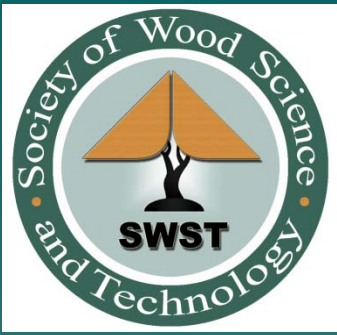




Society of Wood Science and Technology (SWST) – A Bridge Linking Academia, Community, Industry and Government

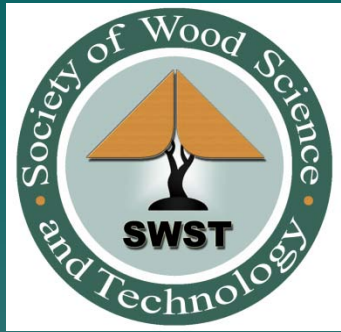




Vision: Be the world leader in advancing the profession of wood science

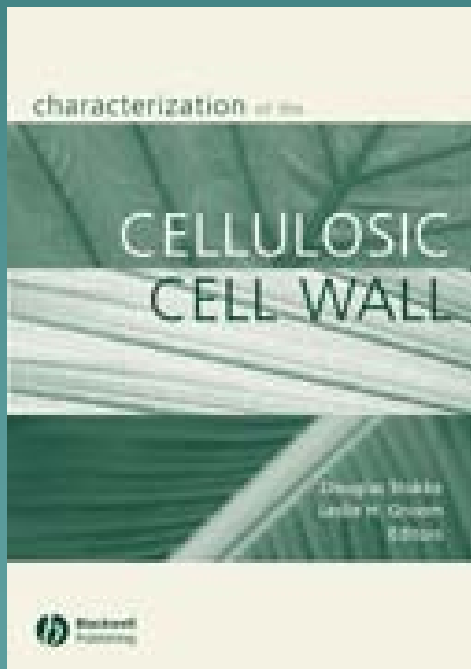
Mission:

- 1. Provide service to SWST members;**
- 2. Develop, maintain, and promulgate the educational, scientific, & ethical standards that define the profession;**
- 3. Advocate the socially responsible production and use of wood and lignocellulosic materials.**



SWST Purposes:

- Develop, maintain, and communicate the unique body of knowledge distinctive to wood science, lignocellulosic materials, and their technologies

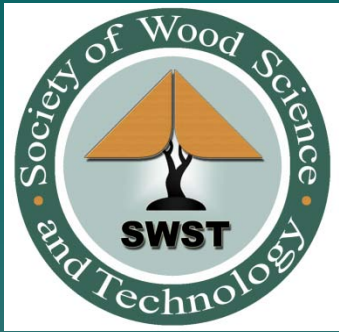




SWST Purposes:

- Promote policies and procedures which assure the wise use of wood and lignocellulosic materials





SWST Purposes:

- Assure high standards for professional performance of wood scientists & technologists





SWST Purposes:

- Foster quality educational programs at all levels of Wood Science, lignocellulosic materials, and their technologies

Properties of Wood

Society of Wood Science and Technology

Teaching Unit Number 2

Slide Set 1

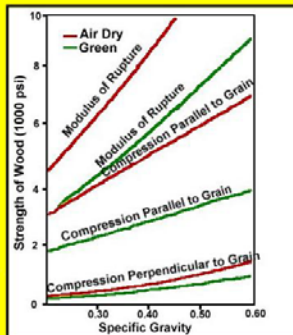
SWST

One Gifford Pinchot Drive
Madison, WI 53726-2398

PHONE: (608) 231-9347
FAX: (608) 231-9592
E-MAIL: vicki@swst.org

<http://www.swst.org>

Anisotropic means that its structure and properties vary in different directions.



SWST Purposes:

- Represent the profession in public policy development



**Society of
WOOD SCIENCE
and TECHNOLOGY**

SWST

**YOUR SOURCE
FOR TECHNICAL INFORMATION
ON WOOD AND WOOD PRODUCTS!**

SWST
The Society of Wood Science and Technology (SWST) is a technical and professional organization that represents the interests and employs scientists and engineers working in academic, government, consulting and the forest products industries and is dedicated to providing information and expertise in leading timber usage to use and produce wood products.

This paper was prepared by the Editorial Board Committee of the Society to assist academic, industrial and government leaders in understanding the environmental implications of using wood-based products.

