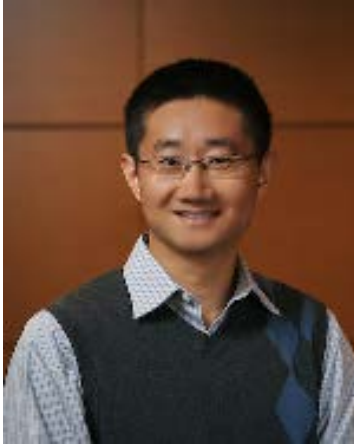


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Yaxing Wei is currently a scientist at the ORNL Distributed Active Archive Center (DAAC) in the Environmental Sciences Division. Since joining ORNL in 2008, Wei has been working on several research projects to provide geospatial information management, analysis, visualization, and sharing. Those projects include ORNL DAAC, Modeling and Synthesis Thematic Data Center (MAST-DC), and the National Hydropower Assets and Resources Assessment Project. Some of his current key research topics involve increasing geospatial data usage by promoting data standardization and interoperability, and synthesizing stream-flow time-series for ungaged streams in the conterminous U.S. area.

Wei's other research interests include advanced geospatial data management; visualization and delivery; open Geospatial Consortium (OGC) standards and geospatial information interoperability; web-enabled Geospatial Information System; geospatial information analysis; web services and SOA technologies; grid and collaborative computing; large-scale distributed data integration and sharing; and geospatial workflow modeling, execution, and management.

Wei received his PhD in safety engineering from the University of Science and Technology of China (USTC) in 2007, while his doctoral research was conducted at George Mason University in Fairfax County, Virginia. He received his BS in electronic engineering and information science from USTC in 2001. He is the author or co-author of about 20 publications in scientific journals, conference proceedings, and books.

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