile autumn potential evapotranspiration change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

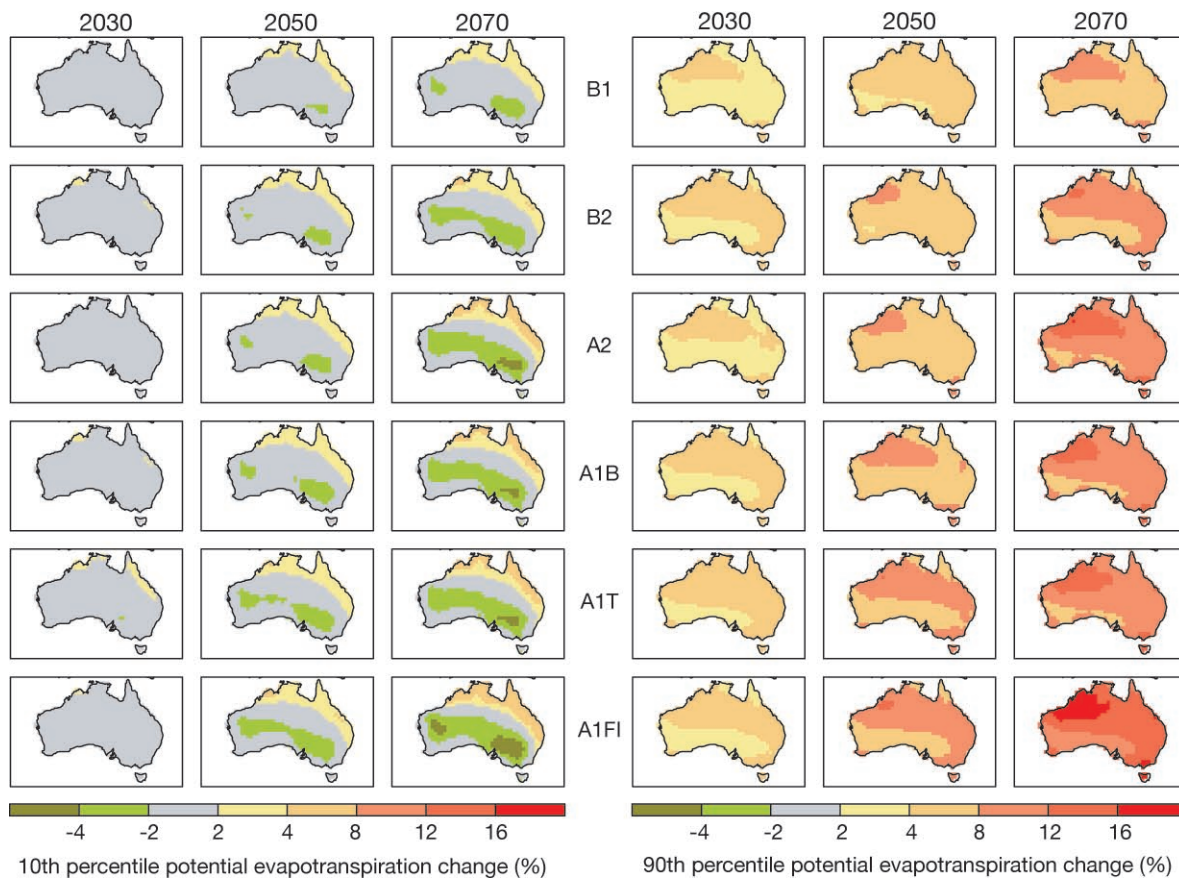






**Figure S19:**

