

The ARC Centre of Excellence for Climate Extremes (CLEX)

Andy Pitman



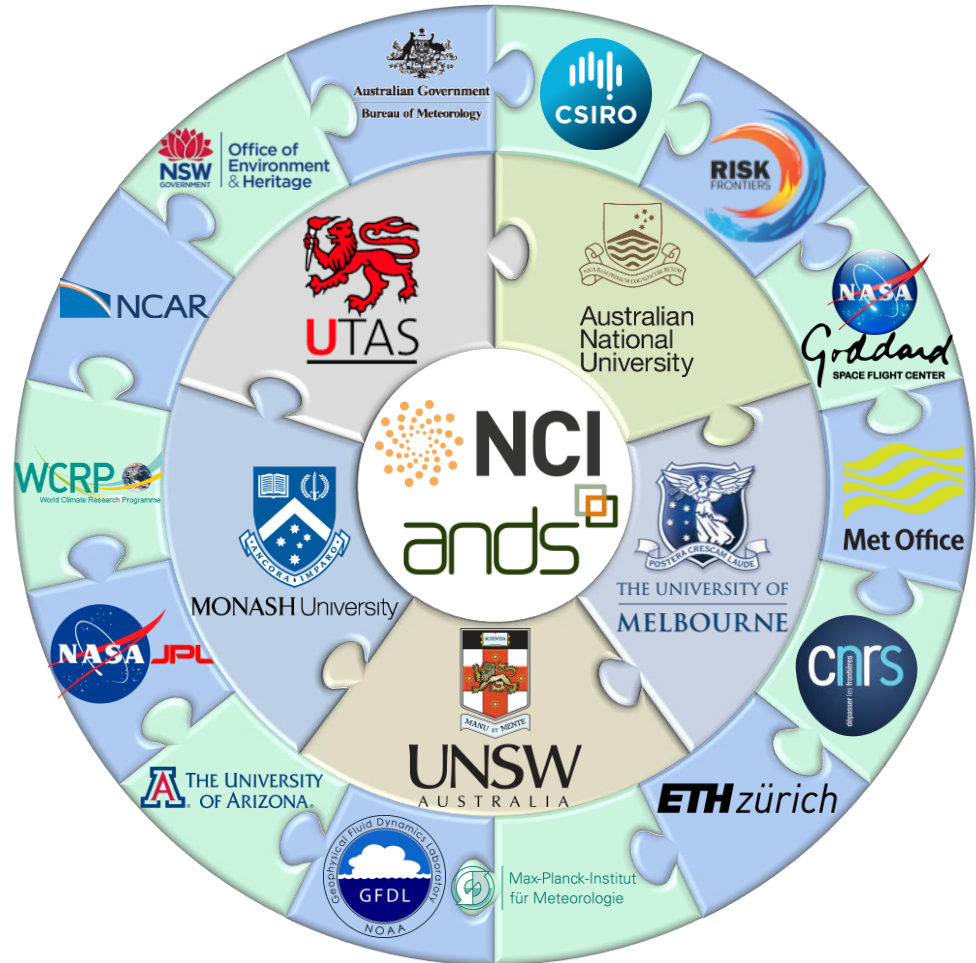
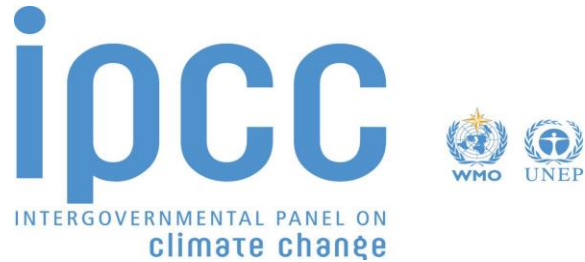


Overview

CLEX will be the world's first fully integrated centre focused on the understanding and prediction of climate extremes

- *Understand processes*
- *Translate* understanding into better *predictions*
- Use better prediction systems to *understand* extremes
- *Build* sustained bridges with stakeholders
- From August 2017 to July 2024

