

Extreme climatic events to intensify in the Lake Victoria Basin under global warming **Supplementary information**

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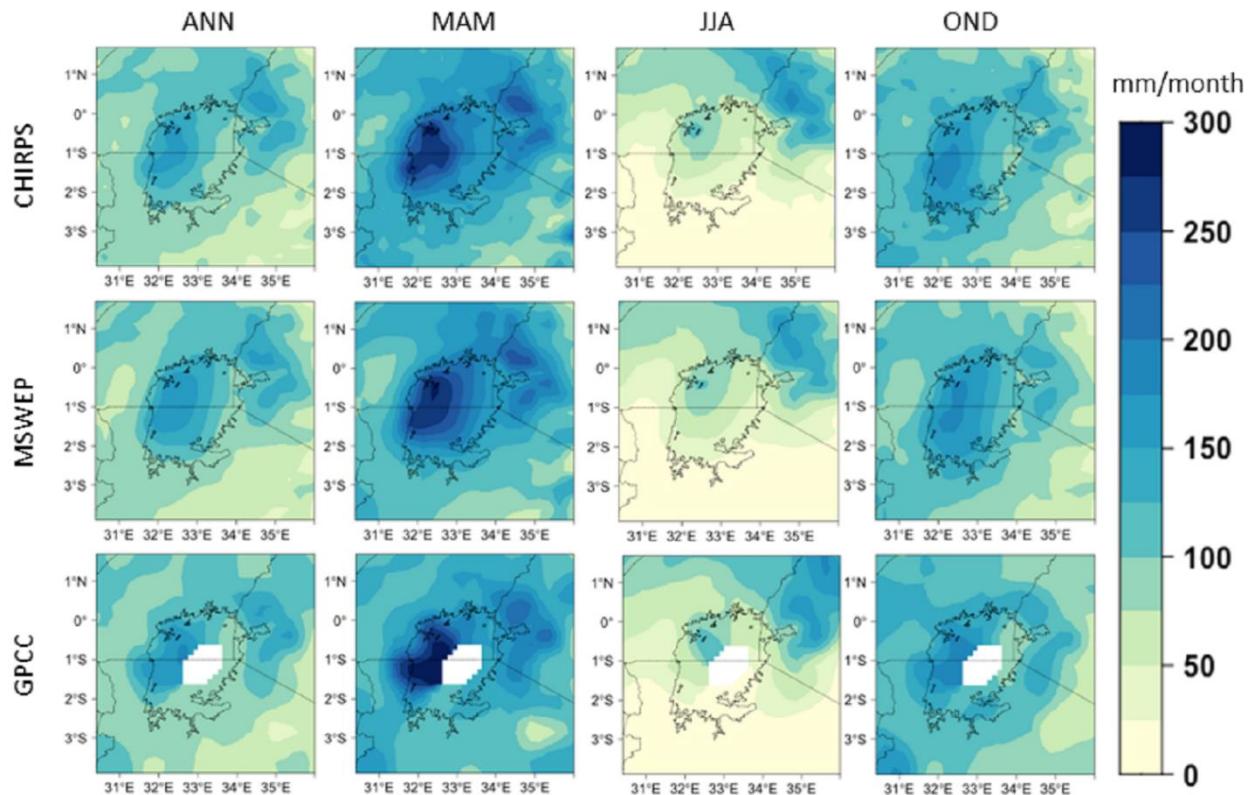


