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January - February 2019

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ILICA ANNUAL CONVENTION & MEMBERS' MEETING JANUARY 9-12, 2019



(page 13-18)

FREE SAFETY WORKSHOP SERIES



(page 22)

Also Featured Inside:

- ▶ Secretary Perdue Names NRCS Chief (page 6)
- ▶ Extension Connection: How Far Apart, How Deep? Understanding the Influence of Tile Depth and Spacing on Nutrient Loss and Crop Yield (page 20-21)
- ▶ 2019 National LICA Convention & Winter Getaway (page 24-25)

Illinois LICA
P.O. Box 474
Brimfield, IL 61517

Upcoming Events:

ILICA Conv. & Members' Mtg.
Embassy Suites: East Peoria
January 9-12, 2019

OSHA 10 Hr & Defensive Driving
Mt. Vernon, Springfield, Peru
Feb. 5-6, Feb. 7-8, Feb. 19-20, 2019

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The *ILICA News* is the official publication of Illinois Land Improvement Contractors Association, Inc. at 118 E. Knoxville St., Brimfield, IL 61517. (309) 446-3700.

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PRESIDENT'S MESSAGE



Kind of foggy in Livingston County this morning; we've had four sunny, dry days, and the weatherman says we should have a couple more!!!

Last week, I traveled to Chicago [to see the lights...no] to meet at Army Corps of Engineers Chicago Branch with Lauren Lurkins

(Illinois Farm Bureau), Tom Huddleston (new LICA member), Robert Vanni (Midwest Ecological), and Ryan Arch to discuss the idea of a one-call system and flow chart, or booklet, on determining the need for an Army Corp permit when completing conservation and farming practices. One thing we learned was that Illinois is split into five districts with Rock Island being the lead for agricultural issues. One problem we are seeing is landowners getting approval from the NRCS via a FSA 1026 to do a project, when some projects also need an ACOE permit that landowners aren't aware of...stay tuned.

Room reservations for the Illinois LICA Convention and Members' Meeting at the Embassy Suites in East Peoria on January 9-12, 2019 are due in just a few days!! The Convention starts out with a new event: a New Member Meet & Greet on Wednesday from 5:00 to 7:00 PM for any Contractor or Associate that has joined during the last two years. We will have some adult beverages & snacks, as well as a presentation on membership benefits. On Thursday morning, there will be a Caterpillar Plant Tour followed by a Welcome Luncheon,

Trade Show, Education Sessions and Casino Night. Friday will include more Trade Show and Education with our Awards Banquet in the evening, emceed by Doug Oberhelman (former Caterpillar CEO), followed by the Members' and Board Meetings on Saturday.

As far as the "Moving Dirt- Digging Hole" report, I was recently at a watershed meeting with Jill Kostel from The Wetlands Initiative. They are looking for a site to build another wetland in the Livingston County area.

The 2019 National LICA Convention & Winter Meeting will be in Tucson, AZ from February 26 to March 2. Marie and I are planning on attending. Looks like a good lineup of Tours and Education Seminars, plus hopefully warm weather!


SAVE THE DATES: Eric Layden and the Education Committee have put together OSHA 10 Hour and Defensive Driving Workshops at three locations across the state. Feb 5th and 6th at Rend Lake College, Mt. Vernon, IL; Feb. 7th and 8th at Altorfer, Inc., Springfield, IL; and Feb 19th & 20th at Dimond Bros. Ins., Peru, IL. Best of all, these trainings are FREE to LICA Members and \$30 to non-members. Free registration was made possible via donations from Prins Insurance and United Fire Group.

Wishing All --

Merry Christmas and a Happy New Year,

Lee


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2018 BOARD MEMBER MTG. ATTENDANCE

A = absent P = present C = cancelled meeting

Area / Director	Jan	Mar	May	July	Sep	Nov
Pres: Lee Bunting	P	P	P	P	P	P
VP: Grant Curtis	P	P	P	P	A	P
1st VP: Steve Anderson	P	P	P	P	P	P
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Area 2 - Stuart Anderson	P	P	P	P	A	A
Area 3 - Wes Litwiller	P	P	A	A	P	P
Area 3 - Joe Streitmatter	P	P	P	P	P	A
Area 4 - David Kennedy	P	P	A	P	P	A
Area 4 - John McCoy	P	A	P	P	P	A
Area 5 - Earl Mast	P	A	P	A	A	P
Area 6 - Jon SeEVERS	P	P	P	P	P	A
Area 6 - Scott Day	P	A	A	P	A	A
Area 7 - Vacant						
Area 8 - Norm Kocher	A	A	A	A	A	P
Area 8 - Tom Beyers	P	P	P	P	P	P
Associate Dir: Brad Baker	P	A	P	A	A	P

BOARD & MEMBERS' MEETING SCHEDULE

Unless changed by the Board during the year, the ILICA business meetings are scheduled as follows:

Jan. 12, 2019 - Board/Members' Meeting (Winter Conv.)
 Embassy Suites, East Peoria

March 9, 2019 - Regular Meeting of the Board:
 TBD

Exact location, committee meeting times & other details will be published in the ILICA News and sent to members via mail and/or email.