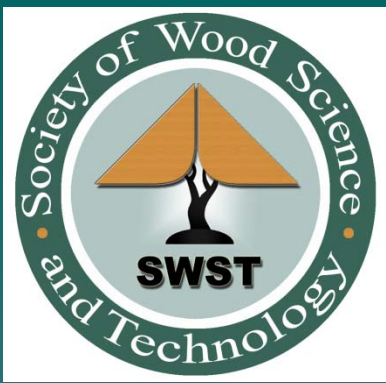
ENVIRONMENTAL ISSUES As more demands are made on the world's forest resources by a growing and occupying population, the development of new technology through research is essential to meet these demands in an environmentally acceptable way. Wood scientists and forest products technologists are vital links in meeting consumer and environmental demands on our forests. SWST, whose membership consists of these professionals, strives to reveal important insights to help society balance the environmental and consumer demands placed on our forest resources.

**SWST Position
on the Environmental Implications for
Use of Wood-Based Products**

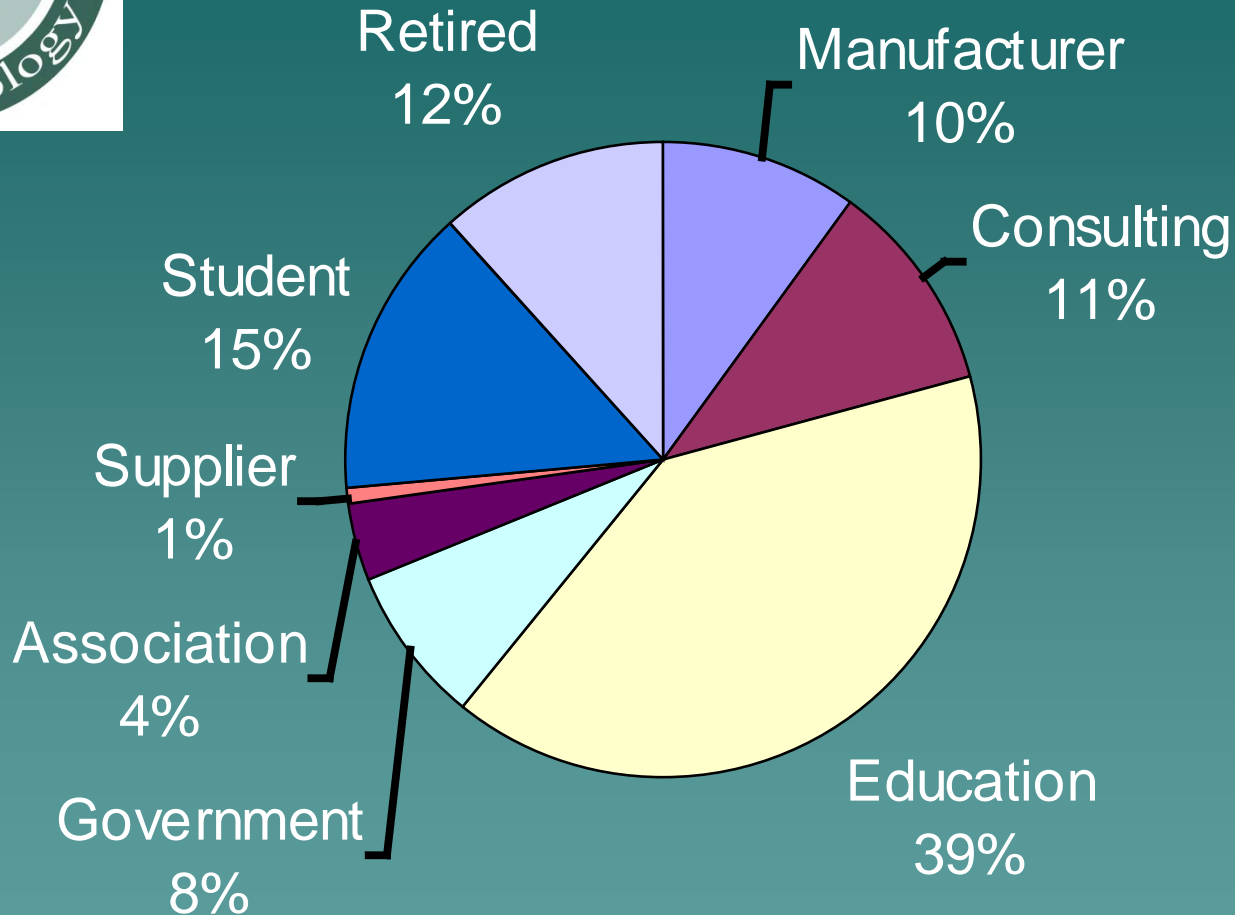
- Science and technology play a key role in reaching decisions on forest management and the use of forest products.
- Sustainable development and the conservation of forest resources has been and remains a major goal of the membership of SWST.
- Consideration of how to meet human needs through sustainable and still maintain or enhance other needs for the forest is vital. Policies must be balanced from human influences on forest resources.

