Timber Supply Model 96: A Global Timber Supply Model with a Pulpwood Component

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This study involves an update of our earlier Timber Supply Model, which was fully developed in our book, The Adequacy Of Global Timber Supply by Sedjo and Lyon (1990), published by Resources for the Future. The new version, called Timber Supply Model 1996 (TSM96), uses an economic market supply/demand approach to project an intertemporal time path of the world's price and output level of industrial wood. As did the original TSM, the TSM96 provides projections of the time path of the equilibrium output levels of the several regions into which the world has been subdivided. A major new feature of TSM96 is that industrial wood, treated as homogeneous in the earlier study, has been subdivided into two different wood types -- pulpwood and solidwood. The supply of these two commodities is not independent. Rather they can be viewed as joint products in production. The study develops a base-case projection, which gives the authors' best judgment of the timber situation likely to develop over the next few decades. Over that period total industrial wood production increases from about 1.7 billion cubic meters to 2.3 billion cubic meters, an increase of about 35 percent, while global pulpwood production increases from about 700 million cubic meters in 1995 to about 1.325 billion in 2045. Pulpwood price shows a fairly substantial increase throughout the first one-third of the period, a more modest increase over the second third, and a slight decline during the last third. Solidwood prices are almost the inverse of pulpwood, declining over the first third of the decade, increasing slightly over the next third and increasing in the last third of the decade. Over the whole of the 50-year period overall price increases are 30 percent for pulpwood and only about 8 percent for solidwood.

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Timber Building Supply, Inc. has been serving customers in the Brainerd Lakes Area for over 40 years. Our company serves contractors and Do-It-Yourself customers. We specialize in superior quality lumber and hardware products, friendly, helpful customer service and on time delivery. When shopping with Timber Building Supply, Inc. you have the opportunity to purchase building material and hardware all in one stop, as we are an ACE Hardware store too. Hardware. We are an ACE Hardware Store. Stop in for great service and a large selection of hardware, supplies, electrical, paint and more! We're Ace! The Helpful Place. Lumber. We are a full service Lumber Yard to serve Homeowners and Contractors. We offer only the highest quality lumber from the best mills. Timber Supply Model 96: A Global Timber Supply Model with a Pulpwood Component. Article. Full-text available. I use field estimates of seed dispersal with an integrodifference equation and simulation models of population growth to show that dispersal data are compatible with rapid spread. Dispersal estimates lay to rest the possibility that rapid spread occurred by diffusion. The integrodifference model predicts that, if the seed shadow has a long 'fat' tail, then rapid spread is possible, despite short average dispersal distances. It further predicts that velocity is more sensitive to life history than is classical diffusion. Application of such models is frustrated because the tail of the Hardwood pulpwood prices in Brazil, Indonesia, Australia and Chile increased during the fall, resulting in a 5.6% jump of the HFPI price index from the 1Q/16 to the 3Q/16, according to the Wood Resource Quarterly. Hardwood fiber prices have slowly turned around this year with the HFPI price index being up 5.6% from the 1Q/16 to the 3Q/16, according to the Wood Resource Quarterly. Softwood chip and pulplog prices fell in the local currencies in much of Europe and North America which, together with a stronger US dollar against the Canadian dollar and the Euro, resulted in a decline of the Softwood Wood Fiber Price Index (SFPI) in the 3Q/16. The SFPI is currently close to the lowest level in over ten years.