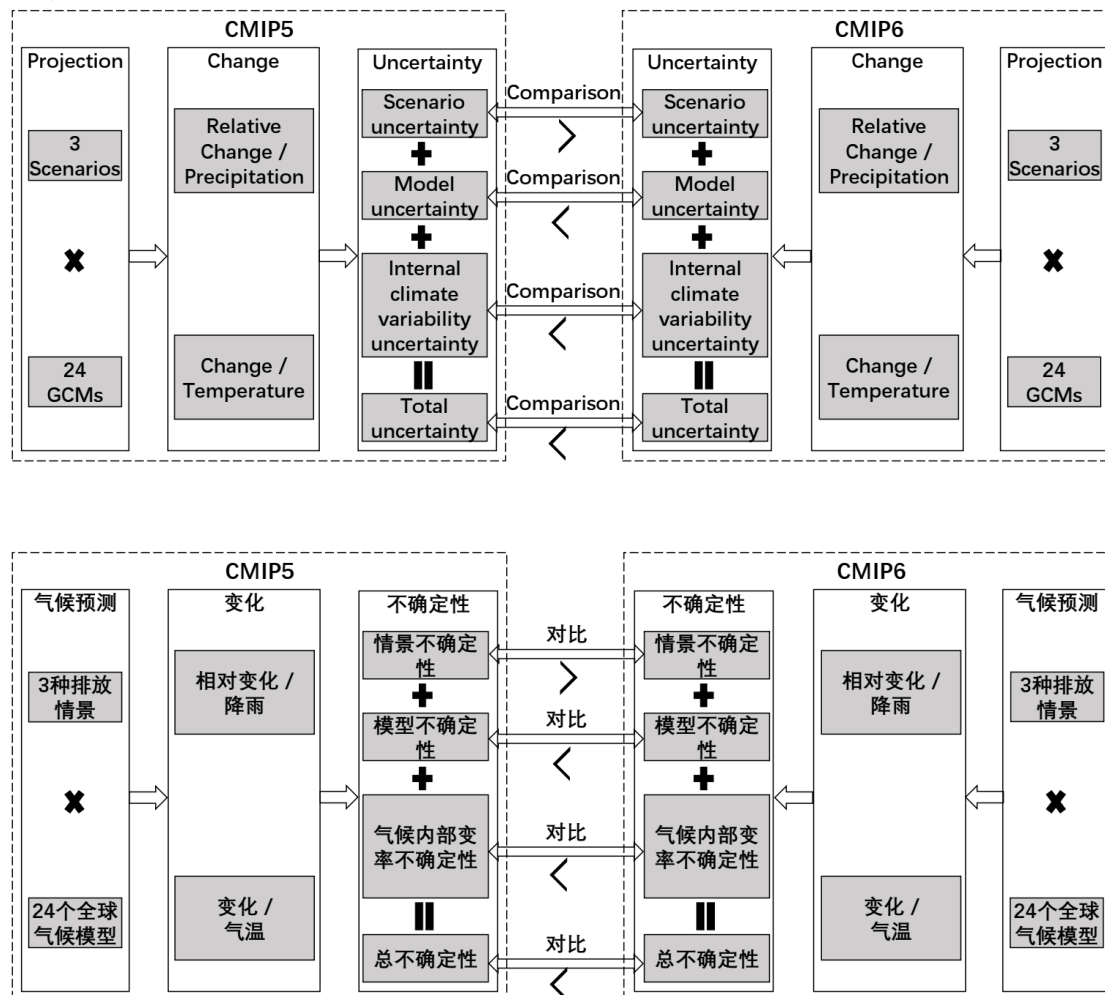
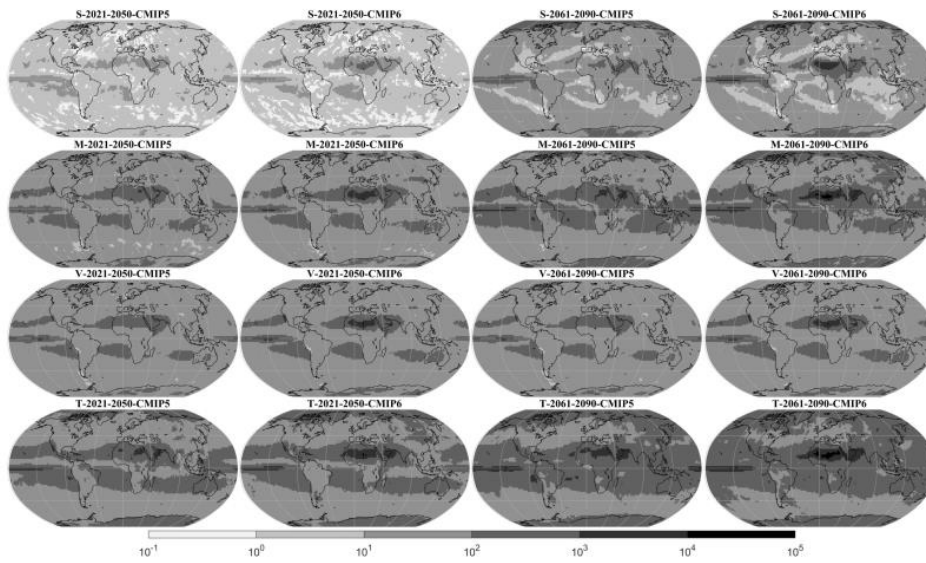


