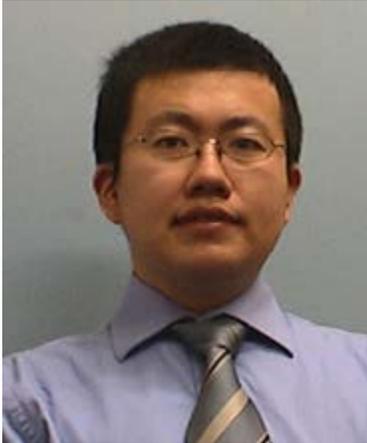


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Shih-Chieh Kao is a statistical hydrologist in the Energy, Water and Ecosystem Engineering group and the Climate Change Science Institute at ORNL. His areas of research expertise are hydrologic extremes, water availability, and multivariate statistical analysis. Kao is currently the principal investigator for “Climate Change Effects on Federal Hydropower”, and co-principal investigator for two projects at ORNL: the “A Hierarchical Regional Modeling Framework for Decadal-scale Hydro-climatic Predictions and Impact Assessments” (PI: Moetasim Ashfaq), and the “National Hydropower Asset Assessment Program” (PI: Brennan Smith).

Prior to ORNL, Kao was a postdoctoral research associate at Purdue University, where he earned his doctorate in civil engineering in 2008. His dissertation, “Multivariate Statistical Analysis of Indiana Hydrologic Data,” was named best dissertation in the civil engineering department for 2008.

Kao has been a reviewer for a number of domain science journals such as *Advances in Water Resources*, *Hydrological Processes*, *Journal of Hydrologic Engineering*, *Journal of Hydrology*, and *Water Resources Research*. He is an active member the ASCE Environmental and Water Resources Institute’s Hydrological Technical Committee on Hydroclimate. Kao was also awarded as an Outstanding Reviewer for the *Journal Hydrologic Engineering* at 2009.