**Albury - Wodonga Analogue Poster – (text to accompany pdf poster)**

**Title: What might Albury - Wodonga’s climate be like in 2030, 2050 & 2090?**

**Map:** showing the general location of Albury-Wodonga and the location of three possible analogue towns that have similar climates to that which is projected for Albury-Wodonga in 2030, 2050 and 2090. The map also shows the average annual maximum temperature gradient range from southern Victoria to northern New South Wales to illustrate the increase in temperature heading north and inland.



**Text:** Climate Analogues explore what the future climate could be like for a given location. These analogue localities have been developed using the [Analogues Explorer Tool](https://www.climatechangeinaustralia.gov.au/en/climate-projections/climate-analogues/analogues-explorer/) from the CSIRO’s [Climate Change in Australia](https://www.climatechangeinaustralia.gov.au/en/climate-projections/climate-analogues/analogues-explorer/). This tool matches the proposed future climate of a region with the current climate experienced in another region using average annual rainfall and average annual maximum temperature (within set tolerances). They were developed using the maximum consensus of models (based on [CMIP5](https://www.climatechangeinaustralia.gov.au/en/climate-projections/about/new-generation-modelling/)) for the high greenhouse gas emissions scenario, ([RCP 8.5](https://www.climatechangeinaustralia.gov.au/en/climate-campus/modelling-and-projections/projecting-future-climate/greenhouse-gas-scenarios/)). NOTE: These analogues have been further refined to align with projected seasonal changes based on Model CESM1-CAM5 which was selected by John Clarke, CSIRO Climate Science Centre, as the most representative model. This assumes a slight rainfall increase to 2030, later declining across the Murray Basin Region and an average temperature increase of 4.83C0 by 2090, based on data from the [Climate Futures Tool](https://www.climatechangeinaustralia.gov.au/en/climate-projections/climate-futures-tool/introduction-climate-futures/). NOTE: The analogue towns selected for Albury-Wodonga are focussed primarily around projected temperature change rather than projected rainfall.



**Table** showing current and projected seasonal and annual mean maximum temperature and mean rainfall for Albury-Wodonga, both currently, and as projected by CSIRO for Albury-Wodonga in 2030, 2050 and 2090. These projected temperatures and rainfalls are similar to the current average seasonal temperatures and rainfall analogue towns of Cootamundra (2030), Parkes (2050) and Coonamble (2090). The current average seasonal temperatures and rainfall for each of those towns are shown alongside those projected for Albury-Wodonga in the table.

**Note**: More information on how analogues can be used to visualise the future can be found in the document: ‘Climate Analogues for NRM in Victoria: How might your town/region look in the future?’