SECRETARY PERDUE NAMES NRCS CHIEF

WASHINGTON, December 3, 2018 – U.S. Secretary of Agriculture Sonny Perdue announced today the appointment of Matthew J. “Matt” Lohr to serve as Chief of the U.S. Department of Agriculture’s (USDA) Natural Resources Conservation Service (NRCS). In his role, Lohr will provide leadership for NRCS and its mission to support America’s farmers, ranchers, and forest landowners in their voluntary conservation efforts through a network of over 3,000 offices in communities nationwide.

“Matt has committed his entire life to the betterment of agriculture,” Perdue said. “The knowledge and experience he brings to the table will help ensure our locally-led, science-based approach continues to offer farmers the conservation solutions needed to enhance their environment and commercial viability.”

Lohr, raised on a century farm in Virginia’s Shenandoah Valley, now owns and operates Valley Pike Farm, Inc., with his wife Beth and their six children. Prior to his appointment by the Trump Administration, Lohr held public office, serving in the Virginia House of Delegates from 2006-2010. In 2008, Lohr was awarded Legislator of the Year in honor of his work as an ambassador for economic and community development in Virginia. He then served as Virginia’s Commissioner of Agriculture and Con-



sumer Services from 2010 to 2013. More recently, Lohr worked as Knowledge Center Director for Farm Credit of the Virginias, a customer-owned financial cooperative that provides resources and education outreach to local farmers and the community. And since June 2017, he has been farming full time on the family operation, which includes poultry, beef cattle, row crops, and sweet corn.

“I am honored and humbled to serve America’s agricultural industry in this new capacity,” Lohr said. “As a 5th generation farmer, I care deeply about conserving and protecting our most valuable agricultural resources. I look forward to the chance to lead this valuable agency and assist our producers nationwide with their conservation practices.”

NRCS, through voluntary natural resource conservation programs, works side-by-side with producers, local conservation districts, and other partners to protect and conserve natural resources and build sustainable farming solutions through soil conservation on private

lands throughout the United States. For more information on NRCS visit www.nrcs.usda.gov.

Source: <https://www.nrcs.usda.gov/nps/portal/nrcs/detail/national/newsroom/releases/?id=NRCSERPD1432017>



Ray Archuleta



David Montgomery



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January 22nd, '19 Mendota, IL	January 23rd, '19 Springfield, IL	January 24th, '19 O'Fallon, IL
----------------------------------	--------------------------------------	-----------------------------------

Learn more & register online at www.ccsxcd.com! Your \$20 fee includes lunch. CCA credits applied for--watch the website! The 6th annual event is coordinated by IL Department of Agriculture, Illinois NRCS, American Farmland Trust, Illinois Stewardship Alliance, and local Soil & Water Conservation Districts. Don't miss these BIGTIME speakers! Get registered online today or call 217-352-3536 #101 to reserve your spot!



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ILICA Ladies Page

Winter is in full force. As the days get shorter and the nights get colder, even the best of us can get a little down. The "winter blues" are characterized by the mild depression, lack of motivation, and low energy that many people experience during this cold season. Luckily, there's a lot you can do to both prevent the blues from coming on and get yourself back to normal if they're already here.

1. Exercise

As if we needed another reason to get fit! Exercise isn't only for maintaining your weight and staying healthy. It's great for relieving the stresses of life. Plus, the effects of a good workout can last for several hours after you hit the showers. You'll have more energy throughout the day, and your metabolism will stay elevated too. Exercise also helps your mind by releasing those "feel good chemicals" that improve your mood.

2. Eat a Healthy Diet

What and when you eat has a great affect on your mood and energy. Avoid refined and processed foods (like white breads, rice, and sugar). These foods are not only devoid of the nutrients your body craves, but they zap your energy levels and can affect your mood—causing depression, lack of concentration, and mood swings. Try to incorporate more complex carbohydrates (whole wheat breads, brown rice, veggies, fruit) and get your daily 8 cups of water. These healthy foods provide your body (and mind) with nutrients, and stabilize your blood sugar and your energy levels.

3. Get Some Sun

Most people know that sunlight provides us with Vitamin D. But did you know that it also improves your mood? Winter days are shorter and darker than other months, and because of the cold weather, a lot of people spend less and less time outdoors. Lack of sunlight can cause many people to become depressed—without knowing why! Similar to exercise, sunlight exposure releases neurotransmitters in the brain that affect mood. Try to spend a little more time outdoors. Keep your shades up during the day to let more light in. Sit near windows in restaurants and during class. Try changing the light bulbs in your house to "full spectrum" bulbs. These mimic natural light and actually have the same affects on your mind as the real thing.

4. Act on your Resolutions

A recent study from the CDC showed a strong link between healthy behaviors and depression. Women who exhibited healthy behaviors (like exercising, not smoking, etc.) had less sad and depressed days than those whose behaviors were less than healthy. Although researchers studied women, the results are likely similar in men.

