

Selected Publications (from a total of 232)

Books:

Aber, J.D., T. Kelly and B. Mallory (eds.). 2009. *The Sustainable Learning Community: One University's Journey to the Future*. University Press of England. 267pp.

Foster, D.R. and J.D. Aber (eds.). 2004. *Forests in Time: The Environmental Consequences of 1000 Years of Change in New England*. Yale University Press, New Haven. 477pp.

Aber, J.D. 2001 and J.M. Jelilo. 2001. *Terrestrial Ecosystems* (2nd Ed.) Academic Press. 556pp.

Peer Reviewed Papers:

Richardson, A.D., D.Y. Hollinger, J.D. Aber, S.V. Ollinger and B.H. Braswell. 2007. Environmental Variation is directly responsible for short- but not long-term variation in forest-atmosphere carbon exchange. *Global Change Biology* 13:788-803

Chapin, III, F.S., G.M. Woodwell, J.T. Randerson, G.M. Lovett, E.B. Rastetter, G.M. Lovett, D.D. Baldocchi, D.A. Clark, M.E. Harmon, D.S. Schimel, R. Valentini, C. Wirth, J.D. Aber, J.J. Cole, M.L. Goulden, J.W. Harden, M. Heimann, R.W. Howarth, P.A. Matson, A.D. McGuire, J.M. Melillo, H.A. Mooney, J.C. Neff, R.A. Houghton, M.L. Pace, M.G. Ryan, S.W. Running, O.E. Sala, W.H. Schlesinger, E.-D. Schulze. 2006. Reconciling Carbon-Cycle Concepts, Terminology, and Methodology. *Ecosystems* 9:1041-1050

Fahey, T.J., T.G. Siccamo, C.T. Driscoll, G.E. Likens, J. Campbell, C.E. Johnson, J.J. Battles, J.D. Aber, J.J. Cole, M.C. Fisk, P.M. Groffman, S.P. Hamburg, R.T. Holmes, P.A. Schwarz, R.D. Yanai. 2005. The Biogeochemistry of Carbon at Hubbard Brook. *Biogeochemistry* 75:109-175

Aber, J.D. and A.H. Magill. 2004. Chronic Nitrogen Additions at the Harvard Forest: The First Fifteen Years of a Nitrogen Saturation Experiment. *Forest Ecology and Management* 196:1-6

Magill, A.H., J.D. Aber, W. Currie, K.J. Nadelhoffer, M.E. Martin, W.H. McDowell, J.M. Melillo and P. Steudler. 2004. Ecosystem Response to 15 years of Chronic Nitrogen Additions at the Harvard Forest LTER, Massachusetts, USA. *Forest Ecology and Management* 196:7-28

Galloway, J.N., J.D. Aber, J.W. Erisman, S.P. Seitzinger, R.H. Howarth, E.B. Cowling and B.J. Cosby. 2003. The Nitrogen Cascade. *Bioscience* 53:341-356

Aber, J.D., C.L. Goodale, S.V. Ollinger, M.-L. Smith, A.H. Magill, M.E. Martin, J.L. Stoddard. 2003. Is nitrogen altering the nitrogen status of northeastern forests? *BioScience* 53:375-390

Aber, J.D., S.V. Ollinger, C.T. Driscoll, G.E. Likens, R.T. Holmes, R.J. Freuder, and C.L. Goodale 2002. Inorganic N losses from a forested ecosystem in response to physical, chemical, biotic and climatic perturbations. *Ecosystems* 5:648-658

Aber, J.D. 2001. Reaching Scientific Consensus and Informing Public Policy. *BioScience* 51:699

Aber, J.D., W.H. McDowell, K.J. Nadelhoffer, A. Magill, G. Berntson, M. Kamakea, S.G. McNulty, W. Currie, L. Rustad and I. Fernandez. 1998. Nitrogen saturation in temperate forest ecosystems: hypotheses revisited. *BioScience* 48:921-934