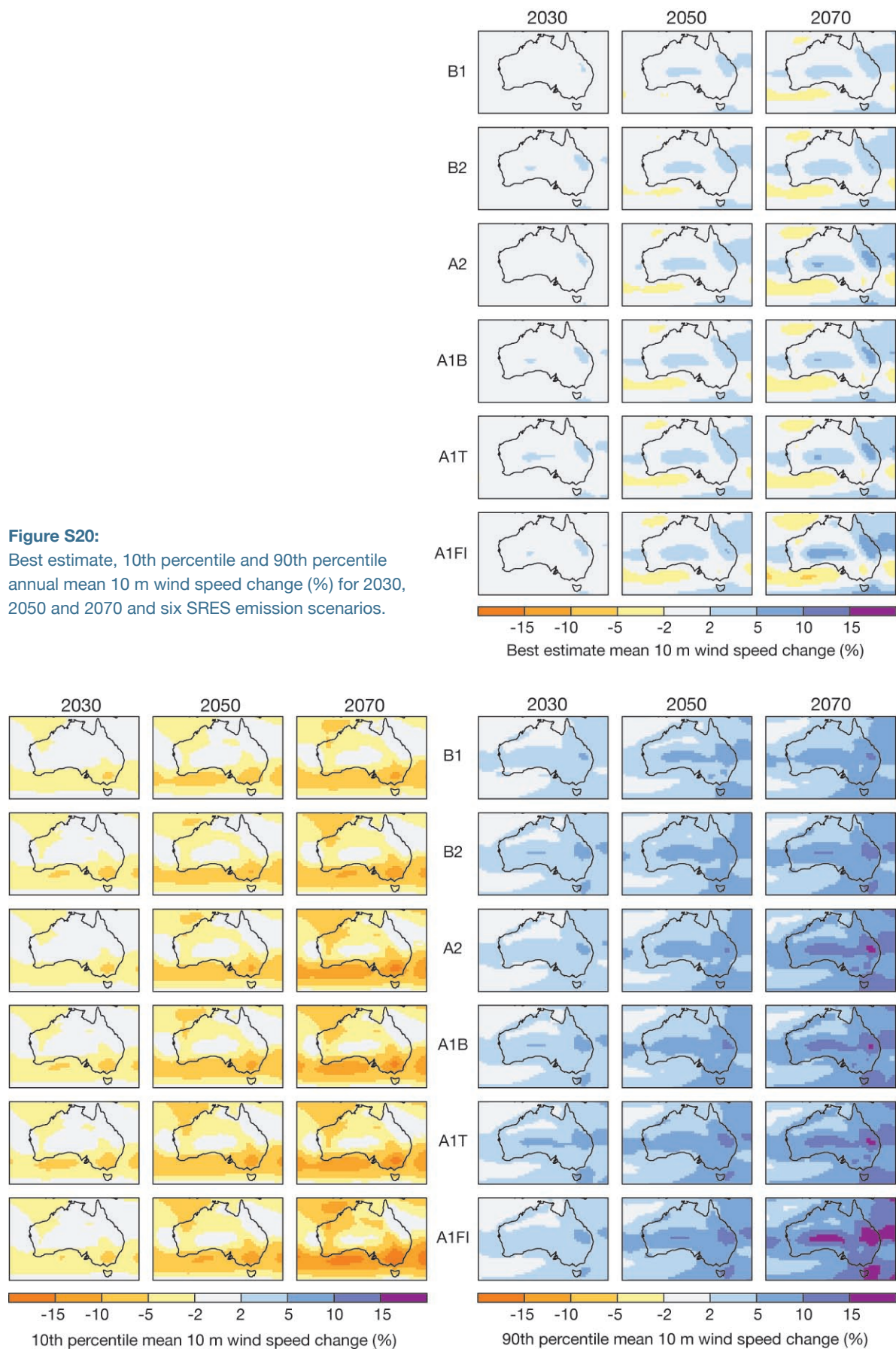
Best estimate, 10th percentile and 90th percentile spring potential evapotranspiration change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

