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Anthony Niles currently serves as the Assistant Director for Civil Works Research and Development, in the Headquarters Directorate of Research and Development. He previously was with the Engineer Research and Development Center (ERDC) and served as Liaison to USACE Civil Works, and as Programs Officer for Civil Works R&D.

Prior to ERDC, Mr. Niles worked at the U.S. Army Geospatial Center from 1985 to 2011, and conducted R&D projects in mapping and geospatial database management in support of the Corps of Engineers Civil Works mission, and directed the National Inventory of Dams, the most complete and authoritative databases of dams in the U.S. He also initiated and managed the Inland Electronic Navigational Chart Program; producing, publishing and maintaining detailed and accurate electronic charts of all inland navigable waterways. Mr. Niles was Chief of the Geospatial Applications Branch and was Program Manager for the Surveying and Mapping R&D program, involved with new technology for hydrographic and topographic geospatial data collection and management.

Mr. Niles recently served a Fellowship in the U.S. Senate in 2009, as a Legislative Assistant to U.S. Senator David Vitter from Louisiana. Mr. Niles assisted with draft appropriations and authorizations, and interfaced with constituent groups on flood control, navigation, and environmental restoration projects.

In 2010, Mr. Niles served on an assignment to USACE Headquarters as the Deputy Chief of the Northwestern Division Regional Integration Team, guiding Headquarters review of Northwestern Division's planning documents for the largest Corps Division covering the Columbia and Missouri River Basins, and all or parts of 12 states.

Mr. Niles has a Bachelor of Science Degree in Mechanical Engineering from Old Dominion University; and a Master of Science in Computer Aided Design from George Washington University.