5. Avoid Binge Drinking

Staying in with a cold beer or a nice glass of wine may seem like the only thing to do in the winter months, and many people who feel down also tend to turn to alcohol when they're feeling down. But alcohol is actually a depressant, and rather than improving your mood, it only makes it worse. Avoiding alcohol when you

are already depressed is a good idea. Moderate drinking is fine for most people, but binge drinking (defined as having 5 or more drinks in one sitting) is never a healthy choice. The morning after will have you feeling sick, depressed, and even more tired, which will affect many aspects of your life. This will make your low energy and "winter blues" even worse.

6. Treat Yourself

Having something to look forward to can keep anyone motivated. Winter seems endless! But if you plan something exciting, your mood improves when you're anticipating it and when the event actually comes. Plan something that's exciting to you—a weekend trip, a day at the spa, a party (but keep #5 above in mind), or special event like a play, girls (or guys) night out, or sporting event.

7. Relax!

You're busy! Work, class, family, friends, appointments, meetings—even if you enjoy being busy, everyone needs some time off. Don't be afraid to say "No" to extra opportunities (covering a shift for a co-worker, bringing food to your son's class party). Try to spend a few minutes each day doing nothing! Read a book or magazine, sleep in on the weekend, go to bed early, try some meditations, or take a yoga class. Relaxation, especially in the form of yoga, can alleviate stress and leave you with a calm energy. Mental exercises like meditation and positive thinking can help keep depression at bay.

8. Embrace the Season

Instead of always avoiding the cold and the snow—look for the best that it has to offer! Take up a winter sport like ice skating, snowboarding, hockey, or even sledding! Enjoy these opportunities while they last—after all, they're only here a few months per year. Staying active will boost your energy. Seeing winter in a positive light, with all the fun activities that it has to offer, will keep your spirits high.

9. Get Social Support

Don't underestimate the power of friends, family, mentors, co-workers, and neighbors. Who can you turn to when you're down and need a pick-me-up? Keep a mental list of these special people and don't be afraid to ask for help or encouragement when you need it. Something as simple as a phone call, a chat over coffee, or a nice email or letter can brighten your mood.

10. Catch some Zzzz's

People naturally want to sleep a little bit more during the winter. But with all we have going on, sometimes sleep is the first thing to go. With a little time management, and some self-discipline, you can meet your shut-eye needs. Aim for 7-8 hours each night, and try to keep your bedtime and waking time consistent. That way, your sleeping patterns can normalize and you'll have more energy. Try not to oversleep—those 12-hour snoozes on the weekend can actually make you MORE tired. Don't forget naps! A short (10-30 minute) afternoon nap may be all you need to re-energize midday.



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Attention New Contractor Members

Remember ...

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January 9-12, 2019

Embassy Suites

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Many contractors are skilled at building to grade, digging to an appropriate depth, estimating yardages of dirt to be moved or estimating job costs. However, the actual "business" of running a construction company often takes a back seat to project deadlines and demands that drive day-to-day operations. Let the 2019 ILICA Annual Convention & Members' Meeting "Improve Your Odd\$" by giving you all the update-to-date business trainings and tools that your company needs to maximize efficiency, investments, and profitability.

ILLINOIS

CHAPTER

Land Improvement Contractors
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Convention Agenda

Wednesday, January 9

5:00 pm - 6:00 pm

Registration

5:00 pm - 7:00 pm

New Member Meet & Greet

Contractor and Associate members that joined the Association over the last 2 years are invited to attend this social event. Open bar and snacks provided, as well as a brief presentation on membership benefits.

Thursday, January 10

8:00 am - 4:00 pm

Registration

8:00 am - 12:00 pm

Caterpillar Tour

Start your morning off with a CAT plant tour to witness dozer assembly and more. After the plant tour, check out the Doug Oberhelman Caterpillar Visitors' Center where you can take a virtual ride in the bed of a massive two-and-a-half story Cat 797F Mining Truck. Learn how Caterpillar's story began as two companies came together to build Caterpillar on the foundation of innovation and customer focus. Unleash your inner engineer as you design your very own Cat machine. Test your skills on a simulator to see first-hand what it's like to operate equipment the way our operators do, and no visit is complete without climbing in a track-type tractor.

8:00 am - 12:00 pm

Septic Training

Installers, pumpers, and portable sanitation technicians receive 3 CEUs from this inclusive training provided by Chase Environmental Services.

9:00 am - 12:00 pm

Ladies Activity

Join the ILICA Ladies for in-house craft activities such as wine bottle painting & greeting card placemat making.

Thursday, January 10 (Continued)

10:00 am - 10:30 am

Morning Break

12:00 pm

Welcome Luncheon

Convention committee chairman welcome and new member recognition. Partner reports from National LICA, Army Corps of Engineers

1:00 pm - 3:00 pm

Ladies Activity

Do you like clothing, jewelry, housewares, and crafts? Of course you do! Come visit a number of in-house vendors with products from names like LuLaRoe, Thirty-One, Pampered Chef, Paparazzi, and more!

