

PROFESSIONAL HISTORY

- Amy Vickers & Associates, Inc. (Amherst, MA), President, 1991 to present
- Brown and Caldwell (Boston, MA), Project Manager, 1989-91
- Massachusetts Water Resources Authority, Project Manager, Capital Water Engineering, 1987-89
- New York City Council, Director, Committee on Environmental Protection, 1986-87
- Consultant: NOAA/U.S. Coast Guard, National Academy of Sciences, U.S. Congress, 1983-86
- New York City Department of Environmental Protection, Bureau of Science & Technology, 1981-83

EDUCATION

- M.S., Engineering Sciences, Dartmouth College
- B.A., Philosophy, New York University

EXPERTISE

- Water Conservation/efficiency program planning, technical analysis, and policy development
- Water demand analysis and forecasting for residential, landscape, irrigation, industrial, commercial, institutional, and agricultural customer water use sectors and system infrastructure leakage and losses
- Water use data analytics and efficiency benchmarking
- Benefit-Cost analysis and modeling
- Evaluation of water-efficient technologies, appliances, fixtures, and practices
- Drought planning, response, and coordination
- Site water use and efficiency evaluations—buildings, landscapes, and irrigation (CLIA)
- Legislation, ordinance, policy, and standards development
- Teaching and technical training—workshops, courses, and webinars
- Technical research and writing
- Expert witness testimony

PUBLICATIONS

Ms. Vickers is the author of the award-winning *Handbook of Water Use and Conservation: Homes, Landscapes, Businesses, Industries, Farms* (WaterPlow Press), now in its fourth printing. A Chinese translation of the book is published by China Architecture & Building Press (Beijing, 2015). She has also authored over 100 professional papers, articles, op-eds, book chapters, and numerous other written works as well as federal, state and local legislation that have been adopted into law. In particular, Ms. Vickers is the originator and author of the national water efficiency standards for plumbing products established under the federal U.S. Energy Policy Act of 1992—landmark legislation that is now saving over 7 billion gallons of water daily in the United States. Most recently, she contributed a book chapter, “Drought Mitigation: Water Conservation Tools for Short-term and Permanent Water Savings,” in *Drought and Water Crises: Integrating Science, Management, and Policy, Second Edition*, Edited by D. Wilhite and R. Pulwarty (CRC Press/Taylor & Francis Group, 2017).

PUBLIC SPEAKER/LECTURER/EXPERT WITNESS

Ms. Vickers is a frequent public speaker at professional conferences, universities, and other public forums concerned with water supply, conservation, efficiency, and related issues for cities, homes, businesses, industries, farms, and the environment. She has also served as an expert witness before numerous public utility commissions, code authorities, state and city legislatures as well as the U.S. Congress and the Parliament of Great Britain.

AWARDS

- Water Star Award (2014), Alliance for Water Efficiency
- Benjamin Franklin Award (2002), Independent Book Publishers Association (formerly PMA)

PROFESSIONAL ORGANIZATIONS & AFFILIATIONS

- Alliance for Water Efficiency
 - WaterSense And Water-Efficient Products Committee
 - Water Efficiency Research Committee
 - Education & Outreach Committee
 - Board of Directors, Member (2006-2010)
- American Water Works Association
 - Member, Water Conservation Div., Efficiency & Technology Committee
 - Member (past), Water Loss Control Committee
 - Member (past), Editorial Advisory Board, *Journal AWWA*
- Dartmouth Society of Engineers
- Editorial Advisory Boards (past): *Journal AWWA* and *On Tap* (National Drinking Water Clearinghouse)
- Irrigation Association, Certified Landscape Irrigation Auditor (CLIA)
- New England Antiquities Research Association
- Northeast Organic Farming Association (NOFA)

CONTACT INFORMATION

Amy Vickers & Associates, Inc.
Amherst Office Park
441 West Street
Amherst, MA 01002 USA
Tel: 413/253-1520
ava-inc at amyvickers.com
[Amy Vickers & Associates, Inc.](#)
[WaterPlow Press](#)

RECENT FAVORITE QUOTE:

“The question is not what you look at, but what you see.”
–Henry David Thoreau

MISCELLANEOUS PREVIOUS EMPLOYMENT...

- * Horse herder
- * Goat herder
- * Hospital cable TV operator
- * Deli/Bakery bookkeeper
- * Hazardous materials/oil spill emergency responder
- * Telephone Repairperson, Coney Island-Brighton Beach, NY
- * Fuller Brush salesperson & manager (3 summers during college)
- * *Candidate*, Singing Telegram deliverer, Eastern Onion Singing Telegram Company, New York, NY
- * Greenhouse & flower shop worker
- * House packer
- * Reader for the blind
- * Snow shoveler
- * Leaf raker
- * Dog walker
- * Cat sitter