

Mark Folsom
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EDUCATION

- 2005–2006 **State University of New York at New Paltz**, New Paltz, NY
Bachelor of Arts, GPA: 3.90, Major: Geography, Minor: Geology
Study areas: Natural Resources/Energy, Conservation/Environmental Impact, Geography of Hazards, Cartography, Stratigraphy and Sedimentology, Introductory Hydrogeology.
- 2000–2003 **State University of New York at Ulster**, Stone Ridge, NY
Certificate: Geographic Information Systems, GPA: 3.89
Study areas: ESRI ArcView 3.2, ESRI ArcGIS 8.3, Advanced Vector and Raster, Advanced GIS Applications: Watershed Management and Protection, Applied GIS Internship and Field Work, Visual Basic 6.0, Historical Geology, Environmental Geology.
- 1983–1985 **Southern Maine Technical College**, South Portland, ME
Associates Degree in Applied Science: Building Construction Technology
Study areas: Architectural Drafting, Surveying, Strength of Materials, Welding/Casting, Residential and Industrial Construction (including alternative energy technologies), Finish Carpentry, Business Management, Economics.
- 1982–1983 **Wentworth Institute of Technology**, Boston, MA
Major: Mechanical Design Engineering Study areas: Engineering Mechanics, Mechanical Design, Mechanical Drafting, Hydraulics and Pneumatics, Metallurgy.

WORK HISTORY

- 2007-2008 **Scenic Hudson Land Trust**, Poughkeepsie, NY
Park Management Assistant, Responsibilities include: GIS database and field mapping of infrastructure, invasive species; vernal pool studies at properties within the Hudson River watershed. Projects included independent field work, supervision of land stewardship projects such as trails and bridges, office-based GIS, database creation and management.
- 2003 **Hudsonia Ltd.**, Annandale, NY
Mapping and Sampling Japanese Knotweed Stands along the Batavia Kill, Greene County, NY. Research Assistant: Create GIS project of the Batavia Kill study area vegetation class mapping with knotweed occurrences, produce printed maps, key, and document process.
- 1998-2003 **Stone Ridge Cabinetworks**, Kerhonkson, NY
Project Supervisor: Cabinet design, material estimates, fabrication and installation, and direct consultation with architects, clients, and designers.
- 1996 **National Science Foundation**, U.S. Antarctic Research Program, McMurdo Sound Base.
Support staff: Maintenance, cabinetwork, and support of scientific research facilities.
- 1989–1996 **Appalachian Mountain Club**, Pinkham Notch, NH
Project Supervisor: Design, fabrication, installation of alternate energy systems, cabinetry, and maintenance of AMC facilities throughout the Northeast. DrafixCad and Alpha software database systems.

ABSTRACTS AND PRESENTATIONS

- **Folsom, M.**, 2004, *Paleontology and Geomorphology of Fossiliferous Cave, Ulster County, New York.* Northeast Natural History Conference VIII, New York State Museum, Albany, NY. Abstract published in conference proceedings.
- **Folsom, M.**, 2003, Documenting Social Trails Along the Trapps Cliffs in the Mohonk Preserve, with Impact Comparisons to Other Local Climbing areas. Beacon Conference for Student Scholars (finalist), State University of New York at Ulster. Abstract published in proceedings.
- Rubin, P., Burmeister, K., **Folsom, M.**, 2005, *Karst Resource Management: Groundwater Protection and Developmental Considerations in the Kingston-Rosendale Aquifer System; Ulster County, N.Y.* 2005 National Cave and Karst Management Symposium, Albany, NY. Abstract published in conference proceedings.
- **Folsom, M.**, 2003, *Paleontology and Geomorphology of Fossiliferous Cave, Ulster County, New York*, Northeast Geology and Environmental Sciences Silver Jubilee Symposium Proceedings August, 2003. Published in Northeast Geology and Environmental Sciences Journal, vol.26, nos. 1&2, 2004, pg. 48.
- Rodden, M. A., **Folsom, M.** 2003, *Environmental Chemistry Supporting a Watershed Management and Protection Plan.* Northeast Geology and Environmental Sciences Silver Jubilee Symposium Proceedings, Troy, New York.
- Rubin, P. A., Waines, R., **Folsom, M.** et al. 2003, *Hydrology and Geology of the Swarte Kill and Black Creek Basins, Eastern New York State.* Northeast Geology and Environmental Sciences Silver Jubilee Symposium Proceedings, Troy, New York.

REFERENCES

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