

R & 1-in-10-yr EI_{30} values at 2381 stations based on hourly data and adjusted by daily data

Spatial interpolation

R & 1-in-10-yr EI_{30} maps over mainland China

Cross validation for 62 stations for the R-factor, and 18 stations for the 1-in-10-year EI_{30} (with 1-min data)
Statistics for 6 erosion and 9 hydrological zones

Evaluation of the improvement in erosivity maps in comparison with a previous study
(Yin et al., 2019)

Effect of data temporal resolution:
daily vs. hourly

Effect of the number of stations:
774 vs. 2381

Effect of the interpolation method:
OK vs. UK