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Dr. Gailani's research interests and expertise include cohesive sediment transport processes, dredged material management, beneficial use of dredged material, and evaluation of contaminated sediment sites. He is the author or co-author on multiple peer-reviewed, conference, and in-house publications. Dr. Gailani received his doctorate in Mechanical and Environmental Engineering from the University of California at Santa Barbara in 1991. His dissertation research focused on predictive modeling for the erosion, transport, and deposition of contaminated, fine grained cohesive sediments in riverine environments.