Linkages

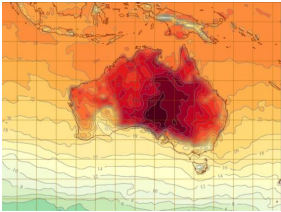


Our research programs

Rainfall



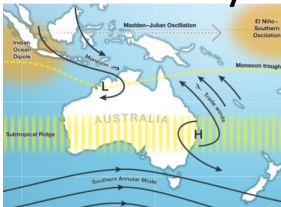
Heatwave



Drought



Variability

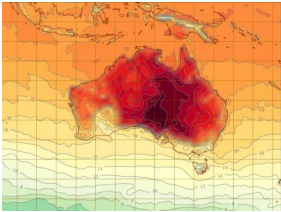


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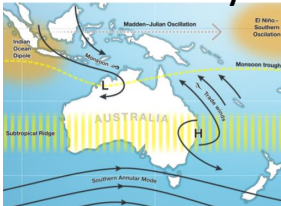
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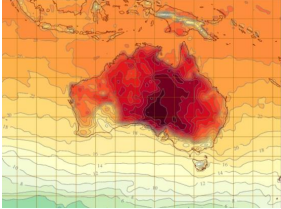


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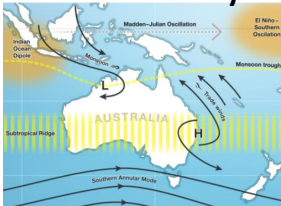
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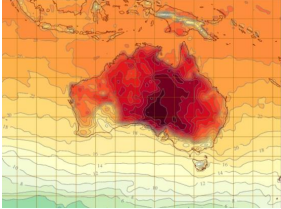


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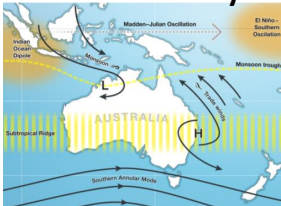
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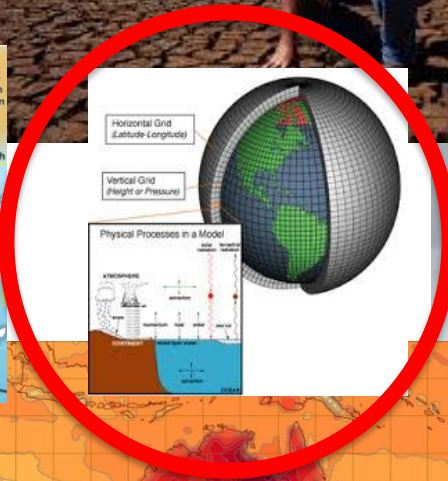
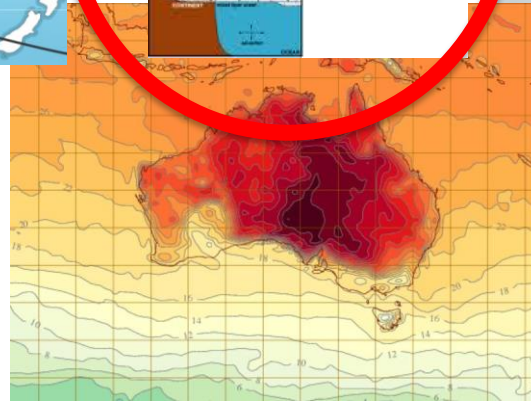
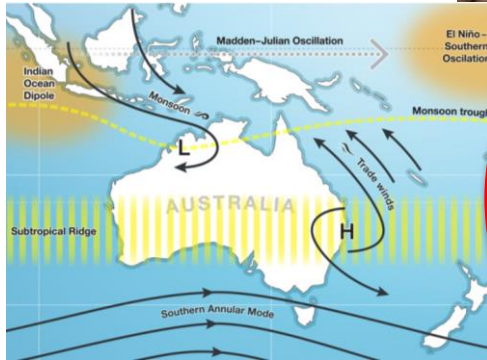
Drought



Variability



Our research programs



Centre of Excellence

Research

Inter-Centre collaboration, networking,
knowledge exchange, culture

Centre recognition and identity

Stakeholder and end-user engagement

Graduate Program

Computational Modelling Support

Communication and media impact

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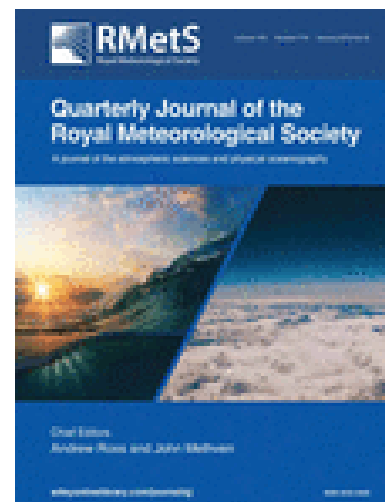
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Centre of “Excellence”

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www.climateextremes.org.au

Centre of Excellence

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Australian Government
Australian Research Council

Inter-Centre collaboration, networking,
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Office of
Environment
& Heritage



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Ramping up and next steps

- Existing steps
 - Hired all research fellows
 - Growing graduate program
 - Established Knowledge Broker Team

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