**Citation:** Zhang, S. B., and J. Chen, 2021: Uncertainty in projection of climate extremes: A comparison of CMIP5 and CMIP6. *J. Meteor. Res.*, **35**(4), 646–662, doi: 10.1007/s13351-021-1012-3.

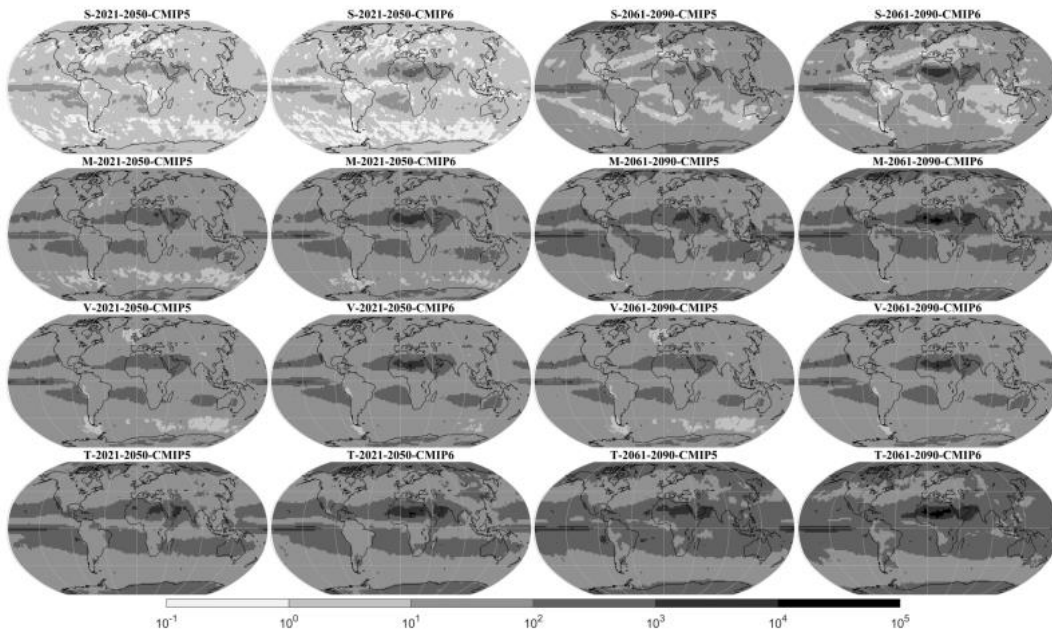
文章结构框图:



