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Dr. Suedel is a research biologist at the U.S. Army Corps of Engineers (USACE) Engineer Research and Development Center (ERDC), Environmental Laboratory in Vicksburg, Mississippi. He obtained his bachelor's degree in biology and master's degree in biology from the University of North Texas, and his Ph.D. in biological sciences from the University of Mississippi. He also is an Adjunct Professor at Clemson University, the University of Houston Clear Lake and the University of Louisiana Monroe. He has authored over 30 published papers, over a dozen technical reports, and more than 60 conference presentations or posters in the areas of aquatic and sediment toxicology, fate and effects of contaminants in sediments, and risk and decision analysis. From 1993 to 2005, Dr. Suedel worked as a consultant in the ecological risk assessment, environmental toxicology and sediment hazard assessment fields.

Since 2005, Dr. Suedel has served as the Team Leader of the Risk Integration Team where he focuses on risk assessment and management of dredged material and invasive species, multi-criteria decision analysis, incorporating uncertainty into ecosystem restoration projects, and investigating ways in which environmental enhancements can be incorporated into navigation and port infrastructure planning. He is an active member of the Western Dredging Association (WEDA), the International Navigation Association (PIANC), the Society of Environmental Toxicology and Chemistry (SETAC), and the Society for Risk Analysis (SRA). Dr. Suedel is also the chair of the PIANC Environmental Commission Working Group 143, which recently completed a report developing a standard of practice for conducting initial assessments of environmental effects of navigation and infrastructure projects.