

## Biographical Sketch

### Trudy J. Estes, Ph.D., P.E.

Dr. Trudy J. Estes is a senior Research Civil Engineer at the US Army Corps of Engineers, Engineer Research and Development Center (ERDC), in Vicksburg, MS. Trudy leads a team of engineers whose research is focused on a broad range of sediment management issues, including environmental effects of dredged material disposal, sediment and effluent treatment, and beneficial use of dredged materials. Trudy is probably best known for her work in physical separation and sediment treatment, and has intensively studied the distribution of contaminants in sediments, their association with different sorptive phases, and the influence of these factors on sediment treatability. Her current research pertains to economical sediment treatment and management to facilitate the use of marginally contaminated sediments in beneficial use applications. Trudy also provides support to other agencies in the characterization and evaluation of sediment RCRA and Superfund sites, development of adaptive management plans, and presentation of environmental evaluations to regulatory agencies and public interest groups. Following the Deep Water Horizon incident, she was a member of the USACE/EPA team tasked with development of recommendations for management of dredging projects potentially impacted by oil spills. Trudy is also a submissions editor for the Journal of Soils and Sediments, and an adjunct professor of Civil Engineering at Mississippi State University.

