

WET TROPICS



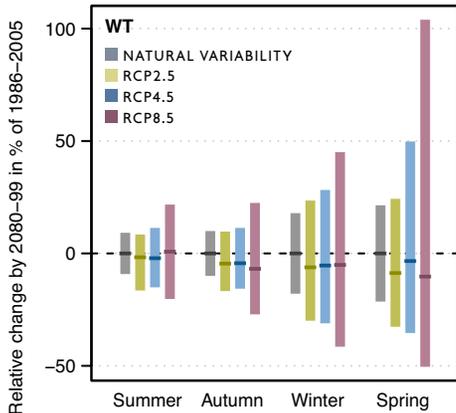
PROJECTIONS FOR AUSTRALIA'S NRM REGIONS



Australian Government
Department of the Environment
Bureau of Meteorology



FIGURE 3: PROJECTED RAINFALL DIFFERENCES (PER CENT) FOR THREE RCPs FOR THE WET TROPICS FOR 20 YEARS CENTRED ON 2090 (2080–2099 PERIOD) COMPARED TO 1986–2005. BARS INDICATE THE 10TH TO 90TH PERCENTILE RANGE OF MODEL RESULTS. THE HORIZONTAL LINE INDICATES THE MEDIAN.



REPRESENTATIVE CONCENTRATION PATHWAYS

- Future changes in greenhouse gases, aerosols (suspended particles in the atmosphere) and land use depend on human behaviour.
- The scientific community defined a set of four scenarios, called Representative Concentration Pathways (RCPs) for the *Fifth Assessment Report* of the Intergovernmental Panel on Climate Change.
- The RCPs reflect plausible trajectories of future greenhouse gas and aerosol concentrations to the year 2100 and represent a range of economic, technological, demographic, policy, and institutional futures.
- Climate projections are available from model simulations using four RCPs: RCP8.5 (high emissions), RCP6.0 and RCP4.5 (intermediate scenarios resulting from moderate emissions reduction, with differing timing of peak emissions) and RCP2.6 (low emissions; ambitious and sustained global emissions reduction). RCPs are named in accordance with the level of influence these gases have on the Earth’s energy balance.
- Not every combination of RCP and climate variable is available for all GCMs in the projections presented here.
- Projections for RCP6.0 are not presented in this brochure, but are available on the website.