Fig. S 1: Climatology of the study domain for the period 1985-2014

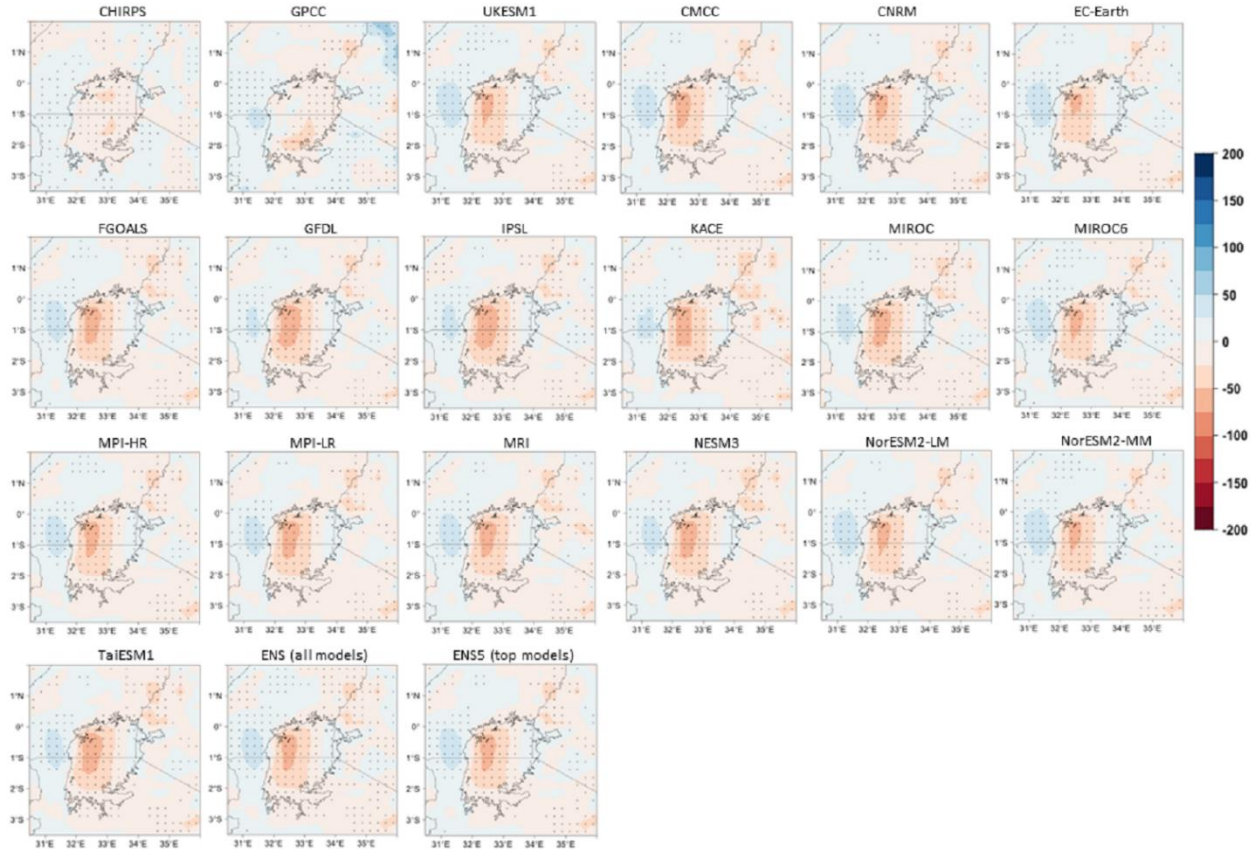


Fig. S 2: Annual (ANN) climatology differences between model data and MSWEP data, for the period 1985-2014. Stippling shows significant values at 99% confidence level. All units are in mm/month

