

Resume of Peter C. Fletcher

EDUCATION:

- 1975-1979 University of Massachusetts, Amherst, Massachusetts
Master of Science, Plant and Soil Sciences Department May 1979
- 1971-1972 University of Massachusetts, Amherst, Massachusetts
Eighteen credit hours to qualify for Soil Scientist position
with the USDA - Soil Conservation Service
- 1962-1967 Miami University, Oxford, Ohio
Bachelor of Science in Applied Science May 1967

CERTIFICATION:

- 2006-Present Soil Evaluator. Certified by the Commonwealth of Massachusetts
Department of Environmental Protection SE #3027
- 1995-Present Certified Title 5 System Inspector, Commonwealth of Massachusetts Department of
Environmental Protection
- 1987-Present Certified Professional Soil Scientist and Certified Professional Soil
Classifier (CPSS/SC), Certification Number: 02703. Certified by the
American Registry of Certified Professionals in Agronomy,
Crops and Soils, Madison, Wisconsin
- 1980-Present Certified Professional Soil Scientist. Certified by the Society of Soil
Scientists of Southern New England, Storrs, Connecticut
- 1987-Present Qualified Soil Scientist, Certification Number: 059. Certified by the
State of New Hampshire Board of Natural Scientists.

SPECIAL TRAINING:

- 1979-Present Advanced Hydric Soils for Soil Scientists - USDA Natural Resources
Conservation Service, August 1996
- Regulatory IV - Wetland Identification and Delineation - US Army
Corps of Engineers, August 1995
- Designing Innovative Septic Systems - Rhode Island On-Site
Wastewater Training Program, October 1995
- Directed Study - Geographic Information Systems - Bridgewater State
College, Bridgewater, Massachusetts
- Soil Taxonomy Workshop, SCS - Durham, New Hampshire
- Soil Science Institute, 14 CEUs, Iowa State University, Iowa

Laboratory Data Use, SCS - National Soil Laboratory, Lincoln, Nebraska

Soil Engineering, SCS - National Soil Laboratory, Lincoln, Nebraska

Soil Correlation, SCS - Technical Services Center, Pennsylvania

PUBLISHED:

Authored Barnstable County Soil Survey Report. Published March 1993.

Co-authored Dukes County Soil Survey Report. Published September 1985.

Co-authored Bristol County Soil Survey Report, Southern Part. Published October 1981.

EXPERIENCE:

1/1998-Present Soil Scientist, Self-Employed.

Responsibilities:

- Lead instructor for State Certification Program for Soil Evaluators for On-Site Sewage Disposal, sponsored by the Massachusetts Department of Environmental Protection
- Consultant/instructor for Connecticut Department of Public Health, Environmental Engineering Program, Soils Training Workshops
- Teach soil courses at the University of Massachusetts Amherst.
- Conduct on-site investigations and provide technical reports
- Presenter and trainer for technical workshops
- Expert witness for Town, State and Federal units of government

1993-12/1997 Soil Scientist, Member Technical Team Specializing in Urban Issues, USDA - Natural Resources Conservation Service

Responsibilities:

- Conduct on-site soil investigations and provide technical Services on statewide level
- Provide leadership and maintain liaison with state and federal regulatory personnel on soil interpretations for various land issues
- Train state and federal regulatory staff, and private sector groups in the interpretation and use of soils information

1985-1993 Soil Scientist/Project Leader, USDA - Soil Conservation Service

Responsibilities:

- Provide soil expertise to users of soil survey information within Eastern Massachusetts
- Coordinate and supervise the update of the Plymouth County Soil Survey
- Conduct field soil mapping and compile soil survey maps
- Prepare detailed soil surveys and reports for proposed subdivisions, industrial sites, wildlife reserves, town and state lands

1975-1985 Soil Scientist, USDA - Soil Conservation Service, Southeastern Massachusetts

