

John Henderson Porter

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EDUCATION:

Ph.D. Environmental Sciences, University of Virginia, January 1988.
M.S. Environmental Sciences, University of Virginia, May 1979.
B.S. Biology and English, Dickinson College, May 1976.
A.A. Liberal Arts and Sciences, Montgomery College, June 1974.

EMPLOYMENT:

Research Associate Professor, Dept. of Environmental Sciences (UVA August 2004- present)
Research Assistant Professor, Dept. of Environmental Sciences (UVA January 1991-August 2004).
Information Manager, Virginia Coast Reserve Long-Term Ecological Research Project (UVA December 1987 - Present).
Program Director, Biological Database Activities, Biological Instrumentation and Resources, National Science Foundation, part-time (May 1994-August 1995)
Research Associate, Dept. of Environmental Sciences (UVA December 1987- January 1991).
Statistical Consultant, Academic Computing Center (UVA August 1984 - August 1987).

Professional Societies & Other Activities:

Member, User Working Group, ORNL Distributed Active Archive Center 2004-
Co-Chair, User Working Group, NASA Global Change Master Directory, Goddard Space Flight Center 2002
Member, Biological Data Working Group of the Federal Geographic Data Committee
Chair, Long-Term Studies Section of the Ecological Society of America, 1996-1998
Vice-Chair, Statistical Ecology Section of the Ecological Society of America, 1993-1995.
Secretary, Long-Term Studies Section of the Ecological Society of America, 1993-1995.
Member, Ecological Society of America
Member, American Society of Mammalogists
Member, LTER Executive Committee, 1998-2002
Member, LTER Data Managers' Task Force, 1989-1994, 1996-1999.

5 RELEVANT PUBLICATIONS:

- Porter, J.H. 2000. Scientific databases. In W.K. Michener and J. Brunt. *Ecological Data: Design, Processing and Management*. Blackwell Science Ltd., London.
- Baker, K.B. B.J. Benson, D.L. Henshaw, D. Blodgett, J.H. Porter, and S.G. Stafford. 2000. Evolution of a Multisite Network Information System: The LTER Information Management Paradigm. *BioScience* 50(11): 963-978.
- Porter, J.H. and J.L. Dooley, Jr. 1993. Animal dispersal patterns: a reassessment of simple mathematical models. *Ecology* 74:2436-2443.
- Porter, J. H., and D. R.D. 1989. A comparison of methods for measuring small mammal dispersal by use of a Monte-Carlo simulation model. *J. Mammalogy* 70:783-793.
- Porter, J. H., and R. D. Dueser. 1986. A test for suppression of body growth and sexual maturity in small male meadow voles (*Microtus pennsylvanicus*) in field enclosures. *Am. Midl. Nat.* 115:181-190.

ADDITIONAL PUBLICATIONS

- Porter, J. H., and K. W. Ramsey. 2002. Integrating ecological data: tools and techniques. Pages 396-401 *in* N. Callaos, J. H. Porter, and N. Rishe, editors. *Proceedings of the 6th World Multiconference on Systemics, Cybernetics and Informatics: Volume VII Information Systems Development II, July 14-18, 2002*. International Institute of Informatics and Systemics, Orlando, Florida, USA.
- Michener, W., J.H. Porter and S. Stafford. 1998. *Data and Information Management in the Ecological Sciences: A Resource Guide*. LTER Network Office Albuquerque, New Mexico
- Olson, R. J., J. M. Briggs, J. H. Porter, G. R. Mah, and S. G. Stafford. 1999. Managing Data from Multiple Disciplines, Scales, and Sites to Support Synthesis and Modeling. *Remote Sensing Environment* 70:99-107.
- Porter, J.H. and J.T. Callahan. 1994. Circumventing a dilemma: historical approaches to data sharing in ecological research. In W.K. Michener, S. Stafford and J.W. Brunt (eds.). "Environmental Information Management," Taylor and Francis, Bristol, PA pp. 193-203.
- Dueser, R.D. and J.H. Porter. 1986. Habitat use by insular small mammals: relative effects of competition and habitat structure. *Ecology* 67: 195-201.

COLLABORATORS:

Graduate Committee: R.D. Dueser (Utah State Univ.), H.H. Shugart (Univ. Virginia), D.Cambell (Univ. Colorado), R.K. Rose (Old Dominion Univ.), A. Howard (Univ. Virginia), W.T. Odum.

Students: D. Richardson C. Cosgrove, F. Daria, P.Halpin, M. Palace, J. Barris, M. Lefsky, D. Mikesell, Stephanie Harbeson, Sharon Wilson (Univ. Virginia)

Collaborators (last 48 months): Nancy Moncrief (VA Mus. Natural History), Barry Truitt (The Nature Conservancy), Donald Young (Virginia Commonwealth Univ.), Michael Erwin (USGS), F. Day, G. Oertel, (Old Dominion University), I. Anderson, (Virginia Institute of Marine Sciences), R. Christian, M. Brinson (Eastern Carolina University), Shao Guofan (Purdue), T. Donato, C. Bachman (Naval Research Laboratory), K. Ramsey (NMSU), Peter Arzberger (UCSD), Paul Hanson, Tim Kratz (UWisc), Stuart Gage (MSU), Thomas Williams (airnetworking.com), Sedra Shapiro, Pablo Bryant (SMER, SDSU), Fang-Pang Lin (National Center for High-Performance Computing, Taiwan), Chau-chin Lin (Taiwan Forestry Research Institute), Todd Hansen, Hans-Werner Braun (San Diego Supercomputer Center), William Michener (UNM)