1:00 pm - 3:00 pm

Trade Show

Visit over 35 industry vendors and chat with Associate members to check out all the latest equipment, technology, and product offerings.

3:00 pm - 4:00 pm

Retirement Planning

Edward Jones Investments representative, Jenni Case, explores various retirement plans and options in the market place.

4:00 pm - 5:00 pm

Working Across Generations

Bradley University Professor, Dr. Aaron Buchko, examines the historic 5 generations in the workplace, what it is that makes each generation unique, and how to work together to produce optimum results despite those differences.

5:00 pm - 6:00 pm

Hospitality Hour & Hors D'oeuvres

Grab a drink and a snack to recharge your brain ahead of the CASINO NIGHT.

6:00 pm - 8:30 pm

Casino Night

Try your hand, literally, at earning LICA Bucks for use at the auction. Choose the luckiest roulette, craps, or Associate member sponsored black jack tables to improve your odds.

(Continued pg. 15)

Thursday, January 10 *(Continued)*

8:30 pm - 10:00 pm

Live Auction

Gather your LICA Bucks winnings or pool your earnings to maximize your purchase potential for big ticket auction items.

10:00 pm - 1:00 am

Associate Hospitality Rooms

Whether you are looking to unwind after a day of education sessions or merely looking for a brief night cap, check out the 3 Associate hospitality rooms for refreshments, snacks, and games.

Friday, January 11

7:30 am - 8:00 am

Devotions

Jump start your morning with scripture, testimony, and hymns.

8:00 am - 11:00 am

Registration

8:00 am - 9:00 am

Taxes & Accounting

Courson & Associates' very own Dustin Courson covers new tax laws and accounting considerations for the small business owner. Bring your questions to this interactive session and learn where you can improve your bottom line.

9:00 am - 10:00 am

Drainage Law

Jim Ayers, Shonkwiler & Ayers, reviews drainage law in Illinois and can answer your site specific questions

9:00 am - 12:00 pm

Ladies Day Outing

Learn about the best foods and habits to optimize your health from a Hy-Vee nutritionist, partake in a meal prep class, and enjoy a tour of the Hy-Vee store. Lunch provided on-site.

10:00 am - 12:00 pm

Trade Show

Take advantage of your last opportunity to visit over 35 industry vendors and Associates to check out all their latest equipment, technology, and product offerings.

Friday, January 11 *(Continued)*

10:00 am - 10:30 am

Morning Break

12:00 pm

Luncheon

Partner reports from the Natural Resources Conservation Service & Illinois Association of Drainage Districts

1:30 pm - 3:00 pm

Employment Law

Wessels Sherman discusses a number of management side employment law topics including: best practices for avoiding wage/hour, harassment, discrimination and retaliation claims. This session will also provide helpful information regarding hiring and firing, employment contracts and more.

3:00 pm - 3:30 pm

Afternoon Break

Grab a sweet treat at the ice cream social.

3:30 pm - 4:30 pm

QuickBooks

Learn the ins-and-outs of QuickBooks desktop from Aaron Birky, CPA. Whether you are new to the program or a seasoned veteran, there is guaranteed to be some take home advice.

4:30 pm - 5:00 pm

Agricultural Drainage Management Coalition (ADMC) Update

Discover the results of ADMC's recent FSA saturated buffer monitoring project and the current status of the latest conservation drainage practices. Also learn about ADMC's vision going forward and how you can become involved from Keegan Kulf, ADMC Executive Director.

5:00 pm - 6:00 pm

Hospitality Hour

Speculate over the 2018 award recipients with a drink.

6:00 pm - 9:00 pm

Awards Banquet

Help us recognize those individuals and entities that have contributed so much to the Association over the past year during this formal event. Friends and family welcome.

Friday, January 11 *(Continued)*

9:00 pm - 1:00 am

Associate Hospitality Rooms

Before you turn out for the night, pop on in to the Associate Hospitality Rooms to congratulate the 2018 award winners one more time. We know they would appreciate it!

Saturday, January 12

7:30 am - 8:30 am

Devotions

Hear real stories about faith transforming lives from Teen Challenge of Peoria Redemption Center, a 24-hour residential center for men age 18 and older who are dealing with drug and/or alcohol addictions. Teen Challenge is a faith-based ministry, which believes there is a cure for drug addiction, alcoholism and life-controlling problems. Their goal is to help hurting people become whole persons in a broken world.

9:00 am - 9:15 am

Final Regular Board of Directors Meeting

9:00 am - 12:30 pm

Ladies Activity

Join the ILICA Ladies for in-house craft activities such as wine bottle painting & greeting card placemat making.

9:15 am - 12:30 pm

Members' Meeting

All attendees are encouraged to participate. Members will be given updates from our various committees, as well as have the opportunity to guide Illinois LICA through 2019.

