

**HAWAII LUMBER PRODUCTS ASSOCIATION**

P.O. Box 30866  
Honolulu, HI 96820-0866



# HAWAII LUMBER NEWS

AN OFFICIAL PUBLICATION OF THE HAWAII LUMBER PRODUCTS ASSOCIATION

MARCH 2008

WOOD IS RECYCLABLE,  
BIODEGRADABLE AND DURABLE—  
SOMETIMES LASTING FOR CENTURIES.  
WHEN IT IS NO LONGER NEEDED, IT  
CAN BE RETURNED TO THE EARTH

# WOOD: BUILT TO LAST

# PRESIDENT'S CORNER

HPLA PRESIDENT: HAP PERSON, PRESIDENT, HONOLULU WOOD TREATING CO., LTD.

Welcome to the inaugural issue of the Hawaii Lumber Products Association newsletter, Hawaii Lumber News! We are excited to be able to offer this educational piece and hope that in reading it you will learn something new about wood or its uses in building and construction.

We also hope that if you wish to know more about anything in the newsletter that you will visit us on our Web site at [www.hawaiilumber.com](http://www.hawaiilumber.com). The HPLA Web site includes many convenient direct links to building and wood industry groups and information.

ONE ACRE OF AVERAGE  
SIZED TREES CREATES  
ENOUGH OXYGEN YEARLY  
TO SUSTAIN 18 PEOPLE

I would like to mention a rather new Internet resource, WoodWorks, for wood uses in construction. The Web site is [www.woodworks.org](http://www.woodworks.org). Among the many resources available at [woodworks.org](http://www.woodworks.org), the site includes information on free education and training opportunities, architectural and engineering technical support for various building issues and a design showcase of new ideas for innovation in wood products.

We will be publishing our newsletter a few times annually and hope that you will receive and enjoy each one over the years.

## SPECIALTY WOODS ADD UNIQUE ASPECT TO HOME BUILDING

HAWAII LUMBER PRODUCTS ASSOCIATION RECOMMEND SPECIALTY WOODS AS AN EXCELLENT WAY TO PERSONALIZE A HOME AND INCREASE RE-SALE VALUE

(Honolulu, Hawaii), January 16, 2008 – Some days when driving around Hawaii it may seem that with the sheer number of people living on our islands, that every possible housing option has already been explored. We have condos, planned communities, decades-old family homes and high-rise apartments. What could a new home-builder possibly do to make their home stand apart and add something new to the landscape? One simple solution, as suggested by the Hawaii Lumber Products Association (HPLA) is to consider building a new home with specialty woods.

Specialty wood is lumber processed from tree species other than the traditional softwoods and such as pine, cedar, hemlock, fir or spruce. Specialty wood includes hundreds of tree species as well-known as oak, walnut and cherry, or as exotic as Italian olive, ebony, chestnut, ipe or local favorite, koa.

"In addition, sometimes the term specialty wood is used to denote an unusual use of common wood such as a very large Douglas fir beam or the aromatic cedar that is used in cedar chests or closets," said Hardware Hawaii's Larry Lanning, a HPLA member. "While many people choose to use Douglas fir or cedar in constructing their home, in these types of special cases, their use is not something we see everyday and it certainly adds to the charm and originality of the home."



Specialty wood comes in a variety of colors and grains, guaranteeing the unique nature of each home-buyer's selection. Most specialty woods are used for flooring, paneling, molding, cabinets, furniture and other interior uses. Particularly valued for their decorative traits and the excellent wear value intrinsic in a hardwood, specialty woods are rarely seen in a framing capacity, except for the occasional home where the builders have selected exposed overhead beams, for example.

Learn all about wood online at [www.HawaiiLumber.com](http://www.HawaiiLumber.com)

APPROXIMATELY 1,182  
DIFFERENT SPECIES OF TREES CAN  
BE FOUND IN THE UNITED STATES

Popular uses of specialty wood can be seen through demonstration of two favorite specialty woods. Brazillian Ipe wood is so dense that it actually sinks in water. The advantage of this fact is that termites can not eat Ipe, it weathers incredibly well, and with a simple oil coating, Ipe's beautiful rich brown color makes for a amazing decking and

flooring that is sure to last for years. More commonly known, Oak is home favorite for flooring, and cabinetry providing the durability and beauty that many homes seek.

Homes with interior accents made of specialty wood are also a good bet to keep or improve on their re-sale value. The one-of-a-kind originality that comes from selecting a specialty wood will transfer when the decision to sell is made. As can be expected, woods used in home construction are known to last for generations and have a homey feel and appeal that is endearing to many home buyers.

## Hawaiian Style Homes, Showcase wood's durability and architectural beauty



Photo courtesy of Homewerks Construction, Inc.