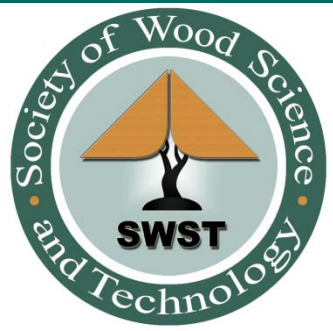
June 2002 April 1999





SWST Membership (n=456):





SWST Benefits/Services: Membership Brochure



OUR VISION: To be the world leader in advancing the profession of wood science.

OUR MISSION: To provide service to SWST members, to develop, maintain, and promulgate the educational, scientific, and ethical standards that define the profession and to advocate the socially responsible production and use of wood and lignocellulosic materials.

One Gifford Pinchot Drive • Madison, Wisconsin 53726-2398 • PH: 608-231-0347 • FAX: 608-231-0502 • EMAIL: viciki@swst.org • www.swst.org

SWST IS PLEDGED TO:

- DEVELOP AND MAINTAIN THE UNIQUE BODY OF KNOWLEDGE DISTINCTIVE TO WOOD SCIENCE, LIGNOCELLULOSIC MATERIALS, AND THEIR TECHNOLOGIES
- ENCOURAGE THE COMMUNICATION AND USE OF THIS KNOWLEDGE

Wood and Fiber Science is Now Both an Electronic and Paper Journal!

It is the official quarterly publication of the Society of Wood Science and Technology, and accordingly publishes papers with both professional and technical content. Original papers of professional concern, or based on research dealing with the science, processing, and manufacture of wood and composite products of wood or wood fiber origin are included.

The Society publishes a **Monthly Newsletter** to keep its members in touch with upcoming meetings, job vacancies, and current news in the profession.

Special proceedings, such as the **Characterization of Cellulosic Cell Wall** are also produced to help transfer the information to the public.




The Society has various committees to carry out its mission. These are Accreditation, Education, Membership, George Marra Award, Policy and Critical Issues, Publication Policy, Research Initiatives, and Visiting Scientist Program.

Each year the Society rewards service to the profession with Awards of Distinguished Service, Fellow Membership, George Marra Award for Excellence in Writing, and Student Poster Competition.

Visiting Scientist Program - The Society of Wood Science and Technology (SWST) provides both international and national travel grants through the Visiting Scientist Program (VSP) to enhance the professional growth of our members and promote networking with scientists, technologists, and engineers from other countries that are so vital to the success of SWST in the future.


The Society maintains a website at www.swst.org, which keeps members and the public aware of information relating to wood science. This website also maintains a Blog where individuals can post news. A new service is the ability to post resumes and job vacancies on the website.

WELCOME TO THE SWST ANNUAL CONVENTION

The Society hosts an **Annual Convention** where members and nonmembers can come together on various topics. This meeting is held in odd years in the United States, and in even years in an international setting.



SOCIETY OF WOOD SCIENCE AND TECHNOLOGY
One Gifford Pinchot Drive • Madison, WI 53726-2398
PH: 608-231-0347 • FAX: 608-231-0502 • EMAIL: viciki@swst.org • www.swst.org



MEMBERSHIP APPLICATION

NAME: _____

TITLE: _____

ADDRESS: _____

PHONE: _____

FAX: _____

EMAIL: _____

Mail to: Executive Director at above address. Please include payment of dues: Full \$75 • Student \$25 • Retired \$40

EDUCATION

Name of Institution	Major	Degree	Date Received or Expected

REQUIRED* CURRENT MAJOR PROFESSOR NAME: _____

PHONE: _____ **EMAIL:** _____

WORK EXPERIENCE

Employer	Position Description	Time in Position

I am applying based on the following qualifications:

_____ Membership through Formal Education

_____ Membership through Specialized Experience

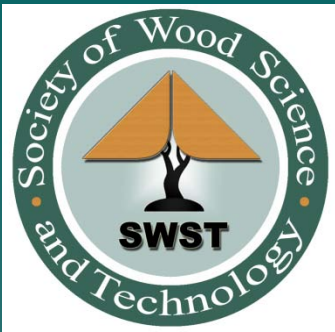
_____ Affiliate Membership

_____ Student Membership

I hereby make application to become a member of the Society of Wood Science and Technology. I agree to abide by the Constitution and Bylaws and to support and promote the purposes and objectives of the Society of Wood Science and Technology.