10:45 am - 11:00 am

Morning Break

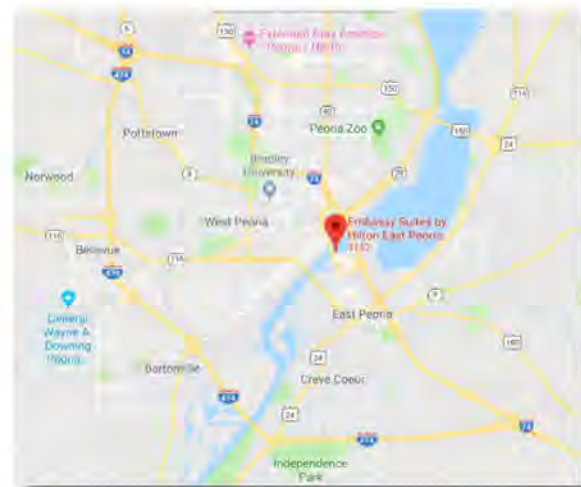
12:30 pm

Luncheon & Convention Committee Meeting

Hotel Info

The Embassy Suites is offering a room rate of \$129 per night for a standard king or a double queen, plus applicable state and local taxes. To take advantage of this block room rate, please visit: <http://group.embassysuites.com/ILLandImprovementContractorsAssoc> Enter arrival and departure dates in upper right hand corner, click on more options (located under the check rooms & rates blue button), enter LAN in the group code box, then click on check rooms and rates (blue box). Room types with the \$129.00 rate will appear to select and complete your reservation.

Or call 1-800-Embassy and reference the Illinois Land Improvement Contractors block. This rate will expire on **December 18, 2018**, so reserve your room as soon as possible.





Registration Form

Illinois LICA Convention & Members' Meeting



Embassy Suites Hotel & Conference Center - East Peoria, IL
January 9-12, 2019

IMPROVE YOUR ODDS WITH ILICA

Pre-Registration Fee: Includes \$50 LICA Bucks!
(December 28, 2018)

Full Participation		One Day Participation	
Individual	\$205	Individual	\$100
Couple	\$315	Couple	\$155
Child (5 - 12)	\$90	Child (5 - 12)	\$55
<i>(Under 4 free)</i>		<i>(Under 4 free)</i>	

Late Registration:

Full Participation		One Day Participation	
Individual	\$250	Individual	\$120
Couple	\$360	Couple	\$185
Child (5 - 12)	\$115	Child (5 - 12)	\$70
<i>(Under 4 free)</i>		<i>(Under 4 free)</i>	

Indicate which day(s), meals, and special events you plan to attend

Wednesday, Jan. 9:

- New Member Meet & Greet**
(new members and leadership only)

Thursday, Jan. 10:

- All Meals** or
 - Lunch**
 - Dinner**
- CAT Tour**
- Ladies Activity**

Friday, Jan. 11:

- All Meals** or
 - Lunch**
 - Dinner**
- Ladies Activity**

Saturday, Jan. 12:

- Lunch**
- Ladies Activity**



Attendee Name: _____ Spouse's Name: _____

Address: _____ City: _____ State: _____

Company Name: _____

Additional Name(s): _____

Total Enclosed: \$ _____ * Payable to: ILICA
***Septic Training fees not included. Please complete Septic Registration Form.**

PO Box 474
Brimfield, IL 61517

Make your hotel reservations today! Call 1-800-Embassy and reference the **IL Land Improvement Block**
 or visit <http://group.embassysuites.com/ILLandImprovementContractorsAssoc> and enter code **LAN**.

Please make your reservations before **December 19, 2018** to ensure your guaranteed room rate of \$129 plus tax.



Special Dietary Needs



Private Sewage Disposal Contractor Training



January 10, 2019

Embassy Suites Hotel & Conference Center, East Peoria, IL

Installer, Pumper, Portable Sanitation Technician CEU's

Chase Environmental Services and Illinois LICA are pleased to announce **ILICA members** are able to receive 3 CEU's required for the renewal of Illinois Septic Licenses at a **discounted rate of \$30 for single, \$50 for dual or \$70 for all 3 licenses** during the 2019 convention in East Peoria.

Be sure to invite your septic service provider friends, too! Non-member attendees get to attend the trade show and lunch for FREE after the training. Plus, ILICA is again offering a single license class FREE for any non-members that join ILICA at the training.

Training Schedule:

8 am-12 pm: 3 Hour IDPH approved CEU course for Private Sewage Disposal Contractors
(includes sign-in, breaks between sessions, sign-out, workshop evaluations and certificate distribution)

In addition to the septic training fees, the following Convention charges may apply:

8 am - 9 pm: ***Full Day Registration:** Trade Show, Breaks, Lunch, Dinner,
Live Auction and Hospitality Hour (5 - 9 pm) **\$100.00**

8 am - 3 pm: **1/2 Day Registration:** Septic Training only, Lunch, Trade Show **\$35.00**

** Includes Thursday's ladies day make & take (including lunch) for spouses*

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____

Email Address: _____

IDPH Installation Contractor License #: **049** - _____

IDPH Pumping Contractor License #: **054** - _____

IDPH Certified Portal Sanitation Technician #: **901** - _____

Single License Training - \$30

2 License Training - \$50

3 License Training - \$70

Septic Training: \$ _____

Convention Registration: \$ _____

Total: \$ _____

Please complete this form and mail it along with a check for your participation to:

**Illinois LICA
P.O. Box 474
Brimfield, IL 61517**

2019 IADD CONFERENCE

January 17th & 18th, 2019

The Illinois Association of Drainage Districts would like to invite all ILICA members to attend our Annual Conference in Bloomington on January 17th & 18th, 2019. This popular conference caters to the needs of drainage commissioners but would also be valuable to those working with drainage districts. Questions? Please call (217) 763-6300.

