



Winter 2020 (Issue # 45)

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(Representing Forest Investment Associates)

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Todd Sparks, GreenWood Resources

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* Denotes certified SFI® Program Participant

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

SFI Conservation Impact Project Update

In 2016, the Sustainable Forestry Initiative (SFI) launched a large-scale effort to quantify the conservation benefits of SFI's work, and the connection between sustainable supply chains and important conservation outcomes.

The SFI Conservation Impact Project focuses on developing metrics for climate change mitigation, water quality, and biodiversity, to encourage forest health, conservation, and sound management. Quantifying the environmental benefits will also enable the SFI community to understand and promote the conservation values associated with sustainably managed forests, and will facilitate continual improvement.

To the best of our knowledge, SFI is the only forest certification system in North America that has taken on the task of comprehensively quantifying the environmental benefits of their system from a scientific standpoint. According to Paul Trianosky, chief conservation officer at SFI, "SFI's Conservation Impact Project will ultimately facilitate continual improvement in forest management practices, help ensure that these forests contribute meaningfully to conservation goals, and help build confidence in the users of sustainably sourced forest products about their connection to conservation outcomes."

The Conservation Impact project consists of numerous smaller projects, generated by partnerships within the academic, conservation and research community, and including SFI's own Program Participants. While many research projects are still underway, there have been some exciting project announcements and results over the last 3 years. Below are just a few examples.

- NatureServe has worked with SFI certified private forestry companies to develop quantitative metrics for evaluating conservation value of sustainably managed forest lands with a focus on biodiversity value/measures. With support from SFI's Conservation and Community Partnership Grant Program, NatureServe led a pilot effort to develop and assess metrics in four broad categories for three locations. Results indicate that lands certified to the SFI Forest Management Standard in the three study areas provide important biodiversity and conservation value by 1) supporting habitat and confirmed occurrences of critically imperiled or other species of concern, 2) supporting a diversity of ecosystem types and successional stages that support a suite of animal species that rely on these various successional stages and ecosystem types, and 3) contributing large, connected areas of undeveloped lands, with positive implications for species dependent on extensive intact landscapes. NatureServe is ready to expand this research to all North American forests.
- The University of Northern British Columbia is partnering with SFI to develop an Airborne LiDAR Survey that can consistently and accurately measure biodiversity on lands certified to the SFI Forest Management Standard.
- American Forests is working to develop an approach for including soils in forest carbon calculations so that we can better understand whole-ecosystem carbon dynamics as well as the impacts of forest management on the entire forest carbon pool. This is important because soils often hold more carbon than a forest's aboveground biomass. Ultimately, this research will lead to a menu of forest management practices and guidelines that are beneficial for soil carbon, allowing SFI certified forests to better protect existing forest soil carbon and enhance it as a climate mitigation tool.
- Keeping Maine's Forests (KMF) studied current carbon credit programs to determine the degree to which forests managed under the SFI Forest Management Standards meet their criteria, and develop recommendations to SFI Program Participants to improve alignment.

(Continued on next page)



Sustainable Forestry Initiative® (SFI®) Program

At SFI Inc. (www.sfiprogram.org), we believe that sustainable forests are critical to our collective future. SFI is a leader in sustainable forestry through our work in standards, conservation, community, and education. As an independent, non-profit organization, we collaborate with our diverse network to provide solutions to local and global sustainability challenges. SFI works with the forest sector, brand owners, conservation groups, resource professionals, landowners, educators, local communities, Indigenous Peoples, governments and universities.

At the heart of the SFI Program are SFI Implementation Committees (SICs). The Pennsylvania SIC is one of 34 spread across North America that responds to local needs and issues through the SFI Program at the local level. This grass-roots network is unique to the SFI Program.

Since 1995, the Pennsylvania SIC's active presence on the ground has resulted in significant contributions to individual communities through activities such as training loggers and sponsoring outreach to landowners and the public on responsible forest management.

Learn more at www.sfiopa.org

SFI® Program Participants Supporting the PA SIC

These companies operate in Pennsylvania and are certified to be in conformance with the SFI Standard. They also provide direct involvement and financial support to the Pennsylvania SFI® Implementation Committee (SIC).

PA DCNR Bureau of Forestry

Domtar Corporation

Forest Investment Associates

Georgia-Pacific, LLC

GreenWood Resources, Inc.