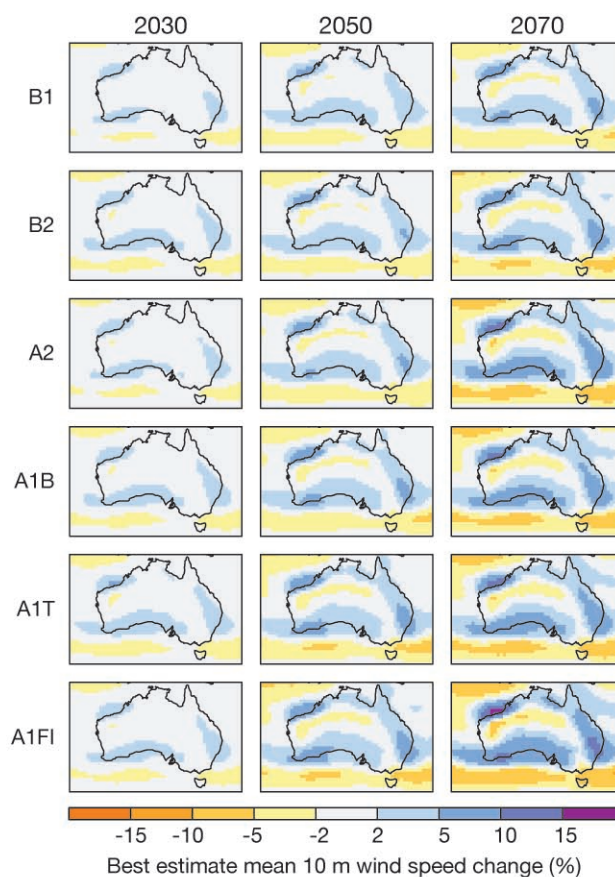




**Figure S20:**

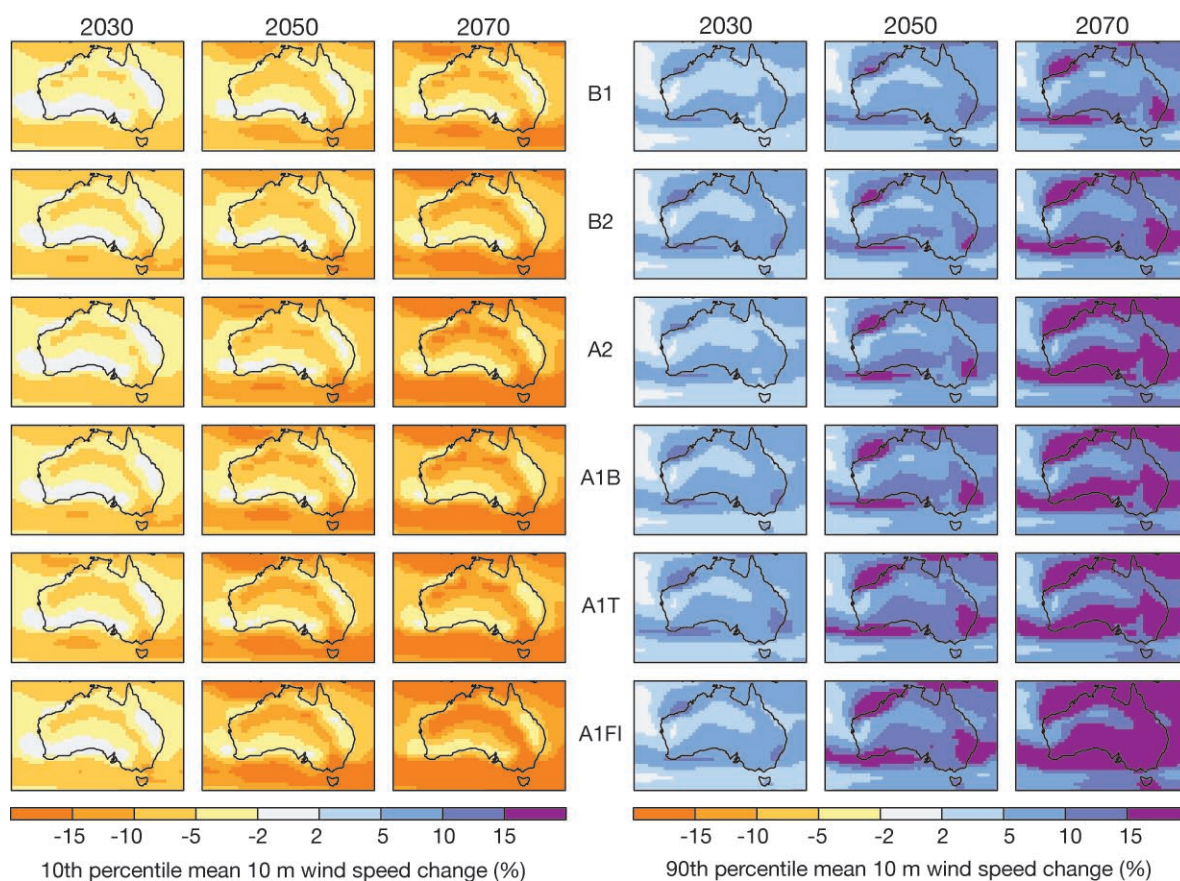
Best estimate, 10th percentile and 90th percentile annual mean 10 m wind speed change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.