Signature of Applicant _____ **Date** _____





SWST Benefits/Services: International Developing Country Membership



OUR VISION: To be the world leader in advancing the profession of wood science.

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www.swst.org

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PH: 608-231-9347 • FAX: 608-231-9502 • EMAIL: vicki@swst.org

INTERNATIONAL MEMBERSHIP FOR MEMBERS OF DEVELOPING COUNTRIES

The Society of Wood Science and Technology has established a new membership category for an individual from the list of developing countries in this brochure. This would include online access to the *Wood and Fiber Science* journal, receipt of our electronic newsletter, and all other benefits that the membership provides electronically. No hardcopy of any material will be mailed. The qualifications for membership apply as shown in the brochure.

The fee structure will be (in U.S. Dollars):

Full \$15 • Student \$5

University/Institution Bundled -

10 students for \$40 (a savings of \$10)

10 full members for \$130 (a savings of \$20)

Application can be made at <http://www.swst.org/memapponline.html>

SWST BENEFITS:

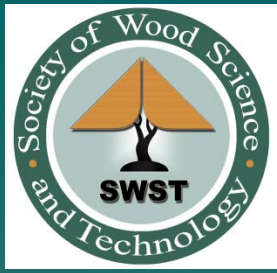
Wood Science is the study of the anatomical, physical, chemical, and mechanical properties of wood. Wood scientists convert trees to useful wood products, recycle wood products to extend the use of this valued resource, and apply science and engineering to extend our natural resources.



LIST OF DEVELOPING COUNTRIES

Afghanistan	Guinea	Panama
Albania	Guinea-Bissau	Papua New Guinea
Algeria	Guyana	Paraguay
Angola	Fiji	Peru
Anguilla	Haiti	Philippines
Antigua and Barbuda	Honduras	Rwanda
Armenia	India	Samoa
Azerbaijan	Indonesia	San Tome and Principe
Bahrain	Iran	Senegal
Bangladesh	Iraq	Serbia and Montenegro
Barbados	Jamaica	Sierra Leone
Belize	Kazakhstan	Solomon Islands
Benin	Kenya	Somalia
Bhutan	Kiribati	South Africa
Bolivia	Kyrgyz Republic	Sri Lanka
Bosnia and Herzegovina	Laos	St. Helena
Botswana	Lebanon	St. Kitts and Nevis
Burkina Faso	Lesotho	St. Lucia
Burundi	Liberia	St. Vincent and the Grenadines
Cambodia	Macedonia (former Yugoslav Republic)	Sudan
Cameroon	Madagascar	Suriname
Cape Verde	Malawi	Swaziland
Central African Republic	Maldives	Tajikistan
Chad	Mali	Tanzania
Colombia	Marshall Islands	Thailand
Comoros	Mauritania	Timor-Leste
Congo, Dem. Rep.	Mauritius	Togo
Cook Islands	Mayotte	Tokelau
Costa Rica	Micronesia, Federated States	Tonga
Cote d'Ivoire	Moldova	Trinidad and Tobago
Croatia	Mongolia	Tunisia
Cuba	Montserrat	Turkey
Djibouti	Morocco	Turkmenistan
Dominica	Mozambique	Turks and Caicos Islands
Dominican Republic	Myanmar	Tuvalu
Ecuador	Namibia	Uganda
Egypt	Nauru	Uzbekistan
El Salvador	Nepal	Vanatu
Equatorial Guinea	Nicaragua	Vietnam
Eritrea	Niger	Wallis and Futuna
Ethiopia	Nigeria	Yemen
Gabon	Niue	Zambia
Gambia	Oman	Zimbabwe
Georgia	Pakistan	
Ghana	Palau Islands	
Grenada	Palestinian Administered Areas	
Guatemala		

Online
Access
Only



SWST Benefits/Services: Wood and Fiber Science Journal

- Official publication, quarterly
- Original papers of professional concern, or based on research dealing with the science, processing, and manufacture of wood and lignocellulosic materials
- Electronic Version now available

**Wood
and
Fiber
Science**

Journal of the



Volume 38
Number 2
April 2006
(ISSN 0735-6161)

Society of Wood Science and Technology



Annual Convention

Renew Membership

[Member Login](#)

Welcome to SWST



Encouraging the communication and use of knowledge

SWST, your professional society, pledges to:

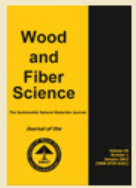
- Develop and maintain the unique body of knowledge distinctive to science and technology of wood and other lignocellulosic materials.
- Encourage the communication and use of this knowledge.
- Promote policies and procedures which assure the wise and responsible use of wood and other lignocellulosic materials.
- Assure high standards for professional performance of wood scientists and technologists.
- Foster educational programs at all levels of wood science, other lignocellulosic materials and their technologies, and further the quality of such programs.
- Represent the wood science and technology profession in public policy development.

