

Biographical Sketch- Jamie Brown Kruse
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Current position: THCAS Distinguished Professor of Economics, East Carolina University
Past Director and Core Member, Center for Natural Hazards Research, East Carolina University
Co-Director, Center for Risk-based Community Resilience Planning, Colorado State University

Dr. Jamie Kruse is recognized for her research in economics and decision making under uncertainty especially as it relates to natural hazards. She completed her doctoral work at University of Arizona under dissertation advisor, Vernon Smith (2002 Nobel Laureate). Dr. Kruse has authored seventy published and forthcoming refereed journal articles in addition to books, proceedings, abstracts and reports, appearing in *Econometrica*, *RAND Journal of Economics*, *Southern Economic Journal*, *Journal of Economic Behavior and Organization*, *Economic Inquiry*, *Natural Hazards Review (ASCE)*, *Journal of Wind Engineering and Industrial Aerodynamics (ASCE)*, *Environmetrics*, *Weather and Forecasting (AMS)*, *Risk Analysis*, *Journal of Risk and Uncertainty in Engineered Systems (ASCE)*, *Journal of Risk and Insurance*, *Journal of Insurance Issues*, and others. She held faculty positions at the University of Colorado, Texas Tech University, East Carolina University and a visiting position at Eidgenossische Technische Hochschule (ETH) in Zurich, Switzerland. Her work has been supported by National Aeronautics and Space Administration, National Science Foundation, US Geological Survey, US Department of Energy, National Oceanic and Atmospheric Administration, National Institute of Standards and Technology, Federal Emergency Management Agency, Department of Homeland Security, Federal Deposit Insurance Corporation, and others. She has served as an expert reviewer for the National Academies of Science, Engineering and Medicine, US Army Corp of Engineers, Department of Homeland Security, and on more than twenty-five National Science Foundation panels across three directorates. In 2010 she held the position of Chief Economist at National Oceanic and Atmospheric Administration. At the interagency level, she was a member of the Whitehouse Office of Science and Technology Policy (OSTP) Subcommittee on Social, Behavioral and Economic Sciences and OSTP Subcommittee on Ocean Science and Technology. Dr. Kruse currently serves as the Co-director for the National Institute of Standards and Technology-funded Center of Excellence for Risk-based Community Resilience Planning, a 12-university collaboration headquartered at Colorado State University. The center supports multi-disciplinary research to improve resilience to natural hazards and seeks to develop the computational environment IN-CORE to enable community resilience planning.