



Implications of future climate trajectories on wildfire risk

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France-Australia Bushfire Science Workshop

Future climate assessment

Climate changes in southeast Australia

Key Processes

Forest fire switches

- High Confidence / Virtually Certain
- Medium Confidence
- Low Confidence

Climate changes in southeast Australia

Key Processes

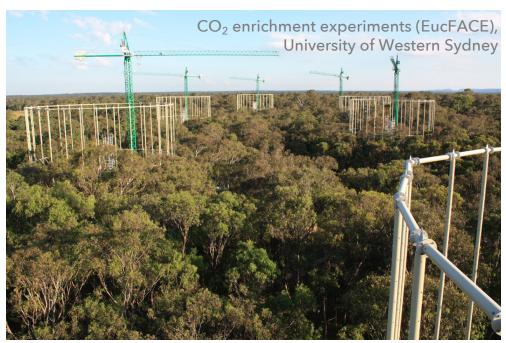
Forest fire switches

Rising CO₂

Uncertain changes in Eucalypt forest productivity

Changes in water use efficiency

Fuel load

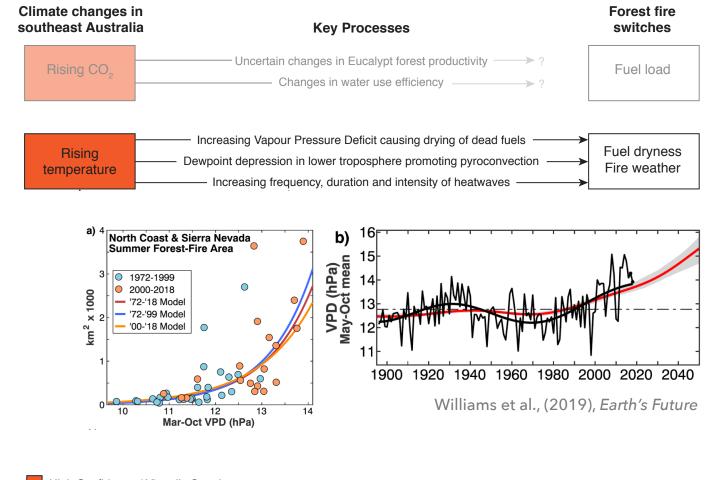


Jiang et al., (2020), Nature

High Confidence / Virtually Certain

Medium Confidence

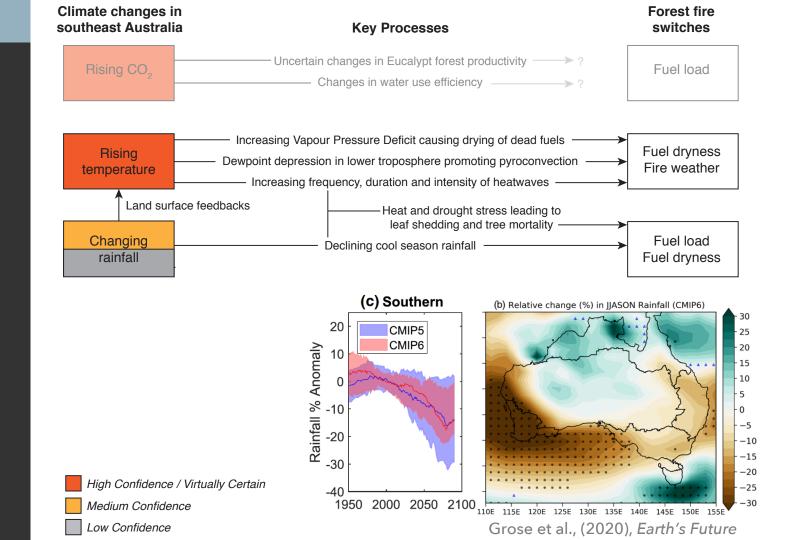
Low Confidence

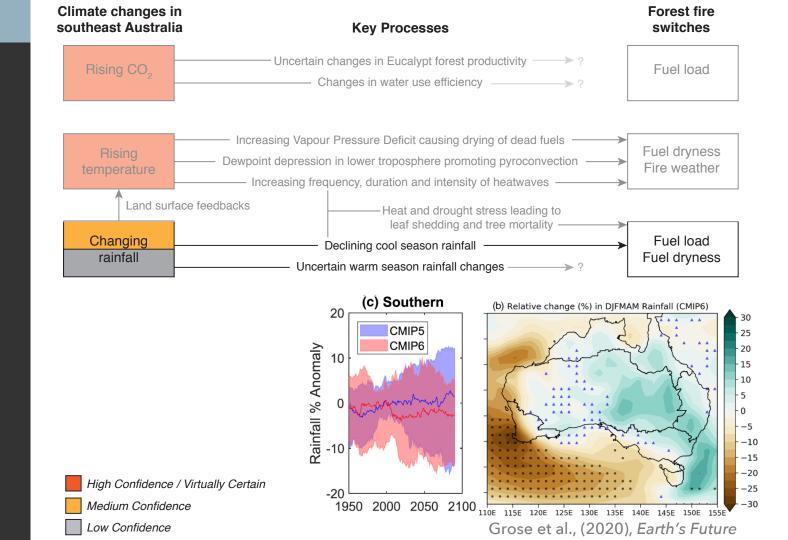


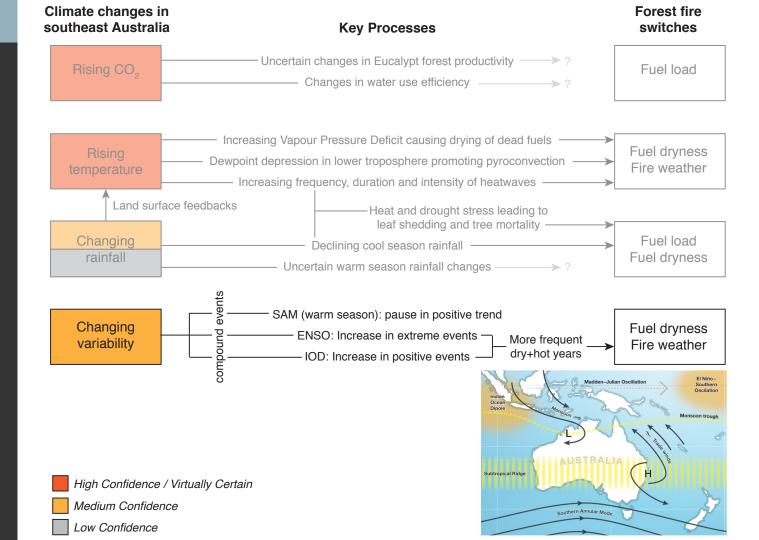
High Confidence / Virtually Certain

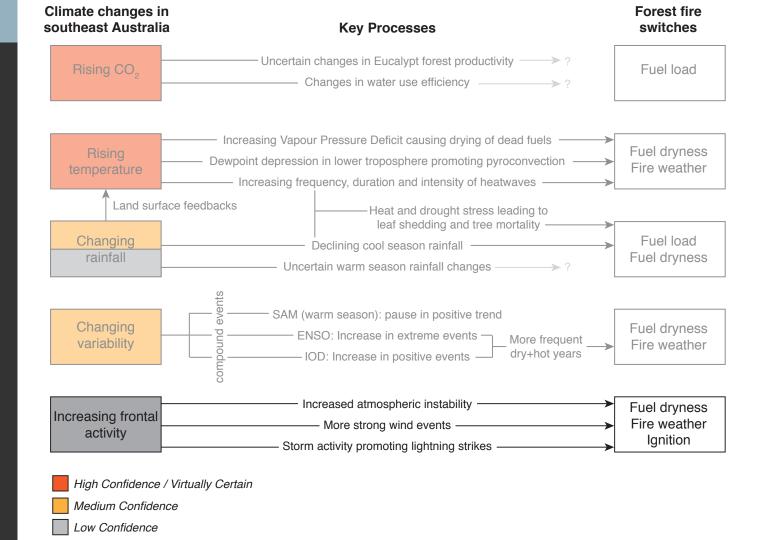
Medium Confidence

Low Confidence



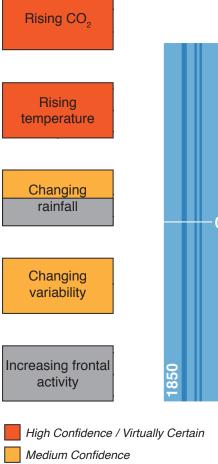






Climate changes in southeast Australia

Future climate choices



Low Confidence