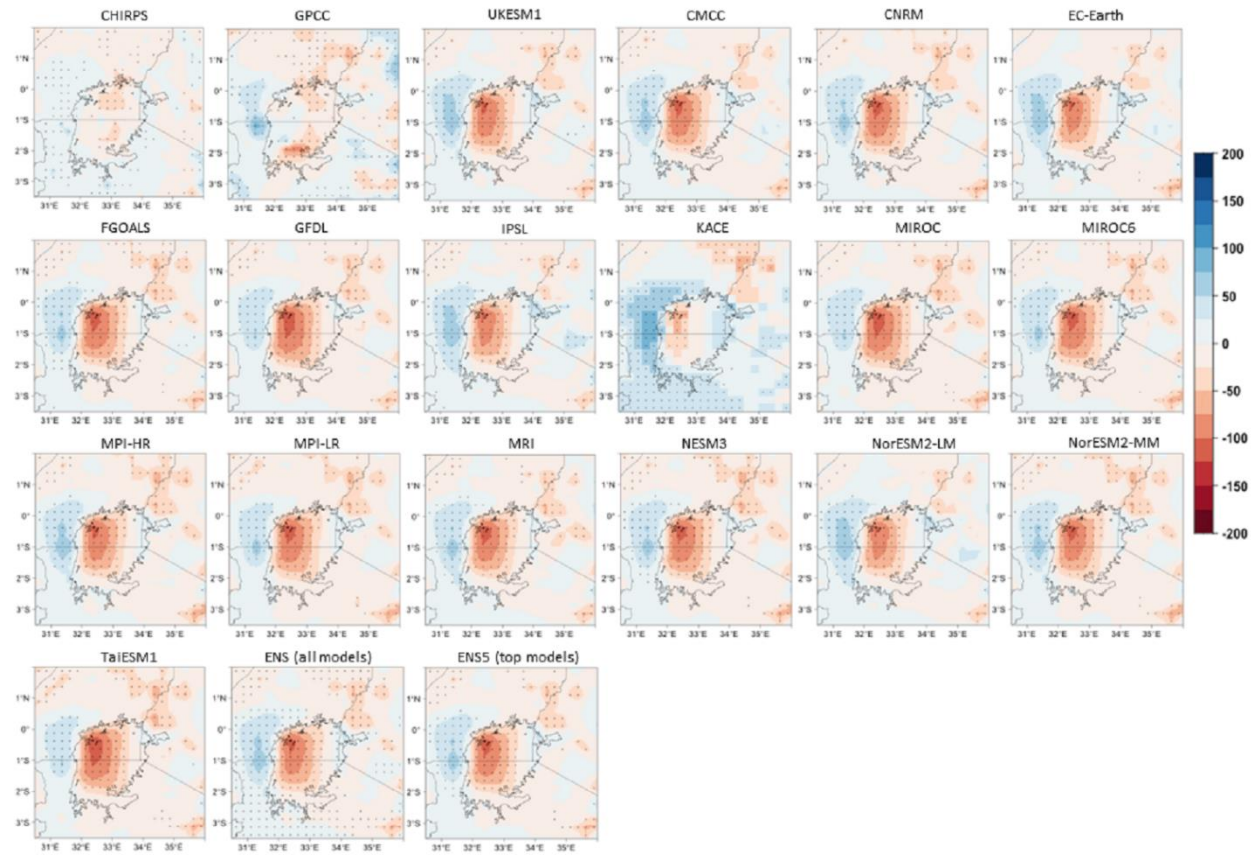


Fig. S 3: As in Fig. S 2 but for MAM

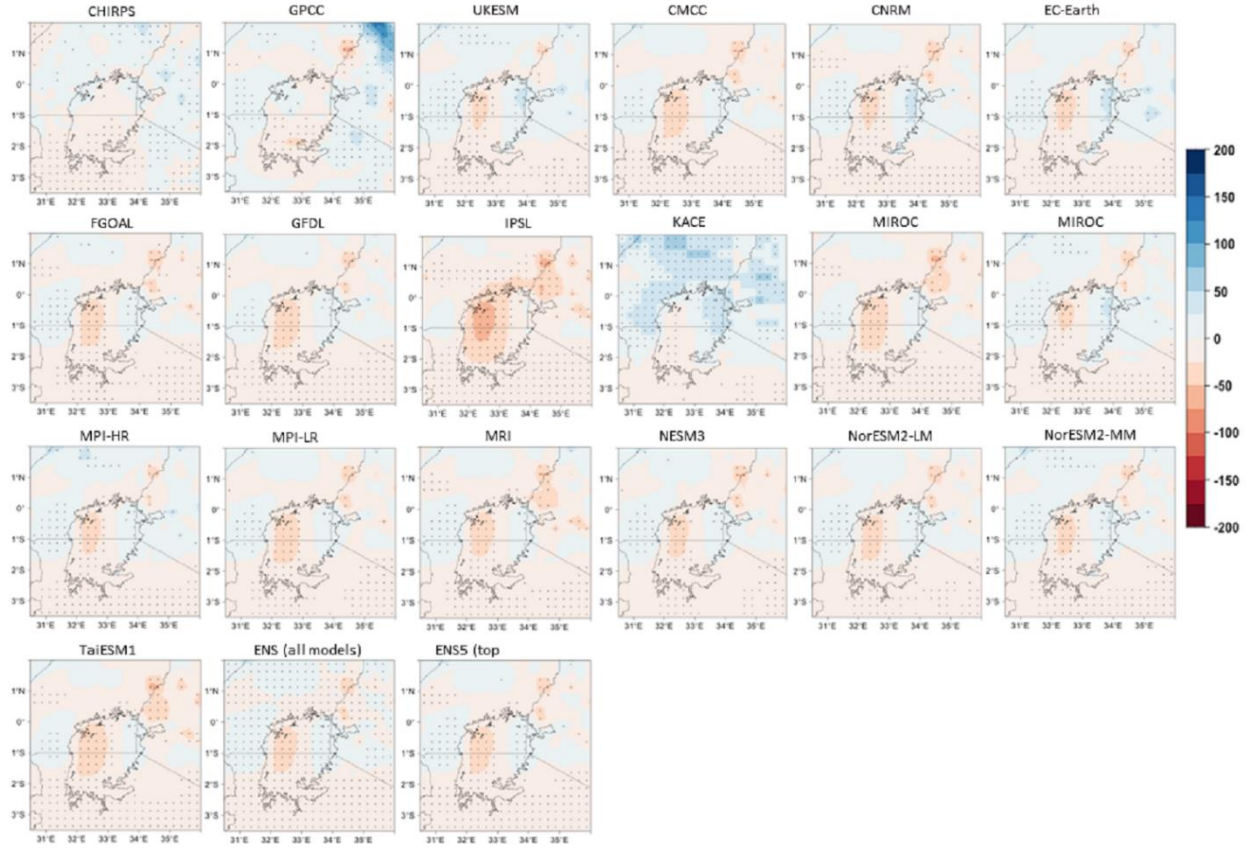


Fig. S 4: As in Fig. S 2 but for JJA

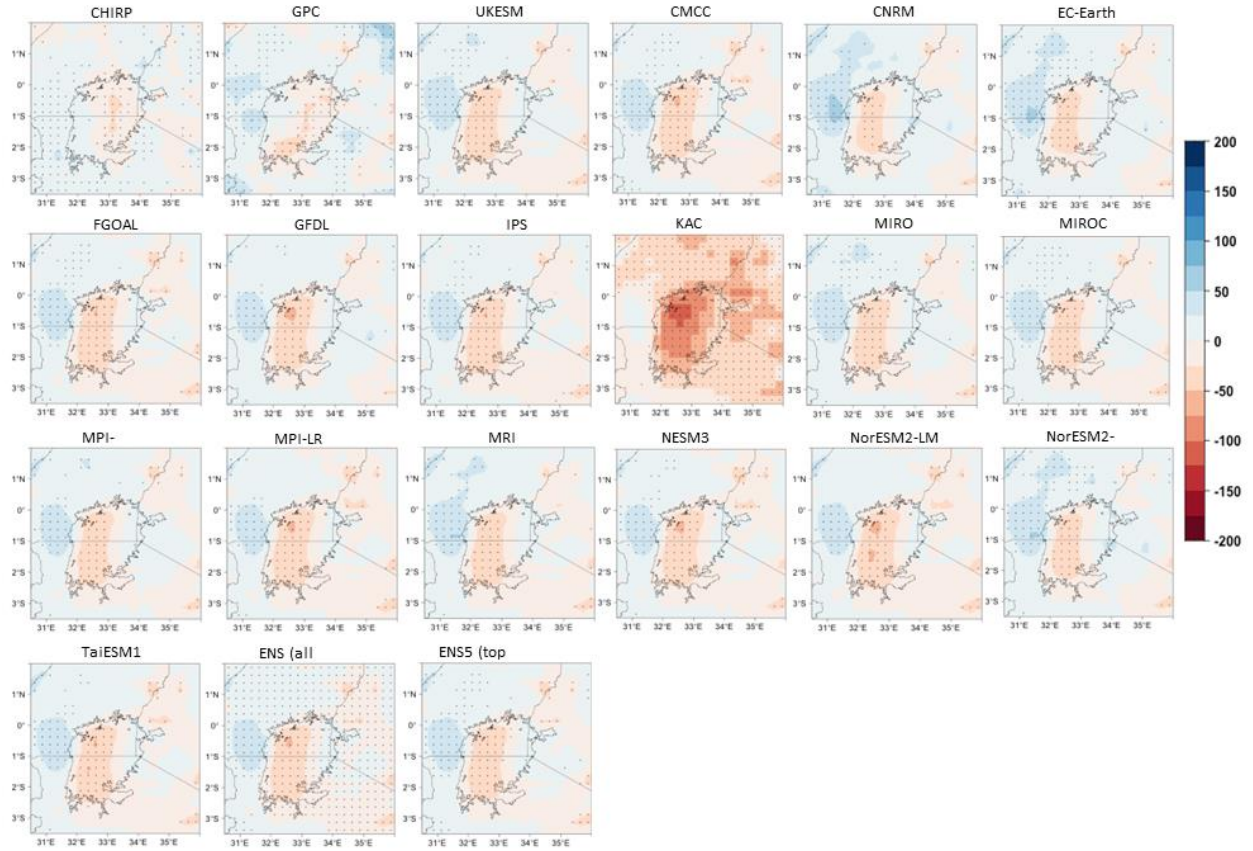


Fig. S 5: As in Fig. S 2 but for OND

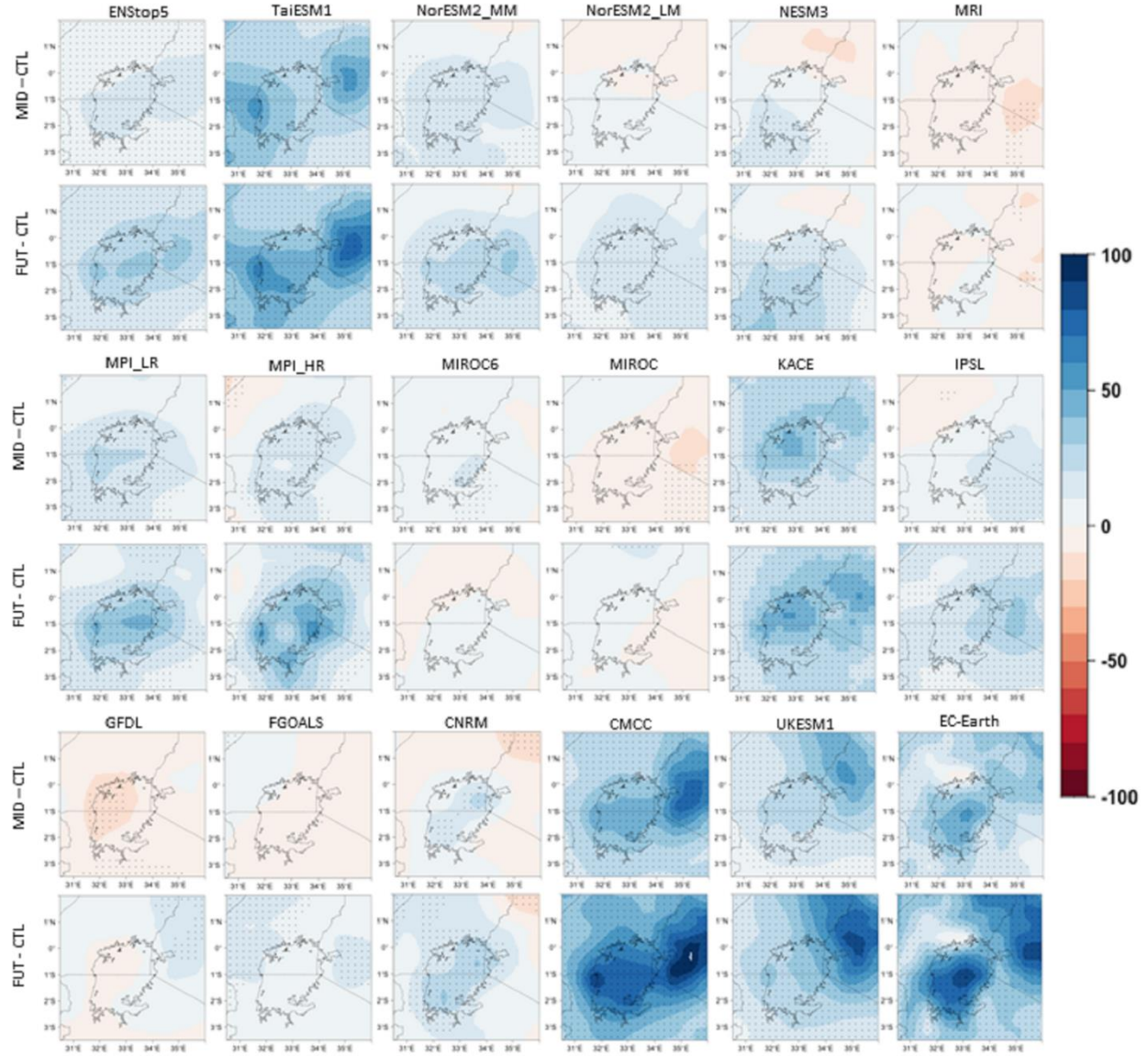


Fig. S 6: Changes in mean annual (ANN) precipitation climatology for the period 2040-2069 (MID-CTL) and 2070-2099 (FUT-CTL) relative to the 1985-2014 period (CTL), for all models and an ensemble mean for the top-five models identified in subsection 3.1 (ENStop5). Stippling shows significant values (at 99% confidence level). All units are in mm/month