Hancock Forest Management

Pixelle Specialty Solutions

Weaber, Inc.

Weyerhaeuser Co.

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CONTINUED FROM COVER STORY

KMF found that although SFI Program Participants have resources and systems in place for designing and maintaining a carbon project, the auditing processes for SFI certification and carbon verification are not similar and represent additional costs for landowners.

- Virginia Tech is evaluating the implementation and efficacy of best management practices (BMPs) for water quality. Initial results broadly indicate a significant and negative relationship between BMP implementation and erosion rates. Results support the premise that BMP implementation rates can provide an index of water quality protection.
- The University of Georgia analyzed the role of SFI's Fiber Sourcing Standard in influencing the implementation rate of forestry BMPs within the wood baskets of mills certified to that standard. Results suggest that the implementation rates are on average higher on those harvested sites which were located within the wood baskets of mills certified to the SFI Fiber Sourcing Standard as compared to those harvested sites located outside the wood baskets of mills certified to the SFI Fiber Sourcing Stand.

A large part of these conservation efforts are driven by SFI Program Participants. SFI certification standards require them to collaborate on supporting research to improve forest health, conservation understanding, productivity, and sustainable management of forest resources. SFI is the only forest certification program in North America with a research requirement — resulting in nearly \$1.7 billion of investments from SFI Program Participants since 1995. In 2018 alone, 423 different conservation and research projects were reported by SFI Program Participants.

For more information on the SFI Conservation Impact Project and related research, please visit the SFI website: www.sfiprogram.org/conservation-impact-project/

Forest Legacy Planning Stories and Resources

By Allyson Muth, Center for Private Forests at Penn State

The current owners of woodlands—individuals, families, partners, and more—work to ensure that their woods are cared for well. Many have spent years investing time, money, and sweat, making decisions, and leaving their mark on the land. Yet the question of “What happens after me?” is always a looming pressure. For those landowners who act as good forest stewards, how can they ensure that, in the future, their property will be owned and managed as they intended? How will the story go on?

Legacy planning, also called succession planning, helps landowners make well-informed decisions about how best to ensure continued stewardship of their woodlands through intergenerational transfer, land protection strategies, or other tools relevant to keeping woodlands intact. It encompasses defining and communicating future intentions, as well as legal estate planning actions. Legacy planning can help ensure private forestland will not be converted to non-forest uses, that fiber supply and non-timber forest benefits can remain available, and that the forest will go on to benefit future generations. Planning aids the continued stewardship of the individual's property beyond their tenure and their beneficiaries' tenure.

Legacy planning is often not easy or fast. It involves in-depth communication with heirs (if that is the way the landowner chooses to go), consultation with legal, financial, and conservation experts, decent outlay of costs to hire the correct resource professionals and create the legal and financial tools necessary, as well as a great deal of time and commitment. Many landowners haven't yet started on this journey, or have started and been discouraged by the effort it takes. But many other landowners have already tried and succeeded.

New resources are available from the Center for Private forests at Penn State, through collaboration with other institutions across the Northeast. *It's Your Legacy: a Pennsylvania Landowner's Guide to Conservation-Based Estate Planning* is a nice overview of the process of legacy planning with excellent resources and advice for beginning and continuing the journey.

(Continued on next page)

PA SFI® Implementation Committee Partners

SIC Partners and their products or services are not SFI certified, but they help to promote sustainable forestry practices throughout Pennsylvania and pledge a contribution annually to the Pennsylvania SIC based on mill production from PA forest resources.

Blue Ox Timber Resources, Inc.
Deer Park Lumber, Inc.
Dwight Lewis Lumber Company, Inc.
Heacock Lumber Company
Hoffman Brothers Lumber, Inc.
JM Wood Products LLC
Lapp Lumber Co.
Lee Brothers Lumber Company
Maple Ridge Forest Products
Mark & Olivia Ott
Matson Lumber Company
Mt. Airy Lumber Co.
Ordie Price's Sawmill, Inc.
Patterson Lumber Company, Inc.
Pine Creek Lumber Co.
Renno Brothers Lumber Co.
Salem Hardwood, Inc.
Soap Stone Sawmill, LLC
Solts's Sawmill, Inc.
Stoltzfus Forest Products
Superior Lumber, Inc.
The Lyme Timber Company
Wheeland Lumber

PA SFI® Implementation Committee Supporters

SIC Supporters and their products and services are not SFI certified, but they help to promote sustainable forestry practices and pledge meaningful contributions to the Pennsylvania SIC.

