PROJECTED SEASONAL CHANGE OF DROUGHT INDICES

Annual changes in the projected changes are shown in the figure. The projected changes are calculated as the difference between the scenario and the reference period. The monthly changes are shown in the figure for the whole period of analysis.

CONCLUSIONS

The results suggest that the projected changes in the temperature and precipitation patterns will have significant implications for water resources management and agricultural planning in the region. The drying trends predicted for the future are likely to increase the risk of drought-related impacts, particularly in the summer season.

The sensitivity of these changes to different forcing scenarios highlights the need for improved understanding and modeling of climate change impacts on water resources. The results also emphasize the importance of adaptive strategies to mitigate the effects of climate change on water availability and resource management.

Further research is needed to better understand the complex interactions between climate change, land use, and water resources, as well as to develop effective strategies for managing and adapting to these changes.