

Christopher M. Sigmund

EDUCATION

Fall 1997:

University of Connecticut, Storrs, Connecticut

Master of Science Natural Resources: Land, Water and Air

Concentration – Water Resources Management

Thesis Topic: The Fate and Transport of Nitrogen in a Forested Riparian Zone

Fall 1993:

University of Connecticut, Storrs, Connecticut

Bachelor of Science: Biological Sciences

Concentration: Ecology and Evolutionary Biology

WORK EXPERIENCE

January 2002 to Present:

President

TeamAg, Inc.

Responsibilities include company management, the oversight of consulting services, business development, development of new services and provide consulting services to livestock and crop producers and municipalities in areas relating to nutrient management, soil conservation and environmental compliance.

August 1998 to December 2001:

Project Manager: Specialist – Waste/Nutrient/Water Resource Management

Brubaker Agronomic Consulting Service, LLC.

Responsibilities include project management of environmental studies, development of permits for both state and federally regulated activities, nutrient management planning and office work pertaining to the writing and development of scientific reports.

September 1995 to May 1997:

Graduate Research Assistant

University of Connecticut, Storrs, Connecticut

Conducted a scientific research project concerning nitrate removal from ground water in a riparian zone. Thesis topic – The fate and transport of nitrogen in a riparian zone. Presented research at the Southern New England Soil and Water Conservation Society. Managed, tabulated, analyzed, and summarized field data used in comprehensive reports written for the Connecticut Department of Environmental Protection and the USEPA.

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May 1995 to August 1995:

Hydrologic Technician

United States Geological Survey (USGS), Hartford, Connecticut

Collected data for USGS water quality projects: National Water Quality Assessment (NAQWA) Stream Network, NAWQA Sediment Analysis, Lake Study, and Long Island Sound Study of Non-Point Source Pollution. Collected water and sediment samples and installed and maintained field equipment. Determined physical and chemical properties of water samples.

Work Experience Continued:

September 1994 to May 1995

Student Research Specialist II

University of Connecticut, Storrs, Connecticut

Provided extensive support on a research project concerning the effects of riparian zone restoration on ground water nitrate concentrations.

January 1994 to October 1994 and May 1993 to October 1993

Field Research Assistant

Connecticut Department of Environmental Protection, Bureau of Fisheries, Hartford, Connecticut

Participated in five fisheries management projects: Largemouth Bass, Walleye, Trout, Northern Pike, and Lakes and Ponds Survey. Provided extensive research and logistical support during electro-shock fishing trips. Conducted creel and plankton surveys and determined dissolved oxygen profiles.

CERTIFICARTIONS

Pennsylvania Nutrient Management
Maryland Nutrient Management
Certified Technical Service Provider for USDA-NRCS

PUBLICATIONS

Journal of Environmental Quality

Christopher M. Sigmund

COMMITTEES AND ASSOCIATIONS

Lititz Run Watershed Alliance

Lititz Area Drinking Water and Source Assessment and Protection Program

ELACO Source Water Collaborate – Steering Committee

Octoraro Source Water Collaborate – Steering Committee, Finacne Subcommittee

Lancaster Urban Farming Initiative - Board Member

Pennsylvania Chesapeake Bay Phase 3 Watershed Implementation Plan Steering Committee