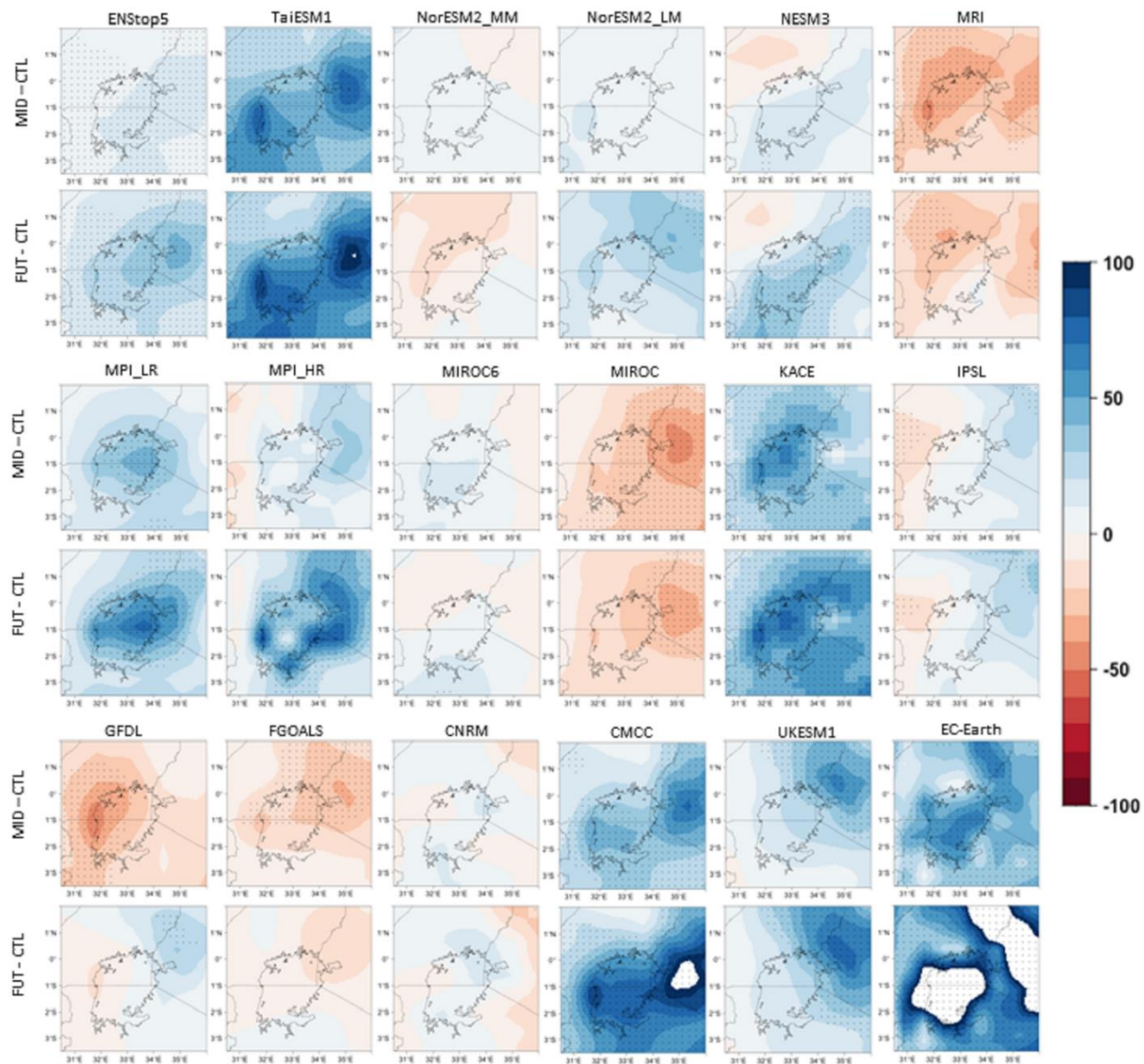


Fig. S 7: As in Fig. S 6 but for MAM

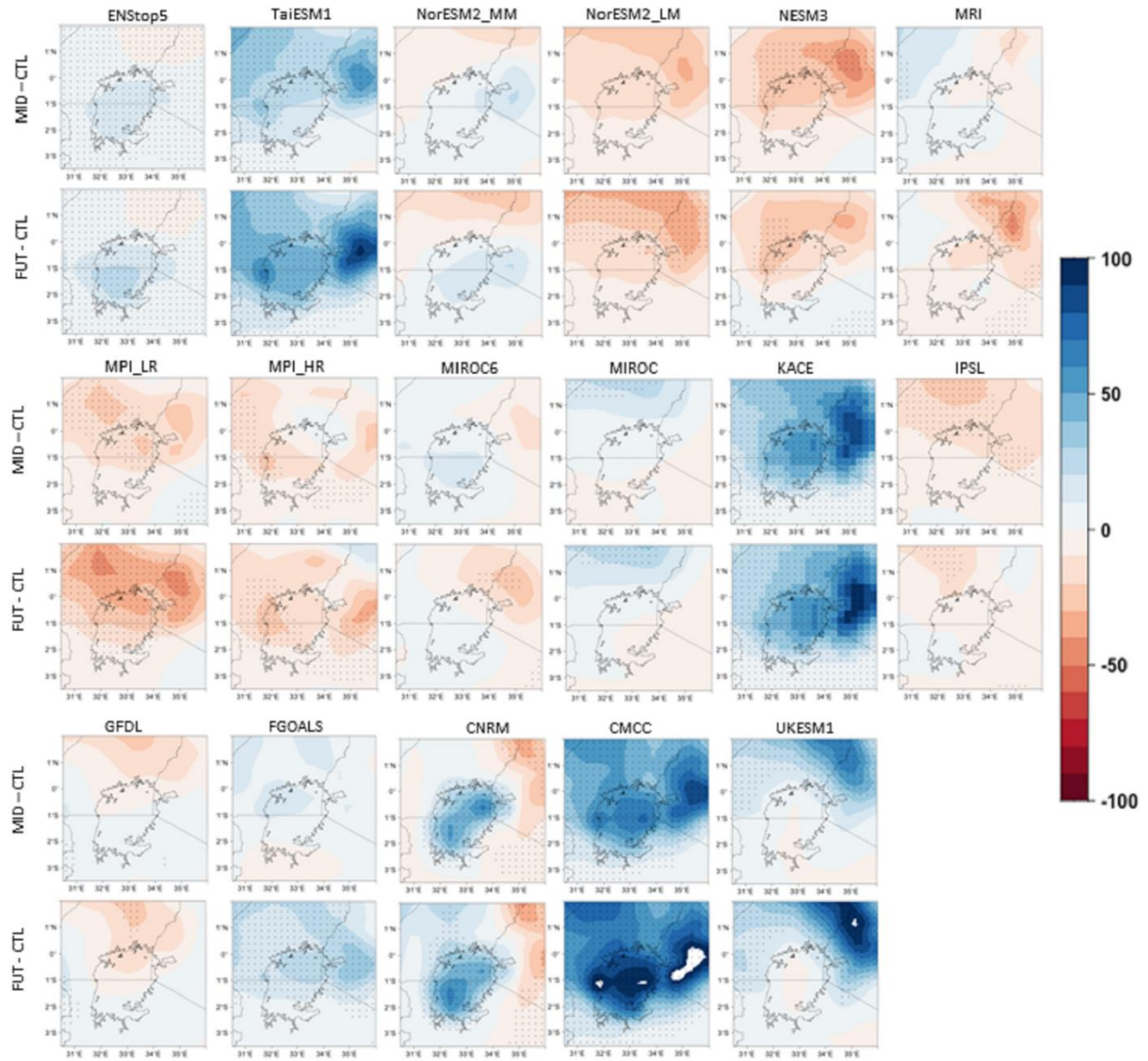


Fig. S 8: As in Fig. S 6 but for JJA

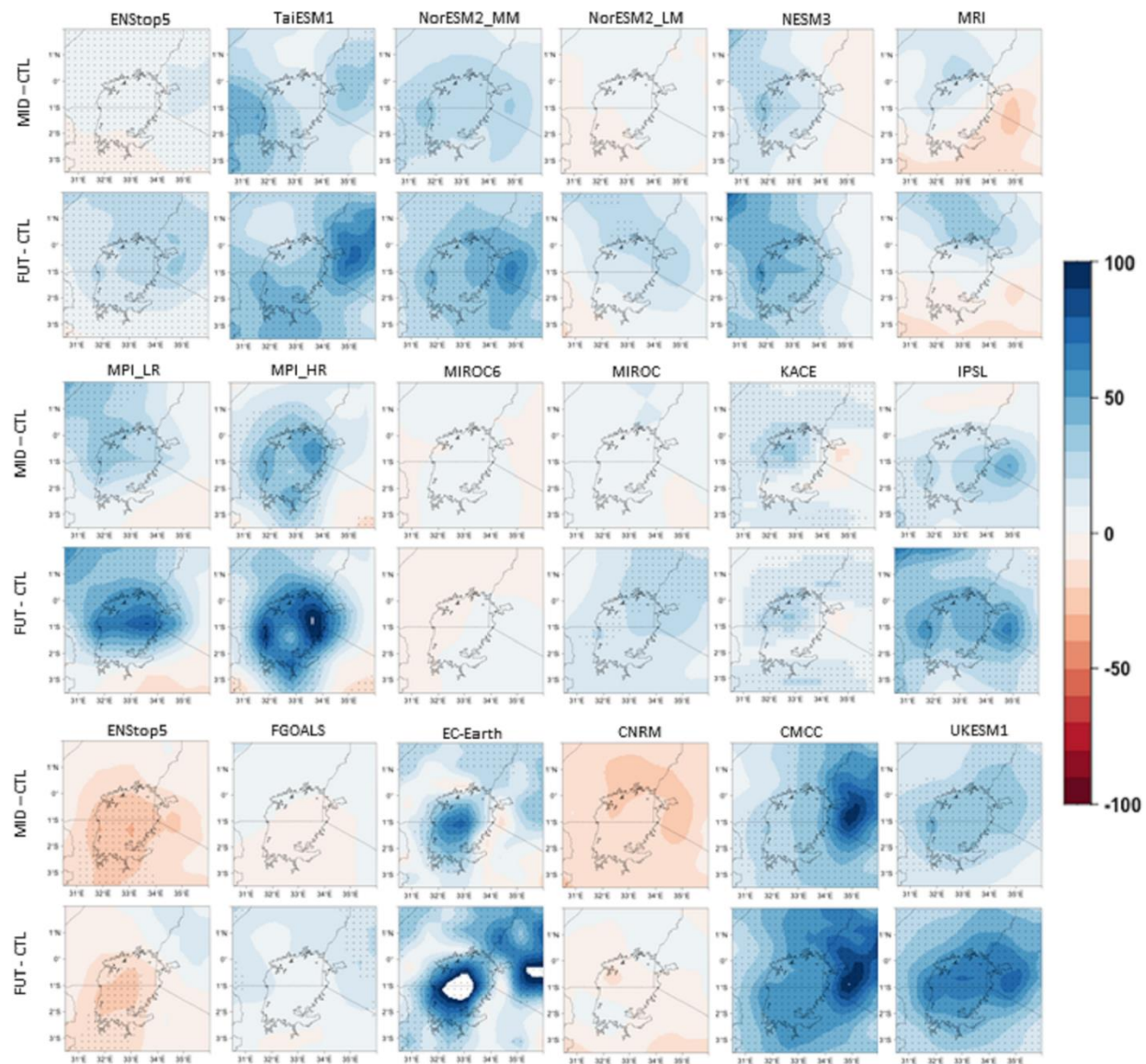


