US Army Corps of Engineers ®

REMTECH Europe

SESSION 2
Dredged Sediments

MONDAY 16 SEPTEMBER
14:30 – 19:00 CEST (Central European Summer Time)

ONLINE

Opening

14:30 **Introduction from the Chairs**
Edith Martinez-Guerra (USACE), Marco Falconi (Remtech Europe)

14:45 **Dredged sediments – Part 1**
Damarys Acevedo-Acevedo (USACE), Paul Schroeder(USACE), Susan E. Bailey (USACE)

16:25 **Panel discussion**
Edith Martinez-Guerra (USACE)

16:35 *Coffee break*

16:50 **Dredged sediments – Part 2**
Damarys Acevedo-Acevedo (USACE), Paul R. Schroeder(USACE), Susan E. Bailey (USACE)

18:30 **Panel discussion**
Edith Martinez-Guerra (USACE)

19:00 **End of the session**

Register yourself in the Google form **https://forms.gle/aMdMRBLV8kZa5MQh6**

Damarys Acevedo-Acevedo, P.E.

Research Environmental Engineer
Program Manager for the Installation Energy and Water Plan Program
Environmental Laboratory - U.S. Army Engineer Research and Development Center

Damarys Acevedo-Acevedo is a research environmental engineer and the interim program manager for the Installation Energy and Water Plan (IEWP) Program in the Environmental Laboratory at the U.S. Army Engineer Research and Development Center (ERDC) in Vicksburg, Mississippi. Mrs. Acevedo-Acevedo began her career with ERDC in 2008. She conducts research and development (R&D) on new approaches related to ecosystem restoration, sediment management, and water resilience, and introduces novel approaches to existing procedures and protocols. As a research environmental engineer, she has provided engineering expertise to cover a broad spectrum of projects including: treatment technologies for sediments, soils, and water, dredged material evaluations, capping of contaminated sediments, beneficial use of dredged material, design for confined disposal facilities (CDFs), coastal vulnerability, ecosystem restoration, thin layer placement of dredged material, and development of IEWPs. She serves as the principal investigator (PI) and co-PI for multiple projects, and currently manages the Installation Energy and Water Plan (IEWP) Program.

US Army Corps of Engineers ®

REMTECH Europe

Susan E. Bailey, PE

Research Civil Engineer
U.S. Army Engineer Research and Development Center, CEERD-EPE

Susan Bailey is a research civil engineer with 20 years of experience working in the Environmental Engineering Branch at the USACE Engineer Research and Development Center. As part of the Sediment Management Team, she works with sediment and dredged material management, primarily in support of the USACE navigation mission. Her work includes evaluation of water quality impacts from dredging and placement activities, design and evaluation of placement area capacity, evaluation of contaminant and sediment transport, sediment remediation and developing sustainable solutions. She performs laboratory research and testing, conducts field studies, and performs modeling. Her focus is primarily on modeling dredged material behavior and contaminant transport to evaluate risk related to dredged material placement and management of contaminated sediments. She has a research interest in beneficial use of dredged material and sustainability. She has conducted studies concerning the consolidation behavior of dredged material upon thin layer placement which involved laboratory experiments as well as field evaluation.

Paul R. Schroeder, PhD, PE

Research Civil Engineer
U.S. Army Engineer Research and Development Center, CEERD-EPE

Paul R. Schroeder serves as the Sediment Management Team Leader in the Environmental Engineering Branch of the U.S. Army Engineer Research and Development. Over the last 40+ years Dr. Schroeder has worked on hundreds of projects related to dredged material management, modeling of sediment/dredged material behavior, design of dredged material placement operations and facilities, laboratory testing for beneficial use applications, laboratory and desktop evaluations of environment effects of dredging operations, and sediment remediation design. He has co-authored more than 200 publications and presentations in the area of dredging and dredged material disposal and remediation of contaminated sediments, including all of the current USACE guidance documents for evaluation of dredged material management alternatives, and dredging and dredged material disposal. Additionally, he has developed 10 models for the ADDAMS dredging toolbox for evaluating and managing dredged material.