

Jim Sandoval, P.E.

CH2M HILL

Jim Sandoval of CH2M HILL is a professional civil engineer with 20 years of experience in environmental and waste management engineering. He is currently helping a number of agencies respond to the regulatory requirements of the California Global Warming Solutions Act of 2006 (AB-32). On behalf of the California Climate Action Registry (CCAR) and the California Wastewater Climate Change Group, he was responsible for developing the wastewater treatment methodology for quantifying greenhouse gas emissions from municipal wastewater treatment, which became Chapter 10 of the *Local Government Operations Protocol for the Quantification of Greenhouse Gas Inventories*.

Jim was responsible for setting up the logistics to implement the planning, design, construction and operation of the zero waste road map for Masdar City. He now serves in a technical support role to the Masdar program team in Abu Dhabi.

The Masdar Project is a program owned by Abu Dhabi Future Energy Company, in Abu Dhabi, United Arab Emirates. CH2M HILL is serving as the program manager responsible for implementation of planning, design and construction of the \$23-billion zero carbon/zero waste new city.