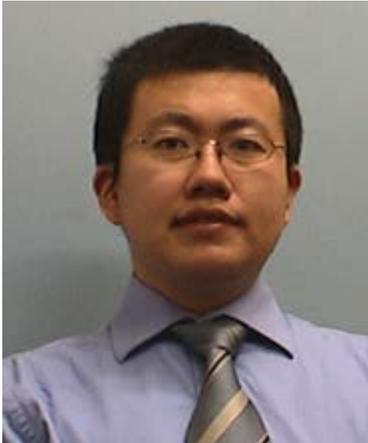


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Dr. Shih-Chieh Kao is a Research Scientist and Team Leader of the Hydrologic Systems Analysis Team within the Environmental Science Division at Oak Ridge National Laboratory. His areas of research include hydrologic modeling, hydro-climate impact assessment, hydro-meteorological extremes, streamflow availability and river networks, and hydropower resource evaluation. He has been serving as the principal investigator of two Department of Energy Water Power Program projects – “National Hydropower Asset Assessment Program (NHAAP)” and “Effects of Climate Change on Federal Hydropower – SECURE Water Act Section 9505 Water Use Analysis” since 2011.

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 awarded the 2008 Purdue Civil Engineering Best Dissertation. Kao has been a frequent reviewer for over 20 scientific/engineering journals. He is a member the ASCE Environmental and Water Resources Institute’s Hydrological Technical Committee on hydroclimate and probable maximum precipitation. Kao received the Outstanding Reviewer Award from Journal of Hydrologic Engineering at 2009, and the Statistical Hydrology Best Paper Award from International Commission on Statistical Hydrology at 2013.

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