



Ecological Engineering Group

Ecological Engineers and Designers

“Where life informs design”™

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Biography of David Del Porto

David Del Porto is the founder and principal designer for Sustainable Strategies, a consulting firm specializing in ecological planning, management and design for residential, commercial and community projects, with a specialty in integrated water conservation, and storm water and waste water reuse.

Del Porto draws on 30 years of experience in the permitting, marketing and advocacy of these technologies. His solar-heated home in Newton, Massachusetts incorporates these principles as it provides space heat, food production, air purification and wastewater treatment all within an attached two-story greenhouse of his design.

In June of 2002, Del Porto founded the Ecological Engineering Group, Inc. to incorporate planning, engineering, architecture, construction management and operation services under one corporate roof. A current project is the construction of a 27,500-gallon-per-day Solar Aquatic greenhouse-based advanced wastewater treatment system for an industrial client in Massachusetts.

He is a guest lecturer at the Harvard University Graduate School of Design and the School of Engineering and Applied Science.

He is a founding director of Ecowaters Projects, a not-for-profit educational organization.

Del Porto has advised on projects for Ford Motor Company, Greenpeace International, the National Science Foundation, the U.S. Environmental Protection Agency, the Department of the Interior, the Republics of Fiji and Palau, the Federated States of Micronesia, public agencies, institutions, municipalities, private companies and individual property owners.

He has also designed site-built water and sanitation systems for government and Greenpeace-sponsored projects in the Pacific islands; and helped write state and national regulations pertaining to low-flush toilets, composting toilets and graywater treatment and use. He has also developed and conducted municipal water conservation and solid waste composting programs.

Del Porto serves on the Joint Committee on Wastewater Technology of NSF International, with which he co-authored performance standards for wastewater treatment technologies. He co-chairs the solar energy committee for the city of Newton, Massachusetts, which is deploying a city-wide solar retrofit program for commercial, residential and municipal buildings. He also serves on the Massachusetts Water Resource Authority's Citizen Advisory Committee.

Over the past 30 years he has been published in numerous conference and hearing proceedings, professional journals, environmental encyclopedias and government publications, and has written a definitive reference book on ecological sanitation and gray water use.

Del Porto is presently a member of the International Ecological Engineering Society, the International Society for Industrial Ecology, the Water Reuse Association, and the Massachusetts Water Supply Advisory Committee, and he serves on many local commissions and committees in the city of Newton, Massachusetts.