



John C. Swallow, Ph.D., LSP, PG
Director of Environmental Science

- Principal and founder of the firm Pine & Swallow Environmental
- Professional practice since 1974 in the areas of environmental science, soil science, land reclamation and horticulture
- Licensed Site Professional (LSP)
- Owned and operated a commercial nursery for 19 years
- Ph.D., Massachusetts Institute of Technology, Organic Chemistry
- A.B., Colgate University, Chemistry

Professional Experience in Soils and Horticulture

Dr. Swallow's professional soils and horticulture practice spans three decades and has emphasized service in the areas of soil chemistry, analysis of environmental conditions for plant growth, urban tree planting techniques, and site rehabilitation. Dr. Swallow was a presenter on soils in the built-landscape at ASLA National Conferences since 2008 and lectures at the Harvard Graduate School of Design. He has served on the Sustainable Sites Initiative (SITES) Technical Core and Soils Committees for many years.

Specializing in assessment of soil and water resources, Dr. Swallow has developed unique sampling and analytical methods to maximize the reuse of project soil and water assets. Manufactured soil blends incorporating onsite earth materials are designed to meet project requirements. He designs storm water management systems incorporating bio-swales, water harvesting and infiltration surfaces. Dr. Swallow has had extensive experience with urban and rooftop planting environments and has been involved with P&S's development of a structural soil for sustainable horticultural developments.

Dr. Swallow's horticultural projects range from initial site investigations to detailed design of soil-water-horticultural systems, construction specifications and construction observation. He also directs P&S's soil analytical laboratory, which is available for project site assessment and construction monitoring. Additionally, Dr. Swallow is a Licensed Site Professional and has managed many soil and groundwater investigations and remedial design implementations. His worldwide built-projects range from new embassies in war zones to campus projects to farms on remote islands to mega parks on urban islands and lots in between.

Professional Registrations and Affiliations

American Society of Landscape Architects

Commonwealth of Massachusetts – Licensed Site Professional (LSP) #6331

State of New Hampshire – Licensed Professional Geologist #00489

Selected Projects

China Basin Park, San Francisco, CA

Salesforce Park, San Francisco, CA

Arlington National Cemetery Southern Expansion, Arlington, VA

Cambridge Crossing, Cambridge, MA

Princeton University, Princeton NJ - Multiple projects

Smithsonian Institute, Washington DC - Multiple Projects

One Beverly Hills, Beverly Hills, CA

Pentagon Green Roof, Arlington VA

Brooklyn Bridge Park, NYC