LOCATION:
DoubleTree Hotel
10 Brickyard Drive
Bloomington, IL 61701

AGENDA

Thursday, January 17th

- 12:00pm Registration & Trade Show Open
- 1:00pm So, Where is the Right-of-Way?
- 1:45pm Solar Panels & Windmills
- 2:45pm Break
- 3:15pm Solar Panels & Windmills Panel
- 3:45pm Regulatory Panel
Representatives from regulatory agencies such as the US Army Corps of Engineers, IDNR and NRCS will discuss how their regulations apply to drainage districts.

- 11:00am Break
- 11:15am Option A: Woodchip Bioreactors: Fancy Name, Serious Science
- Option B: Commissioner Responsibilities
- 12:00pm Luncheon
- 1:00pm Keynote Speaker - Trey Hill
Mr. Trey Hill will speak on the condition of the Chesapeake Bay today after years of EPA compliance by Bay farmers. Find out which farming practices are working best to improve water quality.

Friday, January 18th

- 7:00am Registration, Breakfast & Tradeshow Open
- 8:00am IADD Annual Business Meeting & Legislative Report
- 9:15am Option A: Drainage District Consolidation and Annexation
- Option B: Advanced Conservation Drainage Training
- 10:00am Break
- 10:15am Option A: Was the USEPA Mandate for the Chesapeake Bay/Maryland a Precursor for the Mississippi River Basin/Illinois?
- Option B: Invasive Species Management

- 1:30pm Attorney & Engineer Panel
- 2:30pm Break
- 2:45pm Option A: That Would Never Happen to Us... Would It?
- Option B: Drainage District Commissioner Election Procedures
- 3:15pm Break
- 3:30pm Option A: Hunting, Trapping and Private Property Rights Near Drainage Ditches
- Option B: Open Meetings Act Training/FOIA Info

*Please Note: The agenda is subject to change without notice.

2019 IADD ANNUAL CONFERENCE REGISTRATION FORM

Company Name: _____

Person Attending: _____

Address: _____

E-Mail: _____

Phone: _____

REGISTRATION FEES:

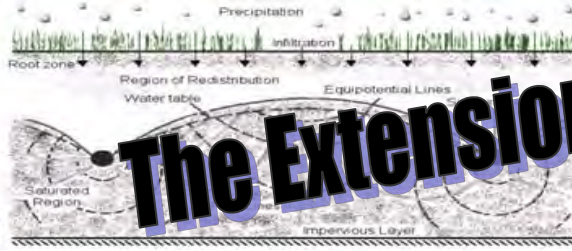
IADD and ILICA Members: \$70
 (\$80 at the door)

Non-Members: \$100
 (\$110 at the door)

Please make checks payable to the IADD.

Mail Registration form and check to: IADD, P.O. Box 943, Morton, IL 61550

Registration is also available on-line at www.IADD.info



Source: Rabin Bhattarai & Richard Cooke
 Department of Agricultural and Biological Engineering,
 University of Illinois at Urbana-Champaign, Urbana, IL

HOW FAR APART, HOW DEEP? UNDERSTANDING THE INFLUENCE OF TILE DEPTH AND SPACING ON NUTRIENT LOSS AND CROP YIELD

One of the major nonpoint source pollutants in Illinois, as in other parts of the Midwest, is nitrate-nitrogen. Concentrations of this chemical in drinking water supplies for several Illinois communities periodically exceed the Federal drinking water standard of 10 mg-N/L. High nitrate levels have also been linked to environmental problems as hypoxic zone in the Gulf of Mexico every summer. One of the main source of nitrate-nitrogen in water bodies in the region is from agriculture. It has been estimated that Illinois contributes about 17% and 13% of the total annual flux of nitrogen and phosphorus, respectively to the Gulf, mainly because of the widespread use of subsurface (tile) drains.

Tile drainage improves crop yields on poorly drained soil and helps reduce year-to-year variability in crop yields. However, they can act as preferential pathways that transfer contaminated water directly to water bodies without this water being subjected to soil processes that attenuate nitrate concentrations. There are some 10 million acres in Illinois that are tiled, representing 35% of the total agricultural land in the state. Most of this tiled acreage is located in the so-called “tile-shed,” a 22-county region generally bounded by I-80 on the north, I-70 on the south, I-55 on the west, and the Illinois/Indiana boundary on the east. It is, therefore, not much of a surprise to find that high nitrate concentrations have been found in the drinking water supplies of communities such as Decatur, Georgetown, Danville, and Bloomington. It has been also noted that the tile-drained watersheds in Illinois contribute much larger nitrate yields than the non-tiled, southern Illinois watershed.