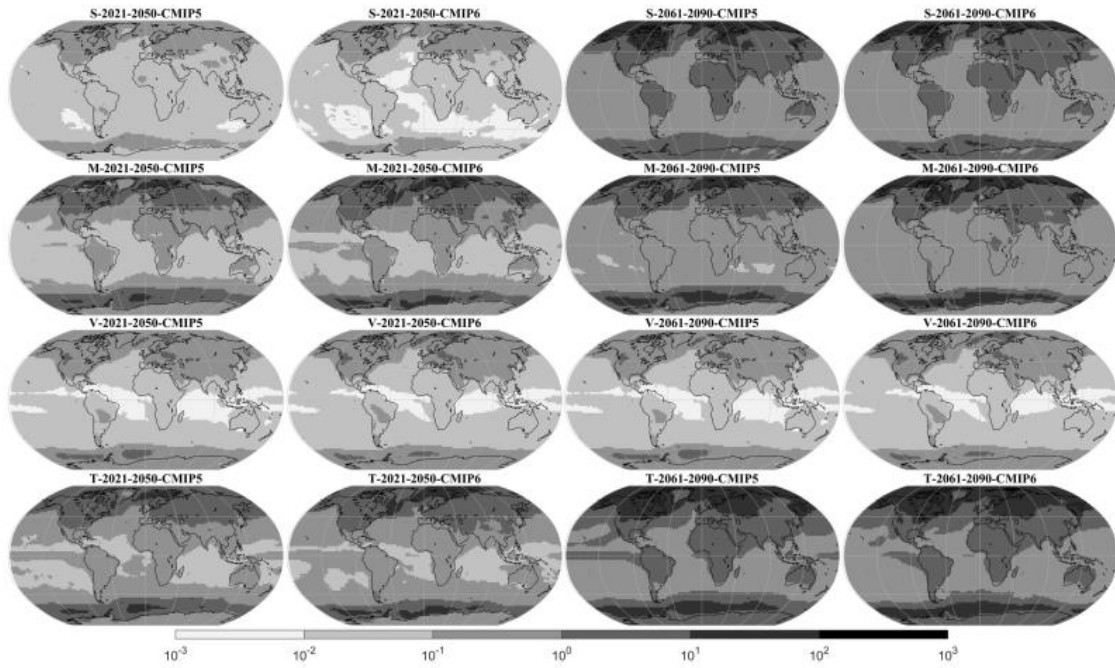
**Supplementary Material:**



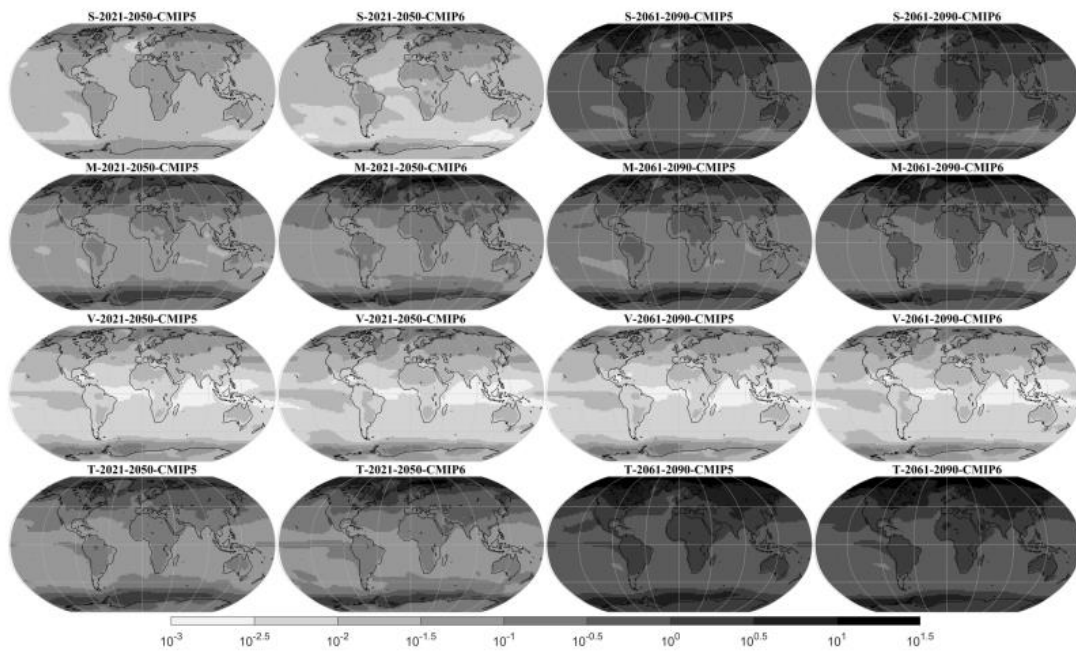
**Fig. S1.** Spatial variability patterns of the mean greenhouse gas and aerosol emission scenario uncertainty (S), global climate model response uncertainty (M), internal climate variability uncertainty (V), and total uncertainty (T) magnitudes ( $\%^2$ ) over the near and far future periods for maximum consecutive 3-day precipitation amount (Rx3day) simulated by GCMs in the CMIP5 and CMIP6 archives.



**Fig. S2.** Spatial variability patterns of the mean S, M, V, and T magnitudes ( $\%^2$ ) over the near and far future periods for maximum consecutive 5-day precipitation amount (Rx5day) simulated by GCMs in the CMIP5 and CMIP6 archives.



**Fig. S3.** Spatial variability patterns of the mean S, M, V, and T magnitudes ( $^{\circ}\text{C}^2$ ) over the near and far future periods for minimum value of daily minimum temperature (TNn) simulated by GCMs in the CMIP5 and CMIP6 archives.



**Fig. S4.** Spatial variability patterns of the mean S, M, V, and T magnitudes ( $^{\circ}\text{C}^2$ ) over the near and far future periods for mean value of daily minimum temperature (TNm) simulated by GCMs in the CMIP5 and CMIP6 archives.