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Education:

1976	University of Virginia	B.A.	(Environmental Science)
1987	University of South Carolina	M.S.	(Marine Science)
1981	University of Georgia	Ph.D.	(Zoology)

Professional Positions:

1981 – 1984	Post-Doctoral Associate, Institute of Ecology, University of Georgia
1984 – 1985	Assistant Ecologist, Institute of Ecology, University of Georgia
1985 – 1991	Assistant Scientist, Institute of Ecosystem Studies, The New York Botanical Garden, Mary Flagler Cary Arboretum
1991 – 1997	Associate Scientist, Institute of Ecosystem Studies
1997 – Present	Scientist, Institute of Ecosystem Studies

Research Interests and Activities:

- Contribution of dissolved organic carbon to aquatic microbial food webs; relationship between microbial community structure and gradients of microbial function; use of extracellular enzyme “fingerprints” to characterize the biologically relevant composition of dissolved organic matter; effects of human-induced changes in tidal marsh vegetation on nutrient retention and other wetland functions; contribution of submersed aquatic vegetation to organic matter and oxygen budgets of the Hudson River.

Selected Publications (10 most recent):

Findlay, S. E. G., and R. L. Sinsabaugh. 2006. Large-scale variation in subsurface stream biofilms: A cross-regional comparison of metabolic function and community similarity. *Microbial Ecology* 52:491-500.

Gutierrez, J.C.G. Jones, P.M. Groffman, S.E.G. Findlay, O.O. Iribarne, P.D. Ribeiro and C.M. Bruschetti. 2006. The contribution of crab burrow excavation to carbon availability in surficial salt-marsh sediments. *Ecosystems* 9:647-658.

Caraco, N., J. Cole, S. E. G. Findlay, C. Wigand. 2006. Vascular plants as engineers of oxygen in aquatic systems. *Bioscience* 56:219-225.

Findlay, S. E. G., W. C. Nieder, and D. T. Fischer. 2006. Multi-scale controls on water quality effects of submerged aquatic vegetation in the tidal freshwater Hudson River. *Ecosystems* 9:84-96.

- Hummel, M., and S. Findlay. 2006. Effects of Water Chestnut (*Trapa natans*) Beds on Water Chemistry in the Tidal Freshwater Hudson River. *Hydrobiologia* 559:169-181
- Bernhardt, E. S., G. E. Likens, R. O. Hall, D. C. Buso, S. G. Fisher, T. M. Burton, J. L. Meyer, M. H. McDowell, M. S. Mayer, W. B. Bowden, S. E. G. Findlay, K. H. Macneale, R. S. Stelzer, and W. H. Lowe. 2005. Can't see the forest for the stream? In-stream processing and terrestrial nitrogen exports. *BioScience* 55(3):219-230.
- Templer, P. H., G. M. Lovett, K. C. Weathers, S. E. Findlay, and T. E. Dawson. 2005. Influence of Tree Species on ¹⁵N sinks within forests of the Catskill Mountains, New York, USA. *Ecosystems* 8:1-16.
- Findlay, S. E. G. 2005. Increased carbon transport in the Hudson River: unexpected consequence of nitrogen deposition? *Frontiers in Ecology and the Environment* 3(3):133-137.
- Kirchman, D. L., A. Dittel, S. E. G. Findlay, and D. T. Fischer. 2004. Changes in bacterial activity and community structure in response to dissolved organic matter in the Hudson River, New York. *Aquatic Microbial Ecology*. 35:243-257.
- Nieder, W. C., E. M. Barnaba, S. Findlay, S. Hoskins, N. Holochuk, and E. A. Blair. 2004. Distribution and abundance of submerged aquatic vegetation in the Hudson River Estuary. *Journal of Coastal Research* 45:150-161.