

Registration

Workshop Fee:

- \$475.00 per person for registrations received by December 21, 2013
- \$525.00 per person for registrations received after December 21, 2013
- If you are registering more than one person from the same organization, the rate is \$475.00-1st person; \$450.00 each subsequent registration (by December 21, 2013); \$525-1st person; \$500 for each subsequent registration (after December 21, 2013).

Registration includes: breakfast, lunch, afternoon break, dinner on Monday, parking, and workshop materials.

Please register online at:

www.esf.edu/outreach/kiln/2014/registration.htm Your registration will be processed immediately and securely. We accept payment by MasterCard or Visa, purchase order/voucher or check.

If paying with a purchase order /voucher or check , an invoice will be included with the registrant's email confirmation.

Checks made payable to **SUNY Research Foundation** should be mailed along with a copy of your email confirmation to:

ESF Outreach
Attn: Terry Sakowski
1 Forestry Drive
235 Gateway Center
Syracuse, NY 13210

For questions regarding registration, please contact Terry Sakowski: (315)470-6891 or tsakowsk@esf.edu.

Our Payment and Cancellation Policy:

- If you have a balance due, please be prepared to make your payment at check-in. We will accept a check (made payable to **SUNY Research Foundation**), Visa or MasterCard.
- If you are using a purchase order or voucher, you will be asked to provide Visa or MasterCard account information to hold. If payment is not received by February 6, 2014, your credit card will be charged the appropriate fee.

Refunds for a cancellation (minus a \$50 administrative fee) will only be issued to participants who provide written notice to Terry Sakowski (tsakowsk@esf.edu) by **Monday, December 23, 2013**. Cancellations will not be accepted by phone. No refunds will be issued after that date. Substitutions are permissible at any time by modifying your registration (refer to email confirmation).

2014 KILN DRYING WORKSHOP



State University of New York
College of Environmental Science and Forestry



Phone: (315) 470-6817

ESF Outreach
1 Forestry Drive
235 Gateway Center
Syracuse, NY 13210

www.esf.edu/outreach/kiln

2014 KILN DRYING WORKSHOP

January 6-9, 2014

**SUNY ESF
Syracuse, NY**



This workshop is sponsored by the State University of New York College of Environmental Science and Forestry, in cooperation with the New England Kiln Drying Association

AGENDA

Monday, January 6

9:00 Check-in and Continental Breakfast

9:30 Wood and Drying Fundamentals
(Importance of Kiln Drying; Wood-Water Relations; Wood Structure, Anatomy and Properties; Moisture Determination)

12:00 Lunch

1:00 Wood and Drying Fundamentals
(Moisture Meters and Their Effective Use; Wood Shrinkage; Drying Degradation; Kiln Drying Specifications; Lab Exercise – Kiln Operation)

5:00 Dinner (Dinosaur BBQ)

Tuesday, January 7

8:00 Continental Breakfast

8:15 Managing Drying Operations
(Managing Wood Drying Operations; Air and Predrying; Kiln Instrumentation; Controlling Kiln Operation)

12:00 Lunch

1:00 Managing Drying Operations
(Steam Basics and Utilization; Kiln Types – Steam, Dehumidification, Direct Fire, Vacuum; Preparation for Drying; Lab Exercise- Kiln Operation)

5:00 Dinner on your own

Wednesday, January 8

8:00 Continental Breakfast

8:15 Drying Kiln Operation and Maintenance
(Kiln Schedules: Use and Modification; Kiln Start-Up Procedures; Dry Kiln Operation - Controllers, Mechanical Components, and Maintenance; Dehumidification Kiln Drying)

12:00 Lunch

1:00 Drying Kiln Operation and Maintenance
(Safety and Health Issues; Lumber Stacking and Kiln Loading; Drying Maple and White Woods; Drying Oak and Related Hardwoods; Drying Pine; Lab Exercise – Kiln Operation, Sample Monitoring, Schedule Modification)

5:00 Dinner on your own

Thursday, January 9

8:00 Continental Breakfast

8:15 Lumber Quality
(Equalizing; Drying Stress Development and Conditioning; Wood Decay, Fungi, Stain and Mold; Effect of Air Velocity on Drying; Control of Warp, Checking, Splitting, Honeycomb)

12:00 Lunch

1:00 Lumber Quality
(Statistical Process Control – Kiln, Lumber, and Moisture Sampling; Lumber Storage and Moisture Control; Redrying Wetted Lumber; Conserving Energy in Kiln Operations; Wood Resource Issues)

3:30 Workshop Concludes

Instructors (Tentative):

Dr. William Smith, Program Chair; Professor of Sustainable Construction Management and Engineering and Director of Wood Utilization Service, SUNY-ESF

Dr. Susan Anagnost, Chair and Associate Professor of Sustainable Construction Management and Engineering, SUNY-ESF

Scott Herl, Partner & Engineering Director, HerLine Technologies

Tom Johel, President, U*C Coatings Corporation

Robert Pope, Sales Representative, USNR Irvington-Moore

Peter Sformo, Loss Prevention Consultant, W.J. Cox Associates, Inc.

As the economy improves, are you ready to supply the market with the best quality kiln dried lumber?

Do you want better control of your drying and quality cost?

Can you improve and better manage your drying and lumber handling options?

This workshop will provide practical knowledge about how wood is effectively kiln dried and the scientific background to related wood properties and drying processes. The instruction and topics will be of interest and great value for novice and experienced kiln operators, as well as yard, sales, purchasing, marketing, and manufacturing managers. University professors and various industry experts will instruct in the classroom and through hands-on lab exercises using our modern kiln.

Lodging:

Reduced rates have been negotiated for the following hotels based on availability and must be made directly to the hotel at least 30 days prior to conference.

*Sheraton Syracuse University Hotel and Conference Center – 801 University Ave.
Mention Kiln Drying
315-475-3000*

*Crowne Plaza Syracuse – 701 East Genesee St.
Mention SUNY ESF*

*Phone reservations: 315-703-1913
Online reservations: <http://bit.ly/SUNYCPS>
Genesee Grande Hotel – 1060 East Genesee St.
Mention SUNY ESF
Phone reservations: 315-476-4212*

There are other hotels in the area, but those listed above are the closest to campus.