Table S1. Database-specific search strings used for the systematic review

Database	Boolean Operator / Search String
ProQuest	model* AND crop AND adaptation AND climate change AND impact* AND (arid OR semi-arid)
Web of Science	model* AND crop AND adaptation AND climate change AND impact* AND arid OR semi-arid
Scopus	model* AND crop AND adaptation AND climate change AND impact* AND arid OR semi-arid
Google Scholar	model* AND crop AND adaptation AND "climate change" AND impact* AND (arid OR semi-arid) -review -book
Taylor & Francis online	model* AND crop AND adaptation AND (climate change) AND impact* AND (arid OR semi-arid)
JSTOR	model* AND crop AND adaptation AND climate change AND impact* AND (arid OR semi-arid)