The Illinois Nutrient Loss Reduction Strategy (NLRs) calls for actions to reduce the state’s nitrate and phosphorus loads to the Mississippi River by 15 and 25%, respectively, over the next decade. While the overall conclusions are clear - sweeping measures may be required across the majority of corn-soybean acres if these ambitious reduction goals are to be met - at the individual farm scale, many questions remain. The scientific complexity of nutrient losses remains poorly understood and many growers feel they are being asked to change their operations and reduce nutrient inputs without a clear understanding of how specific recommendations will influence outcomes. Because the need for proactive efforts is greater than ever, the

next few years represents a critical opportunity to engage the agricultural community in science and outreach activities that will help define the success of the NLRs.

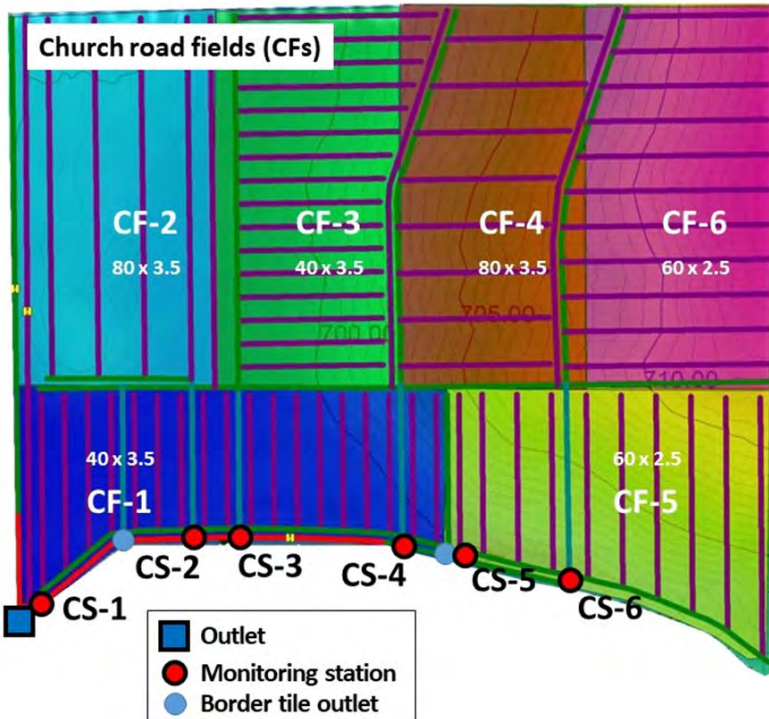
Farmers know the importance of tile drainage, but what can we learn by understanding tile depth and spacing? It turns out we can learn quite a bit from how these factors influence soil water dynamics. Illinois Nutrient Research and Education Council (IL-NREC) funded a research project to investigate how tile depth and spacing variations influences nutrient losses and crop yield in East-central Illinois earlier this year. Drs. Rabin Bhattarai and Richard Cooke from the University of Illinois lead the project. In the past, there have been few studies that investigated the impact of tile spacing and depth on water quality from tiled fields and their impact on the crop yield, but the results have not been conclusive. There have not been any comprehensive studies related to tile depth and spacing on nutrient loss and crop yield conducted in Illinois.

This project is be the first of its kind to quantify tile drainage nutrient losses for different combinations of tile depth and spacing while also assessing potential agronomic and environmental tradeoffs that have not been previously considered. The researchers also plan to develop a drainage design tool that will provide an optimum solution for minimizing the nutrient loss, while enhancing crop production goals. Tiling was completed in a 30-acre farm earlier this year with help from ILICA member (figure 1).



Figure 1. Tile installation in the monitoring fields

The Extension Connection (cont.)



The 30-acre field is divided into 6 sections, each about 5 acres in area. There are two replicates of three sections with various depth and spacing combinations (40 ft spacing at 3.5 ft depth, 60 ft spacing at 2.5 ft depth, and 80 ft spacing at 3.5 ft depth). A water management structure equipped with a v-notch weir was also installed at the outlets of the tile drain systems (Figure 2). This is first year of 3-years long study.

At the end of the project, we expect to answer the following questions:

Do current tile drainage design primarily provide a quick pathway for water to leave the fields and decrease the yield variability, but have negative impacts on nutrient losses?

How does changes in tile depth and spacing impact nutrient losses and crop yield?

Figure 2. The layout of the installed tile-drained fields and monitoring stations. CS-1, CS-2, CS-3, CS-4, CS-5, and CS-6 are a monitoring station to collect water samples and gauge tile flow for CF-1, CF-2, CF-3, CF-4, CF-5, and CF-6, respectively.