- Coordinate the completion of the field mapping and development of the manuscript for the publication of the Barnstable Country Soil Survey Report
- Conduct field soil mapping and compile soil survey maps
- Provide soil expertise to users of soil survey information within Southeastern Massachusetts

1976-1977 Graduate Teaching Assistantship (Fall and Spring Semesters), University of Massachusetts, Amherst, MA

1972-1975 Soil Scientist, USDA - Soil Conservation Service, Pittsfield and Hadley, MA
Conduct field soil mapping and compile soil survey maps

1971-1972 Draftsperson, USDA – Soil Conservation Service, Amherst, MA

1968-1970 United States Marine Corps

SPECIAL PROJECTS:

1999-Present Conducted field studies and prepared technical reports for use in court litigation for private individuals and units of government. Retained as an expert witness for court testimony.

1997- Present Member and former chairperson for the New England Hydric Soils Technical Committee.

1990-Present Teach undergraduate/graduate level course, Soil Morphology and Mapping, Division of Continuing Education and the Department of Plant and Soil Sciences, University of Massachusetts, Amherst, MA

2001-2006 Instructor for US Army Corps of Engineers, Regulatory IV Training Course for Federal Employees within the New England Region

1998-Present Teach undergraduate level course, Soil Identification and Landuse Interpretation, Department of Earth Sciences and Geography, Bridgewater State College, Bridgewater, MA

1995-Present Lead Instructor for Certification Workshops for Soil Evaluators for On-site Sewage Disposal, sponsored by the Massachusetts Department of Environmental Protection

1992-1993 On interagency loan to the US Environmental Protection Agency as A member of a Technical Team researching three suspected wetland violations. Responsibilities included:

- Investigated, documented and determined the extent of altered hydric soil conditions
- Prepared a technical report for court litigation

1991-1992 Member of the Interagency Team assembled to field test in New England the 1991 proposed revisions to the Federal Wetlands Manual. Responsibilities included:

- Identify and document hydric soil conditions at test sites within the six New England states
- Delineate hydric/non-hydric soil boundaries using criteria from the 1987 and 1989 Federal Wetlands Manual and the 1991 proposed revisions to the Federal Wetlands Manual

1989-1990 On interagency loan to the US Army Corps of Engineers, New England Division. Responsibilities included:

- Provide training to COE staff in Soil Science with emphasis on the field identification and delineation of hydric soils
- Assist in developing Guidelines for Soil Drainage Class criteria to be used in the New England Region to identify hydric soil conditions

SPECIAL RECOGNITION:

- 2006 Soil Science Society of America, 2006 Irrrometer Professional Certification Service Award
- 2005 Silver Spade Award for the Advancement of Soil Science, presented by the Society of Soil Scientists of Southern New England.
- 2005 2005 Environmental Service Award, Environmental/Conservation Educator of the Year, presented by the Massachusetts Association of Conservation Commissions.
- 1992 Certificate of Appreciation: Massachusetts SWAT Team.
Recognition for framing out and developing an excellent urban/community assistance initiative for eastern Massachusetts
- 1992 Certificate of Appreciation: USDA Recognition: FY 92
Plymouth County Soil Survey for Outstanding Performance exceeding all aspects of position
- 1992 Plymouth County Conservation District
Recognition: Special Service to Plymouth County
- 1992 Special Achievement Award - USDA
Recognition: in Special Recognition for exceptional efforts and leadership to the Massachusetts Training Committee
- 1991 Commendation Award, National Soil and Water Conservation Society, in recognition of distinguished professional achievement and service at the local and state levels in carrying out goals and objectives of the Soil and Water Conservation Society

PROFESSIONAL AFFILIATIONS:

- 1976-Present Society of Soil Scientists of Southern New England
Vice President 1982-1984, President 1984-1985
- 1984-Present Soil Science Society of America
- 1998-Present Association of Massachusetts Wetland Scientists
- 2004-Present Massachusetts Association of Conservation Commissions