

John M. Hagan, Ph.D. is Director of the Forest Conservation Program at Manomet Center for Conservation Sciences. He has studied biodiversity in Maine's forests since 1992. He is a Cooperating Scientist with the Cooperative Forest Research Unit at University of Maine, and an Honorary Research Associate at the University of New Brunswick. He has served on the Maine SFI Verification Oversight Panel. With Whitman, (below) he has conducted a variety of landowner/landmanager biodiversity training classes.



Andrew A. Whitman is a Forest Ecologist with Manomet. Whitman has studied forest structure, birds, herbaceous plants, mosses, lichens, and insects. He has developed and tested new forest practices designed to protect biodiversity. Recently he developed the LS (late-successional) Index, a rapid-assessment tool designed to help foresters evaluate northern hardwoods and upland spruce fir forest. He has also conducted FSC certification audits.



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Late-successional Forest Management Systems for Sustainable Forestry Certification



Consideration of all forest age-classes, including **late-successional** and **old-growth** (LSOG) forest, has become an integral element of **sustainable forestry**. Managing for an age-class well beyond the financial optimum rotation length is challenging, but not impossible. With a well-designed, science-based decision-making framework for LSOG management, you can maintain or even restore important attributes of LSOG forest and still harvest timber. Commercial timberlands, conservation easements, and even conservation properties can benefit from having an appropriate decision-making framework to protect LSOG forest.

Manomet Center for Conservation Sciences can develop a Late-successional/Old-growth Management System (LSOG MS) for your timberland that is consistent with your forest management goals. We can help you set up practices, policies, and monitoring systems that demonstrate to forest certification auditors, funders, or the interested public, how you are managing for this socially and ecologically important component of sustainable forestry. An LSOG MS can be integrated into your current reporting system for sustainable forestry.

Developing a Late-successional / Old-growth (LSOG) Management System for your Timberland Ownership

We can provide you with the following:

- LSOG objectives and targets that consider your timberland financial objectives.
- Development of LSOG Best Management Practices tailored to your ownership.
- Staff training on how to quickly and efficiently identify key LSOG ecological elements.

- Development of a suite of harvest strategies that protect LSOG features.
- Practical Integration of LSOG assessment and monitoring into your timber inventory system.
- Development of a written, coherent, and simple LSOG decision-making framework as a part of your overall environmental management system.

For more information, contact Dr. John M. Hagan at 207-721-9040, or e-mail jmhagan@ime.net. Pricing is dependent on the landbase, landowner objectives, and number of services needed.



We can help you quickly identify late-successional and old-growth species and structures. This quantitative information can be integrated into a simple, defensible decision-making framework for LSOG conservation and management.

