

Abstract Presented at  
The Marine and Estuarine Shallow Water Science and Management Conference  
Atlantic City, New Jersey - March 15-19, 1998

**Dredged Material Decontamination and Technology Commercialization  
in New York/New Jersey Harbor\***

E. A. Stern  
US Environmental Protection Agency - Region 2  
New York, NY 10007

K. W. Jones  
US Department of Energy - Brookhaven National Laboratory  
Upton, NY 11973

K. R. Donato  
US Army Corps of Engineers - New York District  
New York, NY 01278

N. L. Clesceri  
Rensselaer Polytechnic Institute  
Troy, NY 12180

A unique federal project aimed at the commercialization of different treatment technologies for the decontamination of dredged material in New York/New Jersey Harbor will be presented. The project is organized so that commercialization is achieved in a seamless way starting with validation at the bench- and pilot-scale levels and culminating with the actual construction of operational facilities. This is the first integrated sediment decontamination program where a validation process of innovative technologies will be scaled up to a production scale facility capable of processing up to 500,000 cubic yards of dredged material. The need to develop public-private partnerships for facility construction is emphasized as a way of obtaining adequate funding for infrastructure and operating costs during the startup time of the commercialization process. It is expected that the end result of the project work will be the creation of economically-viable, self-sustaining sediment decontamination technology companies.

\*Research supported in part by the US Department of Energy, Office of Basic Energy Sciences, Contract No. DE-AC02-76CH00016 (KWJ).