Appvion Operations, Inc.
A.M. Logging, LLC
Allegheny Wood Products, Inc.
Bingaman & Son Lumber Co., Inc.
Brookside Lumber
Brownlee Lumber, Inc.
C & C Smith Lumber Co., Inc.
Charles Brown Forestry Consulting
Cowan Lumber
Cummings Lumber Co, Inc.
Emporium Hardwoods
Frey Lumber & Pallet Corporation
Gessner Logging & Sawmill, Inc.
Horizon Wood Products, Inc.
Kort Forestry
Metzler Forest Products, LLC
Mick Brothers Lumber, Inc.
Mountainside Hardwoods
Noll's Forestry Services
P & S Lumber Company
RAM Forest Products, Inc.
RJ Hoffman & Sons, Inc.
Remmey - The Pallet Company
Reynmil, Inc.
Rorabaugh Lumber Company
St. Marys Lumber Co., Inc.
Sylvandale Forestry
Trumco Forest Products
WBL Hardwoods
W.J. Cox Associates

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(Legacy Planning Continued)

Legacy Planning Stories: How Forest Landowners "Like Me" are Ensuring the Future of Their Land is a collection of stories intended for landowners (and resource professionals) to see how others chose to make decisions and implement tools that will ensure their stewardship of the land continues for many generations into the future. You can find these and other resources by visiting <https://ecosystems.psu.edu/legacy> or call the Centre for Private Forests at Penn State at 800-234-9473 to request copies. What will happen to your land after you are gone?

A New Color in the Woods

Landowners who post their properties now have the option of using purple paint rather than posted signs to alert others that lands are private and trespassing isn't permitted.

House Bill 1772, which was signed into law by Gov. Tom Wolf in November, and took effect at the end of January. Under the law, a person is considered a "defiant trespasser" – which carries enhanced penalties – if he or she enters or remains in any place where notice against trespassing is given by actual communication, lawful posting or fencing.

House Bill 1772 makes the use of purple paint on trees or posts a lawful posting method in all but Allegheny and Philadelphia counties. Vertical purple lines must be at least 8 inches long and 1 inch wide. The bottom of the mark must not be less than 3 feet or more than 5 feet from the ground. And painted marks must not be more than 100 feet apart. A specific type of paint was not specified in the bill, other than that it must be purple and meet the size, distance and visibility requirements listed therein.

Purple boundary paint is readily available for purchase from retailers since a dozen other states have already adopted similar laws in recent years.

Now that the "purple paint law" is effective, loggers should know they might encounter purple markings on trees and that these marks are meant to define the boundary of an adjoining private property that's posted against trespassing.

In Pennsylvania, defiant trespass is a third-degree misdemeanor punishable by up to a year in jail and \$2,500 in fines. And if trespassing occurs while hunting, additional game-law violations – and additional penalties – also might apply.

National Data Show Increase in Logging Injuries and Fatalities

The Bureau of Labor Statistics (BLS) released the 2018 (most current) national Census of Fatal Occupational Injuries Report at the end of last year. The data showed the rate of fatal work injuries across the logging sector in the United States increased in 2018 to 97.6 deaths per 100,000 workers. This was up from 84.3 deaths per 100,000 workers in 2017 and put the logging sector back on top as the most dangerous occupation in the United States. The next highest fatality rate was among commercial fishing workers at 77.4 deaths per 100,000 workers.

The BLS 2018 Survey of Occupational Injuries and Illness also showed a substantial increase in the number of nonfatal injuries in the logging sector. In 2017 there were 350 cases nationally of reportable nonfatal injuries in the logging sector. In 2018 that number jumped to 1,040—the highest its been since 2007. It is worth noting that 20% of the nonfatal injury cases reported in 2018 resulted in the employee missing 31 or more days of work.

In October, OSHA released its annual Top 10 list of violations for 2019. The list included hazard communication (29 CFR 1910.1200), lockout/tagout (29 CFR 1910.147), machine guarding (29 CFR 1910.212), and eye and face protection (29 CFR 1926.102) violations that could apply to timber harvesting operations. OSHA also announced that the number of workplace inspections they conducted in fiscal year (FY) 2019 increased. Federal OSHA conducted 33,401 inspections in FY 2019, which ended on September 30—more inspections than in the previous 3 years.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA's role is to help ensure these conditions for America's working men and women by setting and enforcing standards and providing training, education, and assistance.

