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**Education** Ph.D. Geology 1997, Rutgers University, New Brunswick, NJ  
M.S. Geology 1984, University of Connecticut, Storrs, CT  
B.S. Geology 1982, Ohio University, Athens, OH

**Certifications** 2016 New York State certified professional geologist November 21, 2016  
1995 Pennsylvania certified professional geologist No. PG-002074-G

## **Professional Organizations**

2014 to present – Member of the Geological Society of America  
1989 to 2016 – Board member of the Geological Association of New Jersey (president 2015)

## **Employment**

**2017 to present – Consulting geologist (self-employed)**– Structural geologist specializing in surface and shallow-subsurface geological and geophysical investigations for groundwater-supply, groundwater-pollution, and aggregate-resource-assessment projects.

**2018 – Raritan Valley Community College, Branchburg, NJ** - Adjunct professor(Introductory geology). Website URL: <http://www.impacttectonics.org/GEOL157/Index.html>

**2013 to present - The College of New Jersey, Ewing, NJ** – Adjunct professor (Introductory geology). Website URL: <http://www.impacttectonics.org/PHY120/Index.html>

**2012 - 2015 - Rider University, Lawrenceville, NJ** – Adjunct professor (structural geology). Website URL: <http://www.impacttectonics.org/GEO310/Index.html>

## **1984 - 2016 New Jersey Department of Environmental Protection**

### **New Jersey Geological and Water Survey 1985 – 2016**

1996 – 2016 Research Scientist 1, Bureau of Water Resources – Researched the physical properties of fractured-bedrock aquifer systems using borehole geophysics in support of groundwater-supply and pollution projects.

1992 – 1995 Supervising Geologist, Bureau of Ground Water Resources Evaluation – Developed and managed a computer lab for developing digital geoscience themes and map production. Developed computer software to visualize subsurface geophysical data.

1985 – 1991 Principal Geologist, Bureau of Geology and Topography - Mapped bedrock strata and structures in faulted and folded sedimentary, igneous, and metamorphic bedrock. Co-authored the state geological map and wrote computer software to manage and process geological data.

### **Site Remediation Program, Water Quality Management Element 1984 -1985**

Assistant Geologist, Bureau of Ground Water Discharge Permits – Reviewed environmental impacts associated with hazardous waste facility discharges to groundwater.

**1981 and 1982 Amoco Production Company** – Petroleum geologist during summer employment.

**Publications and websites** - 1 book, 2 guidebooks with conference proceedings, 32 articles and reports, 14 abstracts, 9 maps and 10 digital-data products. A complete list of publications is available at <http://www.impacttectonics.org/gcherman/publications.htm>.