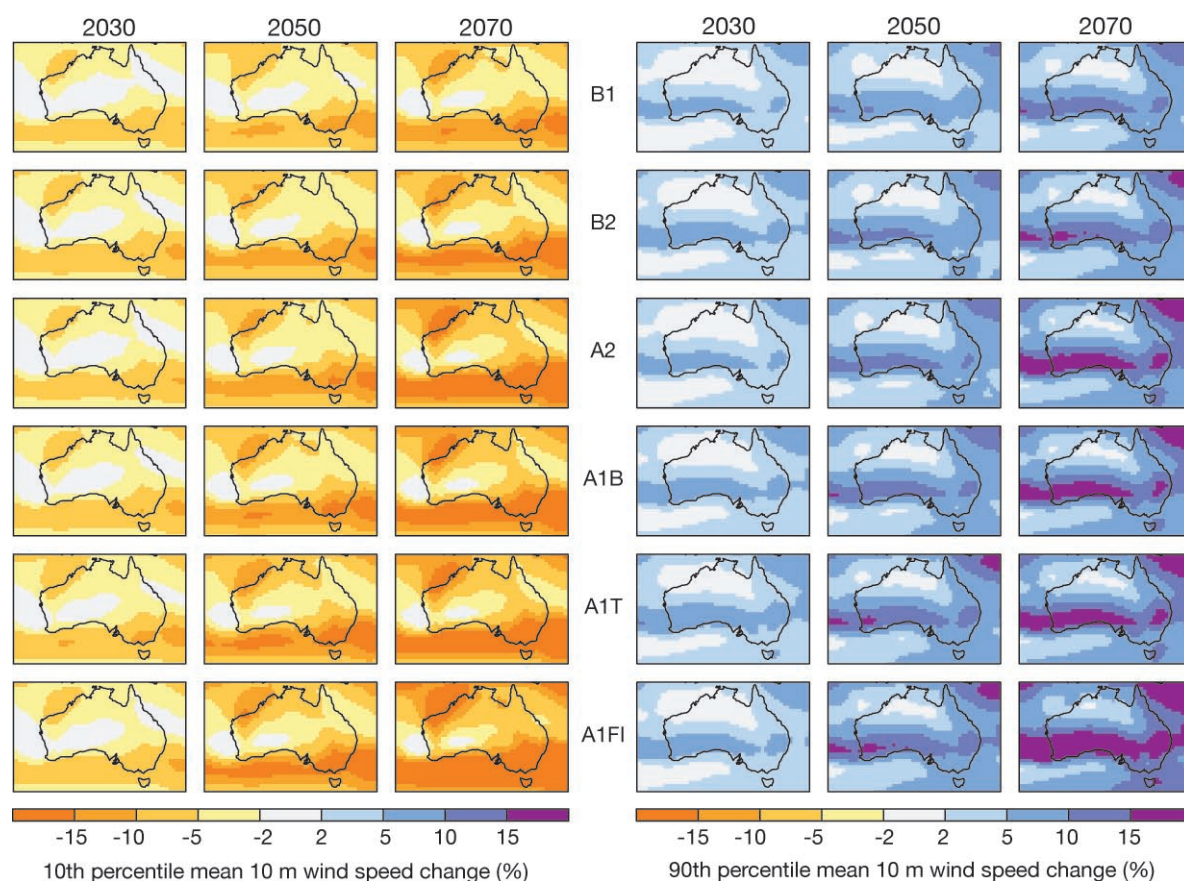
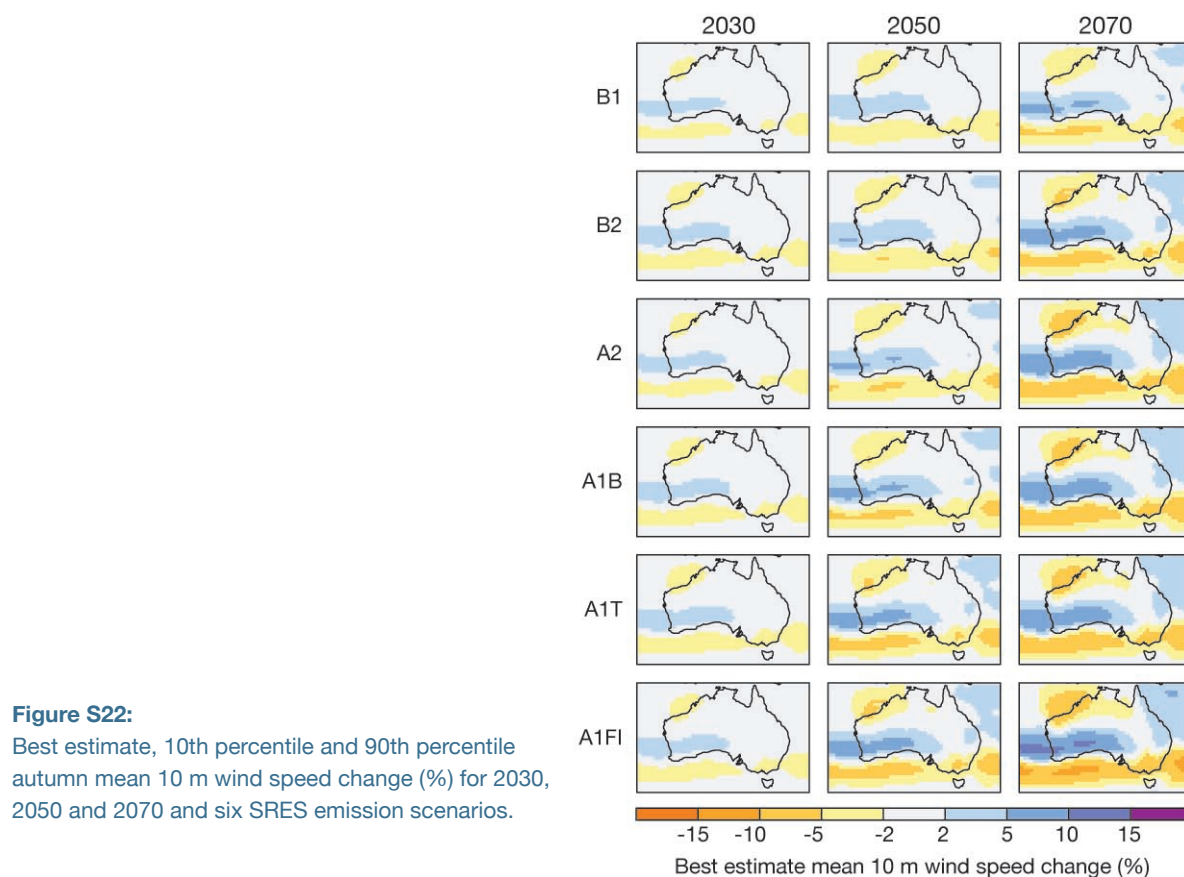


