



On the relationships between Southern Hemisphere cyclones and climate modes

- Cyclones contribute to heat and momentum balances and climate modes usually dominate regional climate variability.
- Understanding relationships between the two may allow for better climate and cyclone predictions.
- PSA and Wave-3 over the entire Southern Hemisphere strongly correlate with cyclone radius and central pressure
- Most correlations are for climate modes leading cyclones by 1-4 months.
- Next move will be to add more certainty to the analysis.