

Ms. CHRISTINE F. ANDERSEN

Director of Public Works for the City of Santa Barbara, California



Ms. Andersen's prior positions over the past twenty-six years include Director of Public Works for the City of Long Beach, California, Deputy City Manager for Environmental Services for the City of Boulder, Colorado, and Director of Public Works for the City of Eugene, Oregon. All of these positions involved the management of transportation operations and maintenance, engineering design and construction, facilities maintenance and construction, and water resources programs. In each of these positions Ms. Andersen was involved environmental management systems and in the development of LEED building projects including libraries, recreation centers, city office buildings, airports and public safety facilities.

Over the past twenty years, Ms. Andersen has served ASCE as a public agency peer reviewer and served on the Committee on Peer Review for Public Agencies. She served on the ASCE External Review Panel, which was tasked with reviewing the work of the United States Corps of Engineers' Interagency Performance Evaluation Task Force in their evaluation of the New Orleans and Southeast Louisiana hurricane protection system after Hurricane Katrina. She also served as an At-Large member of the ASCE Board of Direction.

PRESENTATION TITLE: Infrastructure Maintenance and Renewal—Challenges for Local Government Agencies in the United States

ABSTRACT: Local government agencies (Cities and Counties) in the United States generally have responsibility for infrastructure construction and maintenance of systems which may include: transportation, airport, water utility, wastewater utility, public buildings and grounds.

This presentation will provide a brief background on funding sources and changes over time, shifting from federally funded programs to greater dependence on local funding sources.

Focusing on Transportation, examples will be discussed regarding efficient maintenance strategies and prioritization of capital investment. As state laws have changed across the United States that limit the ability of local agencies to raise new revenues the need to develop communication and education programs that gain public support for infrastructure financing has grown. Success stories where voter support has been achieved and how that was accomplished will be shared. Sustainability has become a much more recognized goal for infrastructure management for local government agencies in the United States. A discussion of how sustainability is incorporated into maintenance and capital projects will be covered. Finally, a discussion of outstanding challenges and potential strategies for local agencies in addressing infrastructure needs will be presented.