

Kate White, PhD, PE
Senior Lead for Global and Climate Change
USACE Institute for Water Resources

Kate White is a Civil Engineer with the US Army Corps of Engineers (USACE) Institute for Water Resources, with over 23 years of experience in the USACE, supporting planning, engineering, design, operations, and emergency management. She is responsible developing and implementing an integrated, comprehensive and systems based approach that incorporates new and changing information to reduce vulnerability and increase resilience in USACE built and natural infrastructure. Her work area incorporates anticipatory and adaptive management in the face of dynamic global changes such as climate change so the USACE will remain adaptable and sustainable over time. She co-leads the USACE Responses to Climate Change Program and represents USACE on the Agency Adaptation Processes Working Group for the Council on Environmental Quality's interagency Climate Change Adaptation Work Group. Dr. White's work includes extensive interagency collaboration in the area of climate change. She participated in the development of the US water resources management agencies' foundation document, USGS Circular 1331. She is a member of the Climate Change and Water Working Group, including preparation of the user needs documents on behalf of water resources management operating agencies and the organization of workshops to meet specific needs, including the January 2010 *Workshop on Nonstationarity, Hydrologic Frequency Analysis, and Water Management* and the November 2010 workshop on *Assessing a Portfolio of Approaches for Producing Climate Change Information to Support Adaptation Decisions*. Dr. White is helping guide climate change adaptation pilot projects and is leading a nationwide screening-level assessment of USACE vulnerabilities to climate change impacts. She is active in international arenas as well, serving as the Chair of the PIANC Permanent Task Group on Climate Change and having been a member of the PIANC Task Group 3 "Climate Change and Navigation." Dr. White has also served as an advisor to NOAA's Regional Integrated Science and Assessment program and NASA's Applied Sciences Program Water Management Applications Program Element.