Fig. S 9: As in Fig. S 6 but for OND

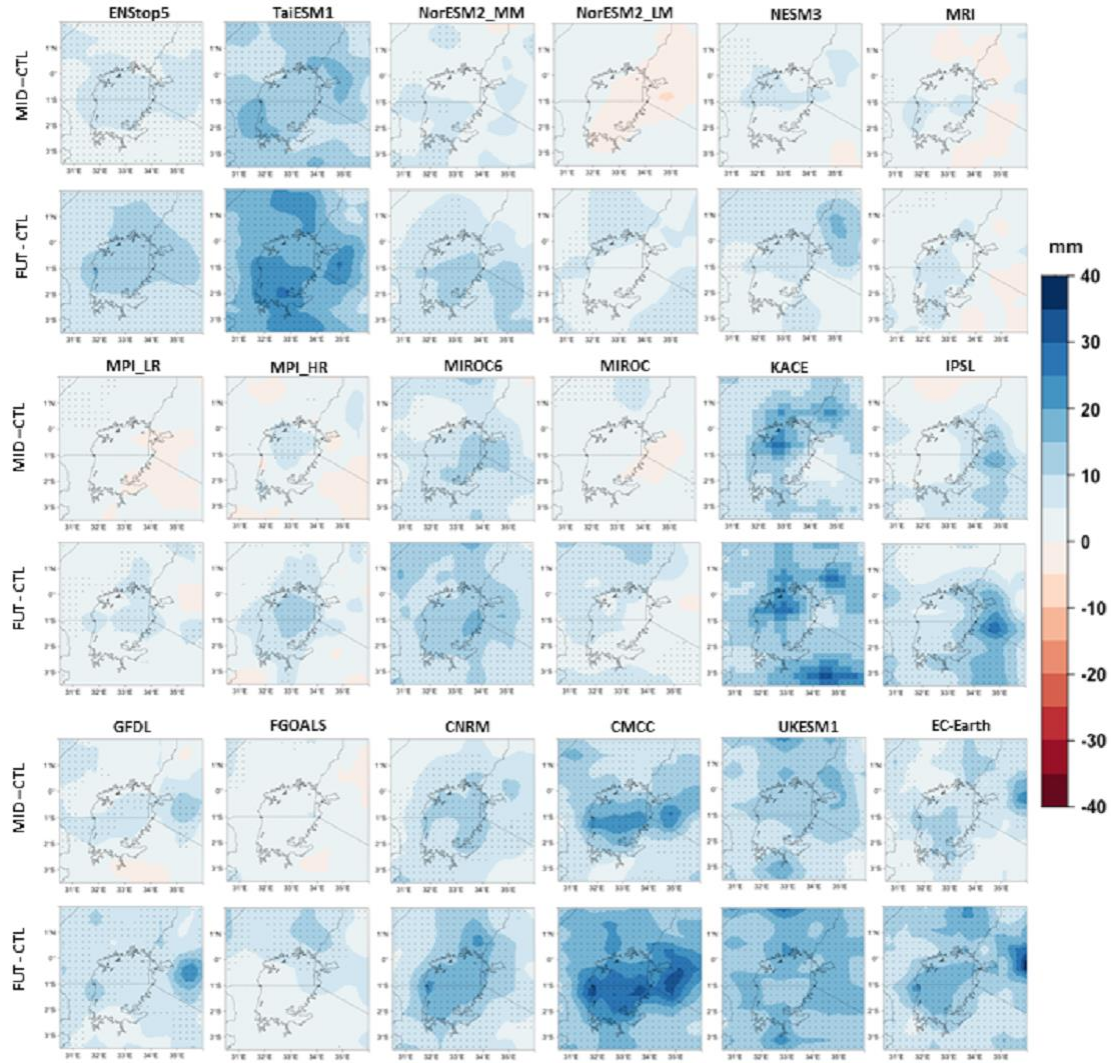


Fig. S 10: Changes in the maximum 5-day precipitation (Rx5day) climatology for the period 2040-2069 (MID-CTL) and 2070-2099 (FUT-CTL) relative to the 1985-2014 period (CTL), for all models and an ensemble mean for the top-five models (ENStop5). Stippling shows significant values at 99% confidence level. All units are in mm