Photo courtesy of Architect Design Associates



"Specialty woods, especially here in Hawaii, can be a really interesting way to showcase our culture and appreciation of the land through use of native species, like koa," said HLPA President Hap Person.

One important thing to keep in mind when selecting your specialty wood is the decision to use a softwood versus a hardwood. Softwoods traditionally retain less moisture than hardwood and are therefore a more popular choice in building. By working with the site home designer or builder, home-buyers can select the best specialty wood for their home. A California redwood is an example of specialty wood than is also a softwood and a prime choice for framing.



## WOOD: BUILT TO LAST

**BEAUTY:** Nature's Beauty Exposed in Diverse Architectural Designs

**COMFORT:** Natural Resistance of Sun Heat Transfer Into Your Home

**QUIET:** Natural Resistance of Sound Transfer Into Your Home

**DURABLE:** Natural Resistance to Hawaii's Corrosive Weather Environment

**SAFE:** National and State Treatment Standards Assure Safe Home Protection



Hawaii Lumber Products Association

Visit us at [www.HawaiiLumber.com](http://www.HawaiiLumber.com)



ONE ACRE OF FULL-GROWN  
MEDIUM-SIZED TREES REMOVES  
APPROXIMATELY 6 TONS OF  
POLLUTION FROM THE AIR EACH YEAR

# WOOD FACTS

- Wood products make up 47 percent of all industrial raw material manufactured in the United States, yet consume only 4 percent of the energy needed to manufacture these industrial materials
- The world's largest tree by volume is the General Sherman sequoia, in Sequoia National Park, California. At 2.7 million pounds, 120 feet tall and with a trunk diameter of over 17 feet, the General Sherman would yield 600,000 board feet of lumber
- Lignin is the substance found in wood that helps determine how hard the wood will be. The more Lignin present, the harder the wood and vice versa, the less present, the softer the wood.
- Since the early 1940's, the United States has been planting more trees than it harvests and today, there are far more trees than there were in the 1920's, despite a 143% increase in population

## HAWAII LUMBER PRODUCTS ASSOCIATION PRESENTS A PROFESSIONAL DEVELOPMENT CLASS FOR INDUSTRY TRADESMEN

TWO-DAY APRIL CLASS TITLED "WOOD DESIGN SEMINAR"

(Honolulu, Hawaii), January 9, 2008 – The Hawaii Lumber Products Association (HLPAA) will present a two-day wood design seminar on Tuesday and Wednesday April 15 and 16, 2008, for engineers, architects, contractors and others involved in wood construction at the Ala Moana Hotel in Honolulu. The course, designed by the American Wood Council, will be presented by Robert Taylor and Jim Bowman. Participants who complete the course will receive professional credits.

The first day's seminar will cover topics such as, design standards for wood-frame construction at any scale, allowable stress design methodology of the national design specs for wood construction and new developments, and provisions for the 2005 NDS (R) for wood construction and the wood frame construction manual 2001 national edition and how to apply them.

On the second day participants will learn to become familiar with provisions of the WFCM and the Commentary to the WFCM, how to design a 2-story house for seismic and wind loading by a design demonstration and through the WFCM workbook gain the ability to execute similar designs.

"We are pleased to be able to host this seminar for the industry professionals here in Hawaii who can benefit from additional knowledge of building with wood," said Hap Person, President of HLPAA. "As Hawaii continues to grow and the need to build new or replace older structures escalates we feel this course should help the building and construction industry to stay on top of current trends and technologies that are available."

Dr. Robert Taylor is a PhD holder and the current Director of Technology Transfer at AF&PA. Previously he was the Professor of Structures at Montana State University and is an award-winning speaker and educator on the topic of wood design. His colleague in conducting the Wood Design Seminar, Jim Bowman is the current Northwest Regional Manager of the American Forest and Paper Association. In the past he has also served as a building official, inspector, plan reviewer and a building code consultant.

For more information or to obtain registration materials, please contact the Hawaii Lumber Products Association at 808.541.WOOD (9663) or visit [www.hawaiilumber.com](http://www.hawaiilumber.com)

WOOD IS RECYCLABLE,  
BIODEGRADABLE AND DURABLE—  
SOMETIMES LASTING FOR CENTURIES.  
WHEN IT IS NO LONGER NEEDED, IT  
CAN BE RETURNED TO THE EARTH

## VALUABLE LINKS

[www.hawaiilumber.com](http://www.hawaiilumber.com)

[www.beconstructive.com](http://www.beconstructive.com)

[www.durable-wood.com](http://www.durable-wood.com)

[awpa.com](http://awpa.com)

[woodworks.org](http://woodworks.org)