Employers who need assistance in meeting their safety obligations can take advantage of OSHA's no-cost and confidential On-Site Consultation Program. The Safety Sciences Department at Indiana University of Pennsylvania (IUP) is the officially designated agency in the Commonwealth of Pennsylvania for OSHA consultation services. Since 1983, IUP OSHA Consultation Program provides FREE occupational and health consultative services.

1-800-382-1241



Pennsylvania SFI® Implementation Committee
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Howard, Pennsylvania 16841

The Sustainable Forestry Initiative is a service of SFI, Inc.

PA SFI Professional Timber Harvester Training Program

The Pennsylvania SFI Professional Timber Harvester Training Program is geared towards commercial timber harvesters; however, it is open to any individual interested in participating. Courses are offered in the spring (mid-March through mid-May) and the fall (mid-September through mid-November) at locations across Pennsylvania each year.

Learn more:

www.sfiopa.org/requirements

Register for classes:

www.sfiopa.org/register

Find SFI Qualified Logging Professionals or review your training records:

www.sfiopa.org/search



[Facebook.com/PennsylvaniaSIC](https://www.facebook.com/PennsylvaniaSIC)

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

A Quarter Century of SFI in Pennsylvania

This year marks the 25th anniversary of the Pennsylvania SFI Implementation Committee (PA SIC). The SFI program was launched in 1995 and the Pennsylvania Implementation Committee met for the very first time on June 2nd that year in State College. The committee was originally called the “Pennsylvania Forest Sustainability Committee” and shortly after changed their name to the “Forest Industry Committee for Sustaining Pennsylvania Forests.” Today, all such committees in the SFI Program are referred to as SFI Implementation Committees.

Looking back over the last 25 years, the PA SIC and its partners are very proud of many successes and accomplishments. Our efforts have helped shine a light on sustainable forestry and timber harvesting practices across the state.

We have been a leader in logger training and education throughout the Commonwealth. To date, the Pennsylvania SFI Professional Timber Harvester Training Program has provided education outreach to 7,335 individuals. To put

that number in perspective, the world's largest cruise liner, Royal Caribbean's Symphony of the Seas, has a maximum capacity of 6,680 passengers. Our training participants from the last 25 years could fill it to capacity and still leave 655 people standing at the docks!

Today, our purpose is to promote wise forest stewardship, enabling Pennsylvania communities to thrive through a successful forest products industry. We work hard to support business operations by training and developing the logger workforce, educating the public about the value of working forests, promoting SFI forest certification, and assisting with regulatory issues. Our alliance of deeply committed professionals from across the forestry community builds partnerships with many other conservation organizations who depend on the forest industry to advance their own missions. These relationships allow us to serve with great impact.

Our sincere thanks to all of you who partner or participate in the PA SIC's outreach and other initiatives and especially to those that continue to provide the financial contributions vital to our ongoing efforts. You all comprise the foundation of our organization's success.



Pennsylvania Sustainable Forestry Initiative®

Implementation Committee

Professional Timber Harvester Training Program

2020 Spring Training Schedule

SAVE TIME, REGISTER ONLINE AT: www.sfiopa.org/register

To avoid course cancellations, pre-registration and payment for all classes is required by the registration deadline. Registration is on a first-come, first-served basis

CORE TRAINING

Individuals must complete *Professional Timber Harvesting Essentials*, *Game of Logging - Level 1*, and provide proof of current *First Aid & CPR* certification within a 2-year period to be considered an SFI Qualified Logging Professional. Refer to the Training Program Policy for complete details on training requirements at: www.sfiopa.org/requirements.

