

## Unit 5.1 – Operation and Maintenance



**David M. Robbins:** David Robbins helps local governments in developing countries design, build and operate decentralized wastewater management systems (DWMS), and implement septage management programs using a bottom-up stakeholder driven planning process. He has 27 years of sanitation and environmental health experience including 12 years of international experience in the Philippines, Indonesia, Vietnam, Cambodia, Thailand, Sri Lanka, China, Mexico, Guatemala, El Salvador and Honduras. David specializes in business development and project management having worked with a number of international donor organizations including Oxfam, SNV, USAID, World Bank, Asian Development Bank, Rotary International and the Bill & Melinda Gates Foundation for programs in SE Asia and China. He is the author of a new book published by the International Water Association entitled - How to Design Wastewater Systems for Local Conditions in Developing Countries, and he also co-authored chapters in another IWA book - Faecal Sludge Management: Systems Approach for Implementation and Operation. David is an Environmental Studies graduate of Rutgers University-New Brunswick.