

教学人员简历

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职称：博士后

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学历

博士，2013-2016，中山大学，地理科学与规划学院，自然地理学

硕士，2011-2013，中山大学，地理科学与规划学院，水文学及水资源

学士，2007-2011，中山大学，地理科学与规划学院，水文与水资源工程

教学领域

研究领域

水文气象耦合研究

洪旱灾害研究

工作经历

2016-至今，博士后研究员，河海大学

2019-至今，博士后研究员，澳门科技大学

研究项目

2020-2022，基于蒸散发供需变化的干旱发生过程识别及其空间演变规律研究，国家自然科学基金青年基金（51909057）

2017-2019，考虑时空动态性的珠江流域干旱重灾区空间演变规律研究，中国博士后基金面上等一等资助（2017M610292）

专业资格认证及奖项

学术机构及社会任职

学术成果

期刊文章：

1. Xiao, M. et al., 2020. Stomatal response to decreased relative humidity constrains the acceleration of terrestrial evapotranspiration. *Environmental Research Letters*. DOI: 10.1088/1748-9326/ab9967

2. **Xiao, M.**, Yu, Z., Cui, Y., 2020. Evaluation and estimation of daily global solar radiation from the estimated direct and diffuse solar radiation. *Theoretical and Applied Climatology*, 140(3): 983-992.
3. **Xiao, M.**, 2020. Quantifying spatiotemporal influences of climate index on seasonal extreme precipitation based on hierarchical Bayesian method. *International Journal of Climatology*, 40(6): 3087-3098.
4. **Xiao, M.**, Yu, Z., Zhu, Y., 2019. Copula-based frequency analysis of drought with identified characteristics in space and time: a case study in Huai River basin, China. *Theoretical and Applied Climatology*, 137(3): 2865-2875.
5. **Xiao, M.**, Zhang, Q., Singh, V.P., Chen, X.H., 2017. Probabilistic forecasting of seasonal drought behaviors in the Huai River basin, China. *Theoretical and Applied Climatology*, 128(3-4): 667-677.
6. **Xiao, M.**, Zhang, Q., Singh, V.P., 2017. Spatiotemporal variations of extreme precipitation regimes during 1961–2010 and possible teleconnections with climate indices across China. *International Journal of Climatology*, 37(1): 468-479.
7. **Xiao, M.**, Zhang, Q., Singh, V.P., Liu, L., 2016. Transitional properties of droughts and related impacts of climate indices in the Pearl River basin, China. *Journal of Hydrology*, 534: 397-406.
8. **Xiao, M.**, Zhang, Q., Singh, V.P., 2015. Influences of ENSO, NAO, IOD and PDO on seasonal precipitation regimes in the Yangtze River basin, China. *International Journal of Climatology*, 35(12): 3556-3567.
9. **Xiao, M.**, Zhang, Q., Singh, V.P., Chen, X.H., 2013. Regionalization-based spatiotemporal variations of precipitation regimes across China. *Theoretical and Applied Climatology*, 114(1-2): 203-212.

专著章节:

会议论文: