

Table S1. Annual average range of temperature (°C) and precipitation (%) values for two time periods for the three ESM selected for study, calculated based on the difference from the historical period (1970-1999).

ESM	Variable	GFDL-ESM2G	MIROC-ESM	IPSL-CM5A-LR
		<i>Warm/Wet</i>	<i>Hot/Wet</i>	<i>Hot/Dry</i>
2040-2069	Temperature (°C)	2.7	4.3	3.6
	Precipitation (%)	4.2	6.2	-5.7
2070-2099	Temperature (°C)	4.6	7.0	6.3
	Precipitation (%)	8.5	7.8	-15.6

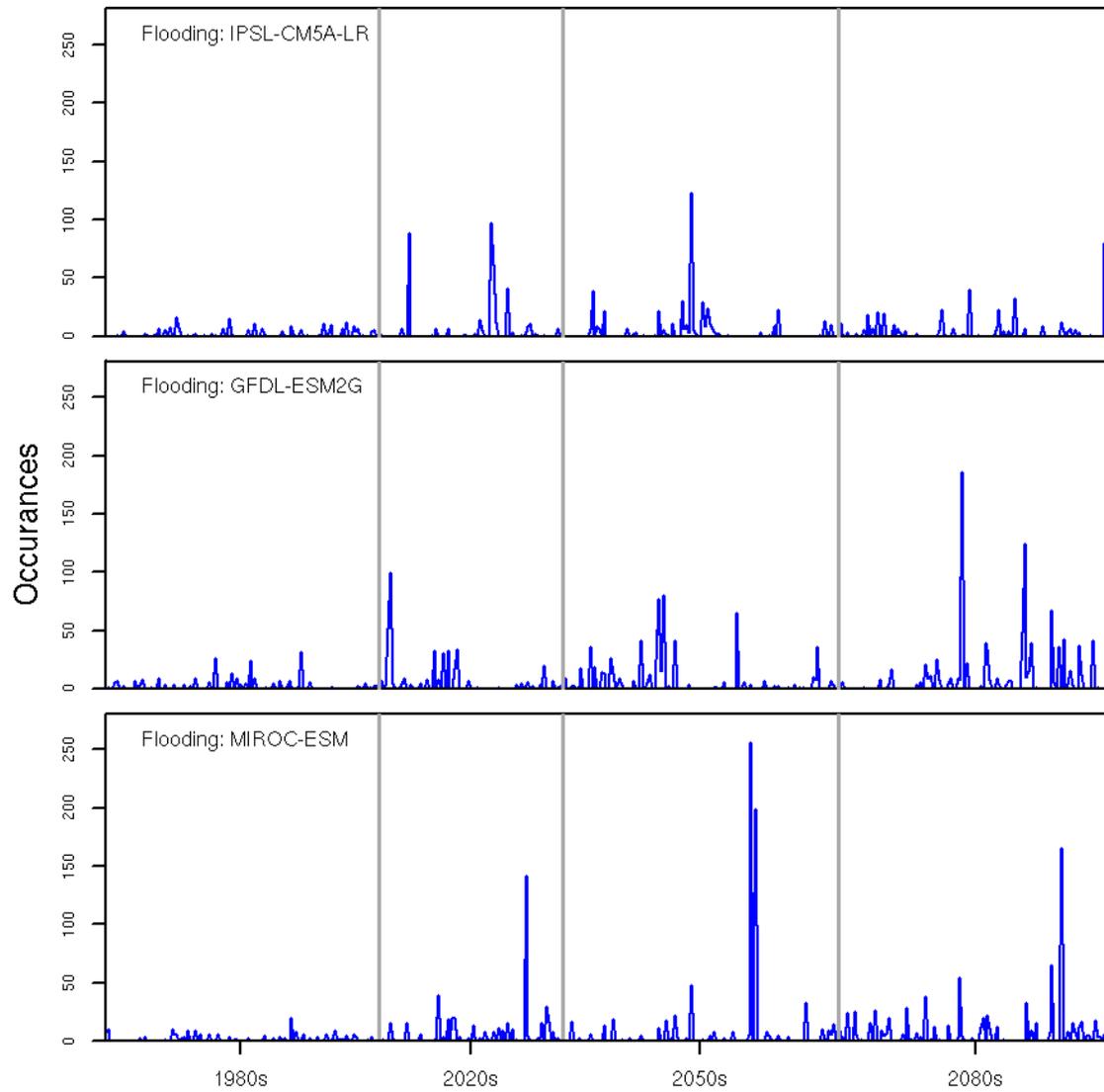


Figure S1. Flooding occurrences as counts of flooding events for all grid cells across the CRB. Each of three ESMs are shown, the driest ESM (IPSL-CM5A-LR) that is the focus of the main body of the work, the warm/wet ESM (GFDL-ESM2G), and the hot/wet ESM (MIROC-ESM). Grey lines show the 2000, 2030, and 2070 to align with periods of time presented in the paper.