- *Basic First Aid & Adult CPR does NOT qualify for continuing education credit*
- *Professional Timber Harvesting Essentials and/or Game of Logging - Level 1 can be taken for CE Credit, IF you have not already completed the training in the last 5 years*

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ✦	Register By	
03/23/20	Mon	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Greensburg (Westmoreland County)	\$ 85.00	03/16/2020
03/28/20	Sat	8:00 AM	Game of Logging - Level 1 (8 hours)	Lake Ariel (Wayne County)	• COST IS \$90/PERSON. REGISTER WITH NTHA (570) 265-7753. ADDITIONAL \$20 FOR PA SFI CE CREDITS	
03/30/20	Mon	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Franklin (Venango County)		\$ 85.00
04/06/20	Mon	7:30 AM	Game of Logging - Level 1 (8 hours)	Penfield (Clearfield County)	\$ 95.00	03/30/2020
04/08/20	Wed	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Penfield (Clearfield County)	\$ 85.00	04/01/2020
04/20/20	Mon	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Lancaster (Lancaster County)	\$ 85.00	04/13/2020
04/23/20	Thurs	7:30 AM	Game of Logging - Level 1 (8 hours)	Elizabethville (Dauphin County)	\$ 95.00	04/16/2020
04/27/20	Mon	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Jamison City (Columbia County)	\$ 85.00	04/20/2020
05/08/20	Fri	8:00 AM	Basic First Aid and Adult CPR (4 hours)	Johnsonburg (Elk County)	\$ 90.00	05/01/2020
05/19/20	Tues	7:30 AM	Game of Logging - Level 1 (8 hours)	Three Springs (Huntingdon County)	\$ 95.00	05/12/2020
05/20/20	Wed	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Huntingdon (Huntingdon County)	\$ 85.00	05/13/2020

- ✦ Employees insured through Eastern Alliance Insurance Group can have the registration fee for Game of Logging classes paid by WJ Cox Insurance. Please submit proof of insurance with your registration form.
- ✦ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at (570) 265-7753.

CONTINUING EDUCATION TRAINING

One (1) year of CE credit is given for each four (4) hours of training completed. Refer to the Training Program Policy for complete details on training requirements at: www.sfiopa.org/requirements.

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ✦	Register By	
03/29/20	Sun	8:00 AM	Game of Logging - Level 2 (8 hours)	Lake Ariel (Wayne County)	• COST IS \$90/PERSON. REGISTER WITH NTHA (570) 265-7753. ADDITIONAL \$20 FOR PA SFI CE CREDITS	
04/07/20	Tues	1:30 PM	52nd Annual Loggers & Saw Millers Spring Safety Meeting (4 hrs)	Johnsonburg (Elk County)		\$ 20.00
04/09/20	Thurs	8:00 AM	Valuing Standing Timber (8 hours)	Waterville (Lycoming County)	\$ 30.00	04/02/2020
04/24/20	Fri	7:30 AM	Game of Logging - Level 3 (8 hours)	Brickerville (Lancaster County)	\$ 95.00	04/17/2020
04/26/20	Sun	8:00 AM	Game of Logging - Storm Damage Cleanup (8 hours)	Lake Ariel (Wayne County)	• COST IS \$90/PERSON. REGISTER WITH NTHA (570) 265-7753. ADDITIONAL \$20 FOR PA SFI CE CREDITS	
04/30/20	Thurs	7:30 AM	Game of Logging - Storm Damage Cleanup (8 hours)	Mifflinburg (Union County)		\$ 95.00
05/01/20	Fri	8:00 AM	GPS for Timber Harvesters (8 hours)	Penfield (Clearfield County)	\$ 30.00	04/24/2020
05/04/20	Mon	12:00 PM	Wildlife Young Forest Initiative (4 hours)	Laughlontown (Westmoreland County)	\$ 40.00	04/27/2020
05/07/20	Thurs	12:00 PM	Wildlife Young Forest Initiative (4 hours)	Clarion (Clarion County)	\$ 40.00	04/30/2020
05/14/20	Thurs	12:00 PM	Pennsylvania Wildlife (4 hours)	Laporte (Sullivan County)	\$ 40.00	05/07/2020
05/17/20	Sun	8:00 AM	Game of Logging - Level 3 (8 hours)	Lake Ariel (Wayne County)	• COST IS \$90/PERSON. REGISTER WITH NTHA (570) 265-7753. ADDITIONAL \$20 FOR PA SFI CE CREDITS	
05/18/20	Mon	12:00 PM	Outdoor Survival Skills for Timber Harvesters (4 hours)	Galeton (Potter County)		\$ 40.00
05/20/20	Wed	7:30 AM	Game of Logging - Level 2 (8 hours)	Waynesboro (Franklin County)	\$ 95.00	05/13/2020
05/27/20	Wed	8:00 AM	Hardwood Log Bucking (8 hours)	Shirleysburg (Huntingdon County)	\$ 75.00	05/20/2020

- ✦ Employees insured through Eastern Alliance Insurance Group can have the registration fee for Game of Logging classes paid by WJ Cox Insurance. Please submit proof of insurance with your registration form.
- ✦ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at 570-265-7753.

