

MARSHA GORDEN

The Resource Technologies Group

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www.sustainableresources.com

SUSTAINABLE BUSINESS CONSULTANT

The Resource Technologies Group (TRTG): Cambridge, MA 1997 - Present

Principal of new Material, Water and Energy Resource Consulting Service that:

- Develops 'beyond regulatory compliance' sustainable solutions to reduce resource costs for technology-based companies and public/private organizations.
- Utilizes materials flow analyses to initiate resource-efficient 'virtual eco-industrial' projects as community economic development drivers.
- Organizes business, government, academic and nonprofit teams and partnerships for sustainable water, energy and material resource strategies and programs.
- Provides sustainable resource management case studies and web site documentation for corporate and financial purposes.

Massachusetts Water Resources Authority (MWRA): Boston, MA 1992 - 1996

Manager: Industrial, Commercial & Institutional (ICI) Water Conservation Program

- Re-directed program to include public-private partnerships for encouraging greater water use efficiency at over 1000 Massachusetts businesses and institutions.
- Produced a tenfold increase in conservation audits with targets of food processors, metal finishers, schools and hospitals.

Development Sciences Inc. (DSI): Sagamore, MA (Co-Founder)

Vice President: Examples

1984 - 1991

- Organized corporate and institutional liaisons in US and overseas to encourage more efficient extraction and manufacturing material, water and energy resource use (private client and USAID, TDA and international bank funding.)
- Managed feasibility studies for and developed or evaluated more than 20 industrial conservation and renewable energy programs and projects for regional economic development at sites including Morocco, Egypt, Costa Rica, Guatemala, Barbados, The Philippines, East Asia, East and West Africa and Hawaii (US government, international bank plus local funding.)

Program and Project Manager: Examples

1970 - 1983

- Developed and implemented award winning regional cost-saving environmental water/wastewater program plus projects for industries in SE Massachusetts (US EPA and private client funding.)
- Designed and built computerized industrial EcoSystem of Machines Information System (EMIS) to identify chemical reuse, recovery, treatment and disposal options (NSF Grant.)

EDUCATION and MEMBERSHIPS

Wellesley College: MA in Chemistry (NSF Fellowship with MIT)

Boston University: EdM in Science Education with Honors

Connecticut College: BA in Chemistry

Member: American Institute of Chemical Engineers (AIChE), American Chemical Society, N. E. Environmental Business Council and International Society for Industrial Ecology.

Additional Course Work: University of Pennsylvania, University of Paris and AIChE.

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