

CHALLENGES AND INNOVATION IN CIVIL AND ENVIRONMENTAL ENGINEERING



Design and Construction of Earth Retaining Structures

Dennis Murphy
Retired, President of Kiewit Engineering
Company

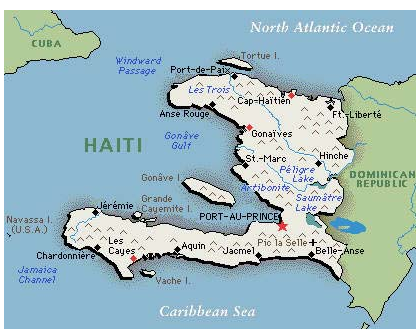
February 10, 2010
129 DeBartolo Hall
4:30pm

This talk presents soil characteristics and parameters as they relate to various earth pressure theories, characterizes support of excavation wall models, and illustrates common structural wall systems and shoring components. The design summary process for developing temporary or permanent support of excavation will be presented.

Dennis Murphy is a Notre Dame Civil Engineering graduate, class of 1971, where he majored mostly in structural and environmental engineering. He worked for Kiewit from 1971 to 2005 and has served as a consultant since then on engineering, estimating, mergers, corporate policy, and legal issues.



Notre Dame Civil Engineers' Involvement in Haiti



Pat Wilbur
Notre Dame Civil Engineering
Class of 1971

Immediately following Dennis Murphy's presentation, Pat Wilbur will give a short presentation on his involvement with Notre Dame efforts in Haiti and his recent visit there.



A reception and an opportunity to meet the speakers will take place at 4:00pm in the CE/GEOS office conference room, Fitzpatrick 156, before the seminar