

## Bio: David Del Porto

Since 1972, David Del Porto has been a practitioner and advocate of building integrated water efficiency and pollution prevention using the ecological paradigm as a template. 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. He developed the patent-pending technology for the on-site utilization of wastewater for growing valuable plants in a zero-discharge system now trademarked as the EcocyclET™ for more see: <http://www.watersheds.ca/whatwedo/wwg.html>

Del Porto is a guest lecturer at the Harvard University Graduate School of Design and the School of Engineering and Applied Science, the University of Minnesota, Milwaukee School of Engineering and other institutions of higher learning

Del Porto has advised on projects for Ford Motor Company, Greenpeace International, the National Science Foundation, the U.S. Environmental Protection Agency, and 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.

In 2002, Del Porto founded the Ecological Engineering Group which incorporates planning, engineering, architecture, construction management and operation services under one corporate roof. Among many on-site systems, EEG has completed the design and construction of a 27,500-gallon-per-day Solar Aquatic System, a greenhouse-based advanced tertiary wastewater treatment for ground water discharge. For more see: [www.ecological-engineering.com](http://www.ecological-engineering.com)

Del Porto serves on the NSF International Joint Committee on Wastewater Technology Committee of with whom he co-authors performance standards for wastewater treatment technologies. He also serves on the Massachusetts Water Resource Authority's Citizen Advisory Committee. For more see: <http://www.nsf.org/business/wastewater/index.asp?program=WastewaterServices>

He has been published in numerous conferences and hearing proceedings, books, professional journals, environmental encyclopedias and government publications, and has written a definitive reference book on ecological sanitation and gray water use. His latest published works are the chapter "Urban and Industrial Watersheds and Ecological Sanitation- Two sustainable strategies for on-site urban water management," *Rogers, P., Llamas, R., Martinez-Cortina, L., Ed., Water Crisis – Myth or Reality*, Taylor & Francis/Balkema plc, London, UK 2006 and **Reusing the Resource – Adventures in ecological wastewater recycling**, Steinfeld, C and Del Porto, D, Ecowaters Books, Concord, Massachusetts, 2008