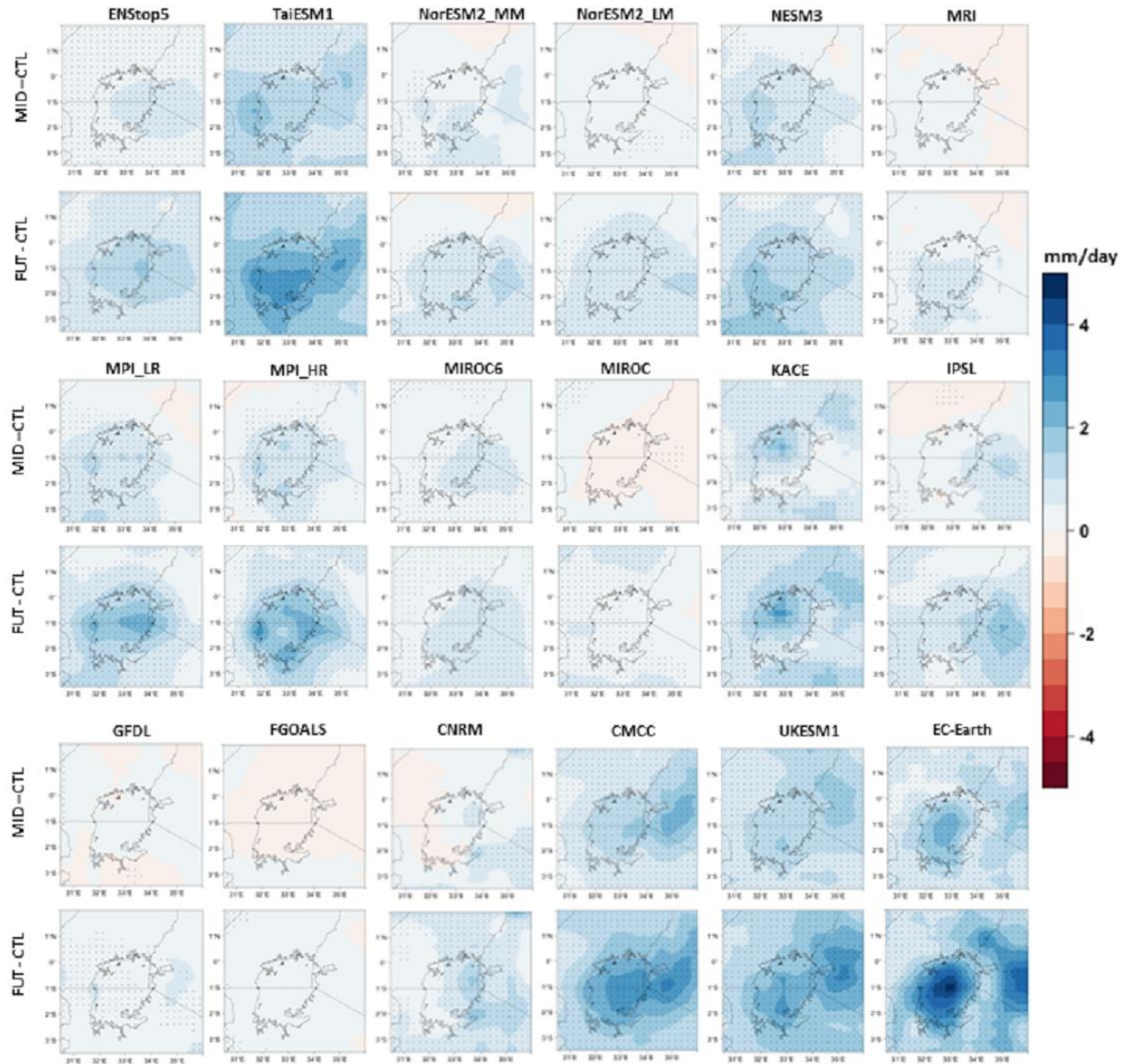


Fig. S 11: As in Fig. S 10 but for SDII

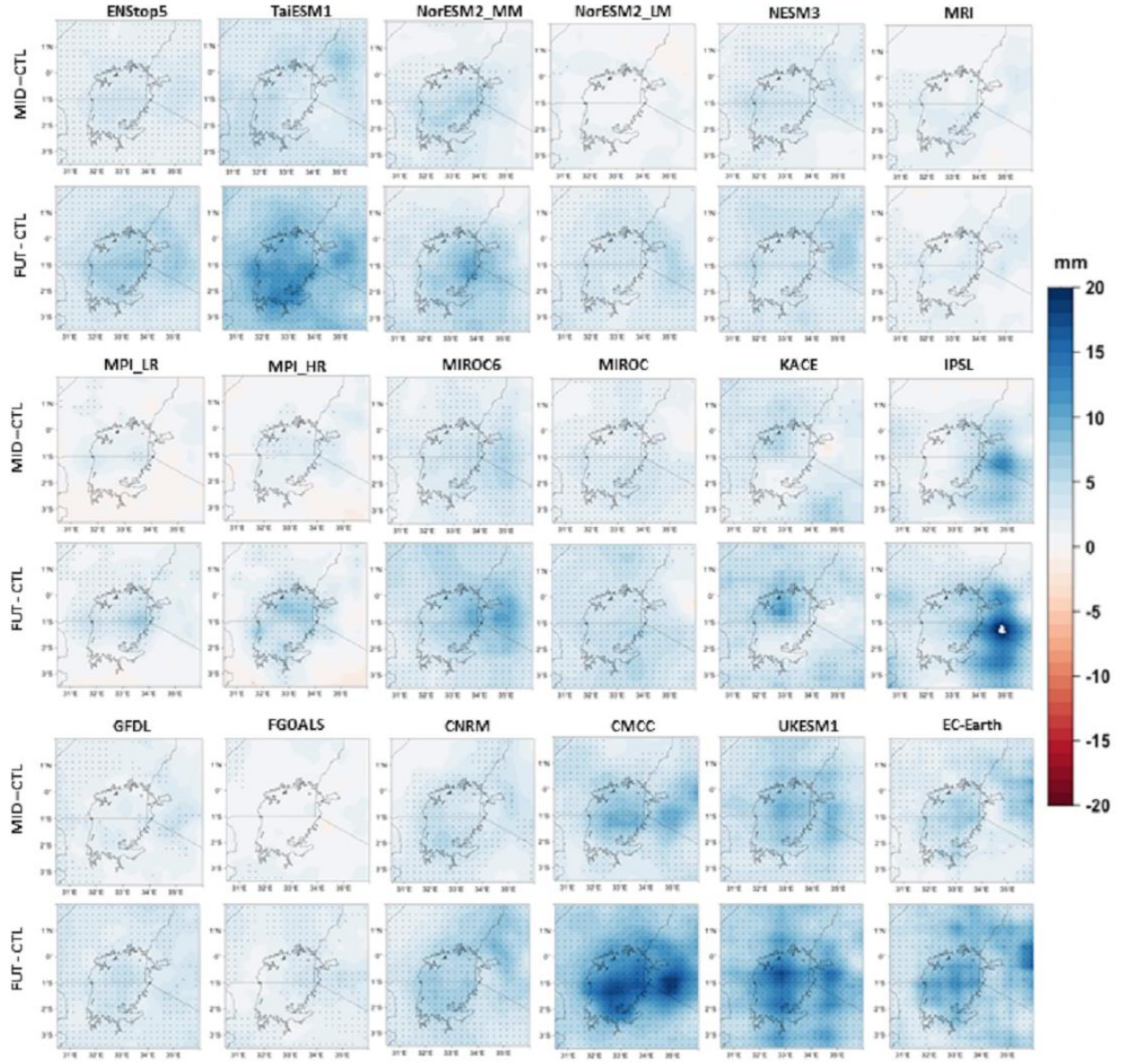


Fig. S 12: As in Fig. S 10 but for 99p90p. Units are in mm