

## Forests, Wood, and Intentional Sourcing

In this course, we travel to four major timber producing regions of the United States to explore principles of sustainable forestry and examine what is produced from managed forests in each region. We begin by building basic vocabulary which can then be used to discuss concepts and practices in greater depth. Within each region, we will discuss land ownership patterns, forest history, major forest cover types, and the common sustainable forestry practices in use there. We conclude each regional overview with a look at the products available, and the related manufacturing capacity. Finally, as an example of how specification and sourcing can work together to drive positive forest management outcomes, we will present two case studies demonstrating the benefits of using direct-sourced materials in design, emphasizing their load-bearing capacity, sustainability, and aesthetic appeal.

### Learning Objectives

- Define the term “silviculture,” and explain the difference between the two broad divisions of silvicultural systems found in North American working forests.
- Review the major timber-producing regions of the U.S. and identify the major commercial tree species and building products available from each region.
- Explore how solid sawn timbers benefit design professionals by offering load-bearing capacity, longevity, versatility, sustainability, and aesthetic appeal.
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- Describe the potential environmental and economic benefits of locally sourced forest products, including their role in combating global warming, protecting wildlife, ensuring clean air and water, preserving natural systems for future generations, enhancing supply chain transparency, and supporting local economies.

### Session Format

- Available live (virtual) nationwide or in person throughout the Pacific Northwest.
- Lunch is provided for in-person presentations, if desired.



### **Prerequisite Knowledge**

Basic knowledge of wood products and forest management practices is helpful, but not necessary

### **Course Information**

AIA Course #: IPB06B [View Details](#)

GBCI Course #: 0920033661 [View Details](#) (requires USGBC login)