Our Vision: To be the world leader in advancing the profession of wood science.

Our Mission: To provide service to Society of Wood Science and Technology members; to develop, maintain, and advance the educational, scientific, and ethical standards that define the profession; and to advocate the

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- Wood and Fiber Science
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- Policy and Critical Issues
- Education
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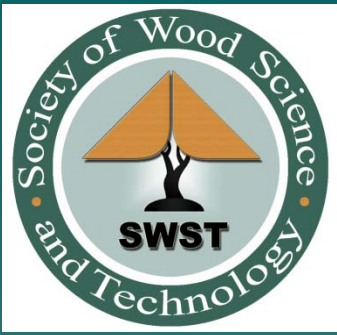
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- Upcoming SWST Annual Conventions**
- Other Conventions**
- Wood Scientists Without Borders (PDF)**

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History:

- 1958 = Incorporated as the “American Institute of Wood Engineering”
- 1960 = Name changed to “Society of Wood Science and Technology”. 1st Newsletter
- 1968 = 1st Issue of Wood & Fiber Science Journal
- 1976 = Critical Matters Committee Formed
- 1984 = Accreditation of undergraduate Wood Science and Technology Programs began



History (cont):

- 1986 = First George Marra Award for Excellence in Writing presented
- 1995 = Student Poster Competition initiated – 27 students received awards to date
- 1996 = SWST Website
- 1999 = 1st Position Statement Approved
- 2001 = Teaching Units Introduced



History (cont):

- **2008 - Electronic publishing of Wood and Fiber Science Journal**
 - **Held first International Meeting in Chile in 2008**
 - **Executive Director presence at international meetings**
- **2010 Meeting held at United Nations in Geneva, Switzerland**
- **2012 Meeting to be held in Beijing, China**

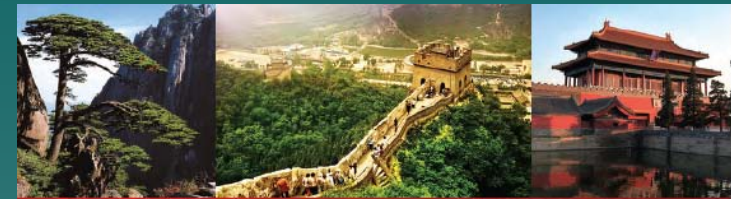
SWST Accredited Programs (11)

<u>Programs Reviewed:</u>	Initial Accreditation
Mississippi State University	1987
North Carolina State University	1984
Oregon State University	1990
Pennsylvania State University	1992
State University of New York (SUNY)	2003
University of Idaho	1996
University of Maine	1993
University of Minnesota	1985
Virginia Polytechnic Institute and State University	1985
West Virginia University	1989
Universidad del Bío-Bío	2008



Upcoming Society Meetings

SWST International Convention
August 27-31, 2012
Beijing, China
In cooperation with
International Centre for Bamboo and Rattan



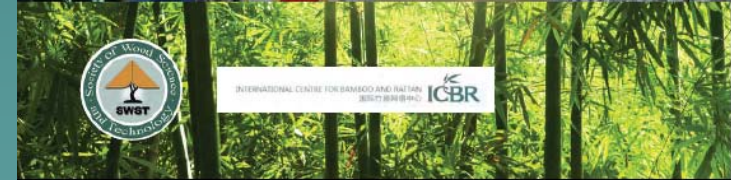
北京欢迎你

SWST/ICBR International Convention

August 27-31, 2012

International Centre for Bamboo and Rattan, Beijing, China

**Sustainable Development of Wood and
Biomass in our New Global Economy**





Upcoming Society Meetings

- **SWST International Convention, June 12, 2013**
Austin, Texas USA, In cooperation with
Forest Products Research Society
- **SWST International Convention, September 2014,**
Zvolen, Slovakia, In Cooperation with
University of Zvolen



For more information, contact:

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Executive Director
SWST

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Phone: (608-577-1342)

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