**Figure S21:**

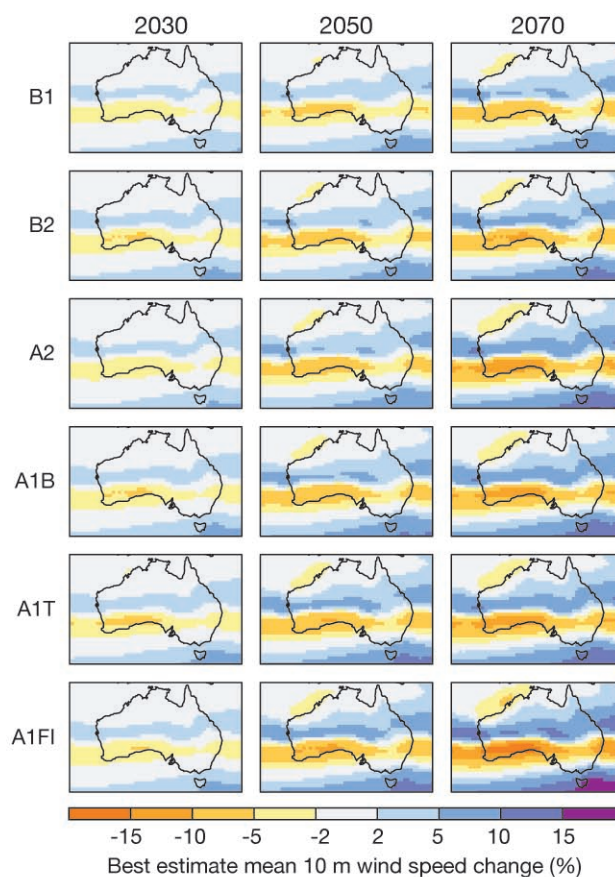
Best estimate, 10th percentile and 90th percentile summer mean 10 m wind speed change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.





