

8ICEG General Report



Prof. Charles Shackelford

Colorado State University, Fort Collins, Colorado, USA

General Report Title

Pollutant Transport

[11:00 - 11:30 , Tuesday 30th Oct. 2018]

Biography

Charles D. Shackelford is Professor and Head of the Department of Civil and Environmental Engineering, Colorado State University, Fort Collins, Colorado, USA. He has 35 years of experience pertaining to the geoenvironmental aspects of waste management and environmental remediation, and has served as an expert on waste disposal issues on numerous occasions for private companies and federal agencies. Dr. Shackelford's research is focused primarily on evaluating flow and transport of hazardous liquids and contaminants through soil and geosynthetic containment barriers, such as compacted clay liners (CCLs) and geosynthetic clay liners (GCLs), commonly used in geoenvironmental containment applications, as well as through soil-bentonite (SB) vertical cutoff walls used for in situ control and containment of polluted groundwater.

Abstract

The presentation provides an overview of the 18 conference papers focused on Transport, Persistence and Fate of Pollutants and the 38 conference papers focused on Engineered Barriers. The papers will be categorized and summarized with respect to the primary content of the paper, and selected papers of particular interest will be described in more detail. The presentation should assist the audience in deciding which papers may be of interest for a more detailed review.