OTHER CONTINUING EDUCATION TRAINING

Additional training opportunities are available through numerous organizations across Pennsylvania and adjoining states. Training courses taken from other sources may qualify for PA SFI core or continuing education credit, provided the subject of the course is relevant to the SFI program, and if some legitimate form of documentation is provided to the PA SIC office for proof of content and attendance. Outside credits are subject to all Pennsylvania SFI Professional Timber Harvester Training Program Policy requirements. To submit Non-PA SFI training credits please fill out a copy of the Non-PA SFI Course Credit Form (available on our website under "Forms" section or by contacting the PA SIC office) and send it to the PA SIC office with all necessary paperwork and a check for \$20 made payable to the "PA SFI Implementation Committee" for administrative costs. Refer to the Training Program Policy for complete details on training requirements.

The PA SIC maintains a listing of all pre-approved Non-PA SFI CE training courses that we have been made aware of. It can be found on our website: <http://sfiopa.blogspot.com>

Visit www.sfiopa.org/register for additional details and the most current training schedule. Programs may be added or cancelled at any time. For additional information, please contact the PA SFI® Implementation Committee at: (814) 230-2866, or mark@sfiopa.org

Pennsylvania Sustainable Forestry Initiative® Implementation Committee

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Pennsylvania Sustainable Forestry Initiative®

Implementation Committee

Professional Timber Harvester Training program

2020 Spring Course Registration Form

SAVE TIME, REGISTER ONLINE AT: www.sfiopa.org/register

- Registration fees are **non-refundable and non-transferrable** after the course registration deadline if the course is held and you do not attend.
- Registration is on a first come, first served basis. Your space in a course will not be reserved until the registration fee is paid. Please do not delay in making payment or your space could be given to another participant.
- Courses may be cancelled if a minimum number of students are not registered by the registration deadline. Please register on time.
- For a full description of the Training Program Policies, please visit www.sfiopa.org/requirements or contact the PA SIC office.

ATTENDEE	COURSE DATE	COURSE NAME	COURSE LOCATION	COST
(Please Print Clearly / One Course Participant Per Form)				
Name: (Full First, Middle Initial, Last)				
Home Mailing Address:				
Home or Cell Phone: () - 				
Email:				
Occupation (circle one): • Forester • Logger-owner • Logger-employee • Landowner • Office personnel • Truck driver • Other		Make checks payable to: "Pennsylvania SIC" Mail to: PA SFI Implementation Committee 748 Gravel Point Road Howard, PA 16841		Total Amount Enclosed:
Class location and additional information will be sent to you when we receive your registration and payment				

COURSE DESCRIPTIONS

CORE TRAINING:

Required to receive a PA SFI® Professional Timber Harvester Training Card. All 3 requirements must be completed (in any order) within 2 years.

- **Professional Timber Harvesting Essentials (8 hours)** - Covers general safety considerations, chainsaw safety, logging equipment safety (harvesters, loaders, skidders, etc.), trucking safety and Occupational Safety and Health Administration (OSHA) Standards that apply to timber harvesting and related activities. Also covers pertinent aspects of Pennsylvania's Clean Streams laws and other water resource protection regulations, Best Management Practices (BMPs), hazardous material control, and logging aesthetics. If you have not taken Professional Timber Harvesting Essentials within the last five (5) years, you can attend the class for continuing education credit.
- **Game of Logging – Level 1 (8 hours)** - Focuses on introducing the participant to the "open face" felling technique and the development of skills to safely use it. Topics covered include personal protective equipment, chainsaw safety features, chainsaw reactive forces, bore cutting, pre-planning the fell, and understanding hinge wood strength. Participants need safety equipment (hard hat, chaps, eye protection, ear protection, and sturdy boots), water, lunch, and should be prepared to spend the day outside (rain or shine). Participants are not required to provide their own chainsaw. If you have not taken Game of Logging – Level 1 within the last five (5) years, you can attend GOL-1 for continuing education credit.
- **First Aid & CPR (4 hours)** - Because timber harvesting is a hazardous occupation, OSHA regulations require that everyone who works in the woods maintain current First Aid & CPR training from a provider who can issue a certificate or a card as documentation of hands on training (i.e. no online certifications will be accepted). Individuals do not need to complete this training through the PA SFI Professional Timber Harvester Training Program; however, they must provide proof of First Aid & CPR certification to receive their initial training card (we cannot accept the MSHA 5000-23 form as satisfaction of this requirement). Course duration varies by instructor. DOES NOT COUNT FOR CE CREDIT.