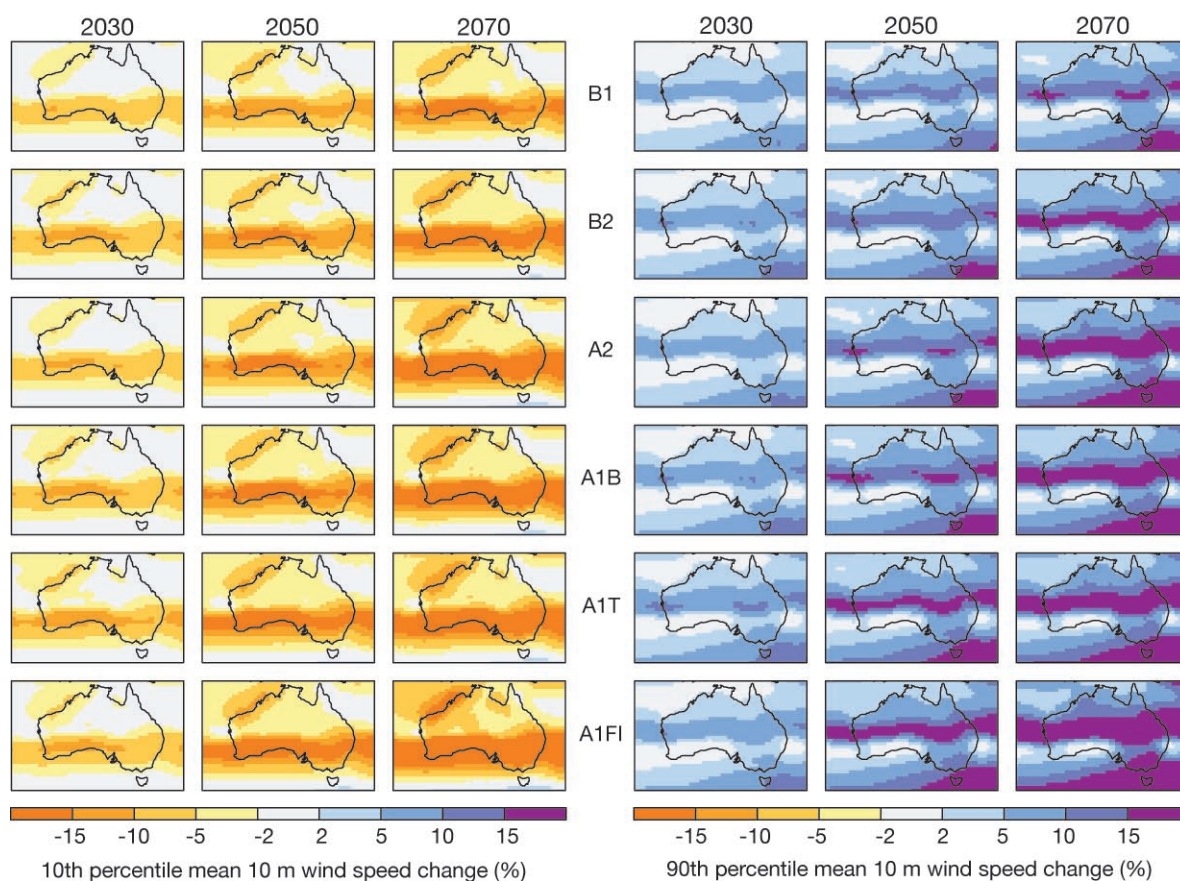






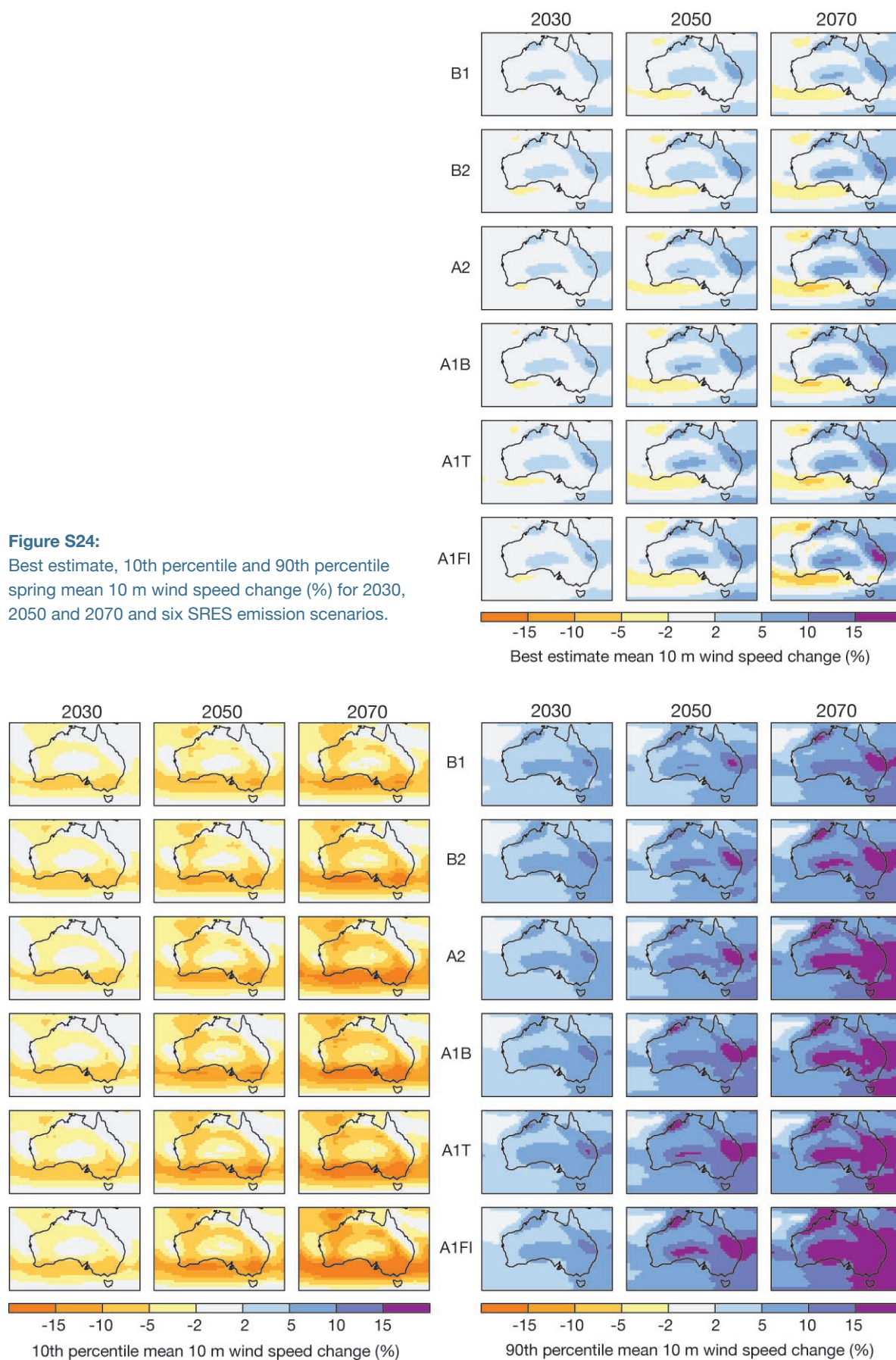
**Figure S23:**

Best estimate, 10th percentile and 90th percentile winter mean 10 m wind speed change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.



