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First Name: **Yaoping**   Last Name: **Wang**

Title: **Ms.**

Institution: **Environmental Science Graduate Program, The Ohio State University**

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Education:

PhD: The Ohio State University (expected Aug 2018)   MS: The Ohio State University   BS: *Beijing Normal University*

General Areas of Expertise:

Downscaling of climate model outputs; Electricity Forecast; Energy-water Nexus

Short Bio:

Ms. Wang is a PhD student in the Energy Sustainability Lab of Prof. Jeffrey M. Bielicki. She studied hydrology during her master's, with a focus on statistical post-processing techniques that bridge the gap between local weather and synoptic scale systems. Recognizing that the climate change problem is rooted in the socioeconomic system, she gradually transitioned to studying the interactions between the climate, electricity, and water systems for her PhD. She hopes to leverage her expertise in statistical analysis and experience with multiple disciplines to the development of integrated solutions to sustainability problems.

Five Representative Publications:

Yaoping Wang, Jeffrey M. Bielicki. Acclimation and the response of hourly electricity loads to meteorological variables. Energy. Available online 12 October 2017, ISSN 0360-5442, https://doi.org/10.1016/j.energy.2017.10.037.
Yaoping Wang, Gajan Sivandran, Jeffrey M. Bielicki. The Stationary of Two Statistical Downscaling Methods for Precipitation under Different Choices of Cross-Validation Periods. International Journal of Climatology (Accepted).

FEWSTERN Symposium 2017 Presentation Title and Abstract:

N/A