

## Anthony W. King



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Anthony W. King is a research staff member in the Ecosystem Simulation Science group and the Climate Change Science Institute of ORNL. After receiving a BS in zoology from Arkansas State University in 1978 and an MS in biology from Arkansas State University in 1981, King headed west for a brief stay at Texas Tech University in Lubbock, but returned to Tennessee in 1982, receiving his PhD in ecology from the University of Tennessee at Knoxville in 1986.

King joined the Environmental Sciences Division in 1987. His research experience includes the understanding and modeling of terrestrial ecosystems as part of the global Earth system, theory of scale and system organization in ecology, ecosystem and land-surface processes at landscape, regional, and global scales, climate-ecosystem feedbacks, carbon and water cycle modeling, land-use change, spatially structured population dynamics and modeling, model sensitivity and uncertainty analysis, and model evaluation.

Most recently, King has been involved in scientific synthesis and assessment in support of decision making and the assessment of climate impacts on coupled socio-ecological systems. King was co-lead with Lisa Dilling for the 2007 *The First State of the Carbon Cycle Report (SOCCR): The North American Carbon Budget and Implications for the Global Carbon Cycle*, one of the Climate Change Science Program's Synthesis and Assessment Products (2.2).