

**Vita**  
**WANYUN SHAO**  
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**Contact information:**

Department of Geography  
University of Alabama  
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**Appointment**

Assistant Professor of Geography, Department of Geography, University of Alabama, 2018 - present  
Assistant Professor of Geography and GIS, Department of Sociology, Anthropology, and Geography, Auburn University Montgomery, 2015 - 2018  
Coastal Resources Scientist, Louisiana Coastal Protection and Restoration Authority (CPRA), 2013-2014

**Fellowship**

Early-Career Research Fellow, National Academies of Sciences, Engineering, and Medicine Gulf Research Program, 2017-2019

**Education**

Ph.D, Geography, **Louisiana State University**, August 2012  
M.P., Planning, **University of Wyoming**, May 2009  
B.Sc., Geography, **Jilin University** (China), June 2006

**Peer-Reviewed Publications**

1. **Shao, W.**, Jackson, N., Ha, H., and N., Winemiller, T. (in press) "Community vulnerability to floods and hurricanes in the U.S. Gulf Coast." *Disasters* (**Impact factor: 1.596**)
2. **Shao, W.**, Feng, K., and Lin, N. 2019 "Predicting support for flood mitigation based on flood insurance purchase behavior" *Environmental Research Letters* (**Impact factor: 4.541**)  
DOI: [10.1088/1748-9326/ab195a](https://doi.org/10.1088/1748-9326/ab195a)
3. **Shao, W.**, Keim, B., Xian, S., and O'Connor, R. (2019) "Flood Hazards and Perceptions – A Comparative Study of Two Cities in Alabama" *Journal of Hydrology* (**Impact factor: 3.727**) 569, 546-555
4. **Shao, W.**, Gardezi, M., and Xian, S. (2018) "Examining the effects of objective hurricane risks and community resilience on risk perceptions of hurricanes at the county level in the U.S. Gulf Coast: An innovative approach" *Annals of the American Association of Geographers* (**Impact factor:2.799**), DOI: 10.1080/24694452.2018.1426436

5. Shao, W., Xian, S., Lin, N., and Small, M. 2017 c "A sequential model relating risk exposure, perception and public support for coastal flood adaptation measures" *Water Research (Impact factor: 7.051)*. DOI.org/10.1016/j.watres.2017.05.072
6. Shao, W., Xian, S., Lin, N., Kunreuther, H., Jackson, N., and Goidel, K. 2017 b "Understanding the effects of past flood events, perceived and estimated flood risks on individuals' voluntary flood insurance purchase behaviors." *Water Research (Impact Factor: 7.051)*. DOI: 10.1016/j.watres.2016.11.021
7. Shao, W. 2017 "Weather, climate, politics or God? – determinants of American public opinions toward global warming" *Environmental Politics (Impact Factor: 2.695)*. DOI: 10.1080/09644016.2016.1223190
8. Shao, W., Xian, S., Keim, B. D., Goidel, K., and Lin, N. 2017 a "Understanding perceptions of changing hurricane strength along the U.S. Gulf Coast" *International Journal of Climatology (Impact Factor: 3.609)*. DOI:10.1002/joc.4805
9. Xu, Y., Liu, Y., Chen, T., Shao, W., and Fu, Z. 2017 "A longitudinal analysis of environment and risk of obesity in the U.S." *Journal of Geoscience and Environment Protection (Impact Factor: 0.77)*, 5, 204-220.
10. Shao, W., Garand, J.C., Keim, B. D., and Hamilton, L.C. 2016 "Science, scientists, and local weather: understanding mass attitudes toward global warming," *Social Science Quarterly (Impact Factor: 0.849)*. DOI: 10.1111/ssqu.12317
11. Shao, W. and Goidel, K. 2016, "Seeing is believing? - An examination of perceptions of local weather conditions and climate change among residents in the U.S. Gulf Coast" *Risk Analysis (Impact Factor: 2.518)*. DOI:10.1111/risa.12571.
12. Ha, H., Rogerson, P., Olson, J., Han, D., Bian, L., and Shao, W. 2016 "Analysis of Pollution Hazard Intensity: A Spatial Epidemiology Case Study of Soil Pb Contamination," *International Journal of Environmental Research and Public Health (Impact Factor: 2.101)*. 13 (9), 915; DOI: 10.3390/ijerph13090915
13. Shao, W., 2015, "Are actual weather and perceived weather the same?" *Journal of Risk Research (Impact Factor: 1.340)*. 1-21.
14. Shao, W., Keim, B. D., Garand, J.C., and Hamilton, L.C., 2014, "Weather, climate, and the economy: explaining risk perceptions of global warming, 2001-2010," *Weather, Climate, and Society (Impact Factor: 2.594)*. 6, 119-134.

### Book Chapter

Shao, W. 2017. "Understanding Chinese environmental risk perceptions from 1995 - 2015," in Tang, Z. (ed.), *China's Urbanization and Socioeconomic Impact*, 125-144. Springer Nature.

### Other Publications

Shao, W. December 7, 2018 "[Can 2018's extreme weather persuade skeptics that the climate is changing?](#)" *The Washington Post*

Shao, W. August 23, 2018. "[A year after Hurricane Harvey, some Texans are using outdated flood risk maps to rebuild.](#)" *The Conversation*.

Shao, W. and Xian, S. September 9, 2017. "[The irrational way people calculate hurricane risks.](#)" *Vox*.

Shao, W. and Xian, S. August 30, 2017. "[After Harvey, many Texans will think differently about hurricane risks.](#)" *The Conversation*.

Shao, W. June 1, 2017. "[Trump's decision to withdraw from the Paris Accord cedes global leadership to China.](#)" *The Conversation*

**Journal Reviewer:** *Climatic Change; Journal of Coastal Research; Weather, Climate, and Society; Environmental Politics; Cities; International Journal of Disaster Risk Reduction; Journal of Environmental Planning and Management; Natural Hazards Review; Plos One; Journal of Flood Risk Management; Water Resources Research; Computers, Environment, and Urban Systems*