CONTINUING EDUCATION (CE):

One (1) year of CE credit is given for each four (4) hours of CE training completed. CE credits can only extend your card date a maximum of three (3) years from the current calendar year. CE credit will not be awarded for taking the same class more than once in a five (5) year period.

- **52nd Annual Loggers & Saw Millers Spring Safety Meeting (4 hours)** – TO RECEIVE CONTINUING EDUCATION CREDIT, PARTICIPANTS MUST ATTEND BOTH THE SFI UPDATE CLASS AND THE ANNUAL SAFETY MEETING THAT FOLLOWS (1:30 PM to APPROX 8:15 PM – i.e. MORE THAN A 4-HOUR TIME COMMITMENT). Come be part of the oldest logging safety meeting in the United States! The afternoon training is titled "So you're a logger, there is an App for that" and will focus on the latest smart phone applications for timber harvesting professionals. The evening presentation, which includes a free dinner and door prizes, will include a number of additional speakers, updates, and vendor presentations, including talks addressing workers compensation rates for loggers.
- **Game of Logging (8 hours, each Level)** - These courses cover chainsaw safety and safe/efficient harvesting techniques. They MUST be taken in order. **Level 1** (see description under Core Training section). **Level 2** focuses on saw maintenance, chain sharpening techniques, releasing spring poles safely, and directional tree felling. **Level 3** focuses on handling difficult trees. Topics covered include limbing, wedging techniques and hinge placement. This training is conducted in the field. **Storm Damage Cleanup** (Levels 1 and 2 required) addresses the unique hazards inherent in storm damaged settings. This training is meant to provide saw users the information and techniques demanded by this dangerous environment and the forces and pressures of wind felled trees.
- **GPS for Timber Harvesters (8 hours)** - Participants learn the fundamentals of the Global Positioning System (GPS) and its application to forest management. This course teaches how an inexpensive, recreational GPS unit and a personal computer can be used to determine tract acreage and boundary length, skid trail/haul road layout, distance and grade, mapping special features, and navigating tracts in unfamiliar areas.
- **Hardwood Log Bucking (8 hours)** - This program is designed to integrate field, classroom and computer simulation techniques to teach better log bucking decisions. The goal is to increase the value and quality of hardwood logs by improving the log bucking skills of loggers and yard workers.
- **Outdoor Survival Skills for Timber Harvesters (4 hours)** - This course covers various aspects of dealing with outdoor survival situations. A major emphasis is placed on being prepared for unexpected emergencies and preventing hypothermia. Items to have with you, compass and map skills, and shelter/fire building techniques are among the many aspects discussed in detail. Hands on experience is provided to all participants in compass/map and fire building exercises.
- **Pennsylvania Wildlife (8 hours)** - a comprehensive four hour course on common wild birds and mammals found in Pennsylvania with a specific emphasis on the habitat needs of white-tailed deer, black bears and wild turkeys. Included will be segments on identifying wildlife foods, tracks, other sign and calls. The legacy of Pennsylvania's premier wildlife artist, the late Ned Smith, will also be covered.
- **Valuing Standing Timber (8 hours)** - How do you estimate the volume and value of timber being sold on a given forest tract? This workshop teaches the methods by which reasonable estimates of timber volumes and values can be obtained. The tools and correct tree measurement methods will be covered. The workshop will show how to tally trees and create usable summaries of species, volume, and value. Involves both classroom and hands-on field exercises.
- **Wildlife – Young Forest Initiative (4 hours)** - Developed through a cooperative program with the Wildlife Management Institute, this course discusses the importance of creating early successional forest conditions for the benefit of multiple wildlife species. Participants will learn and be given tools to identify and create habitat systems for the American Woodcock, Golden Winged Warbler, and other young forest dependent wildlife species important to forest landowners.

Pennsylvania Sustainable Forestry Initiative®
Implementation Committee

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