**Figure S24:**

Best estimate, 10th percentile and 90th percentile spring mean 10 m wind speed change (%) for 2030, 2050 and 2070 and six SRES emission scenarios.

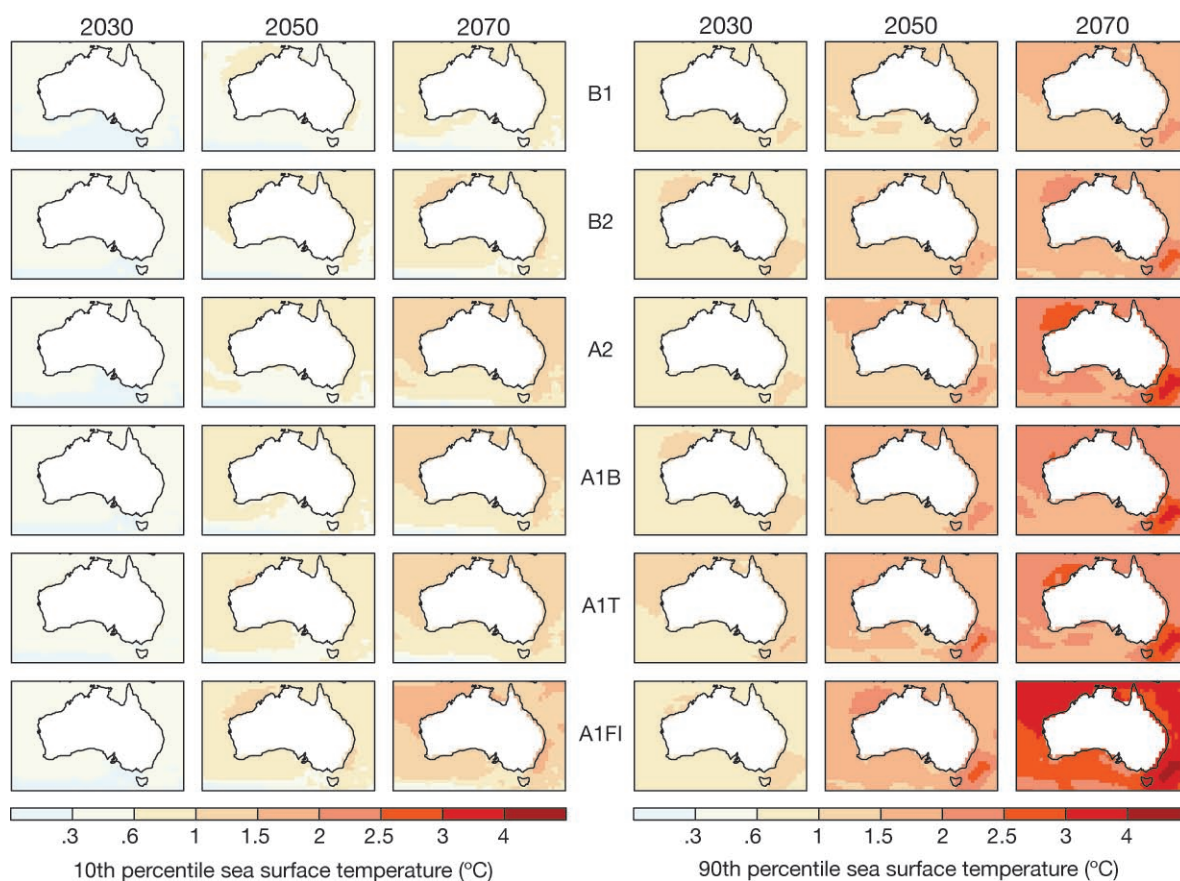






**Figure S25:**

Best estimate, 10th percentile and 90th percentile annual sea surface temperature change (°C) for 2030, 2050 and 2070 and six SRES emission scenarios.









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Department of the Environment and Water Resources  
Australian Greenhouse Office

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