Decision Methods for Forest Resource Management

Joseph Buongiorno and J. K. Gilless, University of Minnesota

Abstract: This presentation will discuss teaching and learning forest resource management methods, for senior undergraduates, first year graduate students, and professionals in forestry, natural resource management, as well as other fields of environmental science. It will review some key methods of scientific forest management. Simple models dealing with the ecological and economic impact of alternative management decisions, in even-aged and uneven-aged forests will be discussed. The relevant decision methods will be presented with spreadsheet models, using a variety of examples.