ILICA CLASSIFIEDS

Brown Bear 1

- 225 HP John Deere engine
- Less than 700 hrs. on overhaul
- Never used in sludge
- Farm tile back filling only
- Multi speed hydro static drive
- Axles rebuilt
- All hyd. pumps & motors rebuilt
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- Auger head overhauled & balanced

Asking price is \$67,500.00

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David Casey
 Countryside Professional Land Services
 5180 S. Queens Road
 Rochelle, Illinois 61068
 Office: 815-562-7942
 Mobile: 815-970-7358
 Email: dcasey@countryside-pls.com



FREE SAFETY WORKSHOP SERIES



Made possible through an education fund donation from associate members United Fire Group and Prins Insurance, ILICA is excited to announce our spring workshop series. Starting in early February, ILICA will be offering OSHA 10 hour certification and defensive driving training in three areas of the state (north, central, and south) at no cost to members and for only \$30 for non-members! The OSHA training is a great refresher for those that have had the training years ago, and the certification is a must for new employees. And with distracted driving accidents and claims on the rise, defensive driving training is important for everyone to protect themselves, employees, and family members. Members have the option of attending the full workshop or attending just one training topic (i.e. OSHA or defensive driving). Lunch will be provided both days and hotel room blocks are available for all locations.

The two day workshop agenda (below) is the same for all locations. Registration forms will be in the mail soon or can be found online at <https://www.ilica.net/events>. Members can also call the office 309.446.3700 to register. **The general registration deadline is January 30th.**

Workshop dates, locations, and details are as follows:

February 5-6:
Rend Lake College Marketplace - Mt. Vernon, IL
Hotel block deadline @ DoubleTree is Jan. 22

February 7-8:
Altorfer - Springfield, IL
Hotel block deadline @ Drury Inn is Jan. 5

February 19-20:
Dimond Bros. Insurance - Peru, IL
Hotel block deadline @ Fairfield Inn & Suites is Jan. 30

ILICA encourages all members to take advantage of this great education opportunity made possible through continued associate member support. These trainings provided by associate members Grey & Associates and United Fire Group are custom tailored to our members' needs, which means more training emphasis is placed on the things that matter most to our industry; making for a valuable and applicable training that is actually engaging.



OSHA 10 Hour Certification Agenda Day 1

- 9 - 11 am Introduction to OSHA
- 11 - 11:10 am Break
- 11:10 - 12:30 pm Fall Protection
- 12:30 - 1 pm Lunch
- 1 - 2 pm Electrical
- 2 - 2:30 pm Stairways & Ladders
- 2:30 - 3 pm Identifying Health Hazards
- 3 - 3:15 pm Break
- 3:15 - 3:45 pm Personal Protective Equipment
- 3:45 - 4:15 pm Material Handling
- 4:15 - 5 pm Emergency Action Plan

OSHA 10 Hour Certification Agenda Day 2

- 8 - 9 am Caught-in-between
- 9 - 10 am Struck by
- 10 - 10:10 am Break
- 10:10 am - Noon Excavating/Trenching/Jobsite Awareness
- Noon - 12:45 pm Lunch

Defensive Driving Training Day 2

- 1 - 5 pm Learn skills and techniques to avoid collisions, reduce traffic violations and change driver behaviors and attitudes through hazardous condition re-enactments and driving scenarios



CALENDAR OF EVENTS

Illinois

**2019 ILICA Convention & Members' Mtg.
January 9-12, 2019**

Embassy Suites Hotel & Conference Center
100 Conference Center Dr., East Peoria, IL 61611
Board Meeting - Saturday, January 12 @ 9 am
Members' Meeting - Saturday, January 12 @ 9:15 am

OSHA 10 Hr. & Defensive Driving Workshops

Feb. 5-6, 2019: Rend Lake College - Mt. Vernon, IL
Feb. 7-8, 2019: Altorfer - Springfield, IL
Feb. 19-20, 2019: Dimond Bros. Ins. - Peru, IL

National

**2019 LICA Winter Convention
February 26-March 2, 2019**

El Conquistador Tucson
10000 North Oracle Rd., Tucson, AZ, 85704
Room Rate: \$179/night; Reserve by January 28th
Call: 888-370-0980; Group Code: LICA

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2019 National LICA Convention & Winter Getaway



Tuesday, February 26

- 8:00 am - 4:30 pm Copper Mine & Museum
- 6:00 pm - 9:00 pm Executive Committee

Wednesday, February 27

- 8:30 am - 4:00 pm Tucson City Tour

Thursday, February 28

- 8:00 am - 8:45 am National Benefits
- 9:00 am - 12:00 pm Executive Directors Meeting
- 9:00 am - 9:45 am Hiring & Firing Practices
- 10:00 am - 10:45 am A Guide to Quickbooks

More Educational Seminars to come...

- 7:00 pm - 10:00 pm **Associates' Night**
 "Construction Challenge"
 LICA will be putting their operating skills on display!



Friday, March 1

- 7:00 am - 7:30 am Devotions
- 7:30 am - 8:00 am Committee Chairs
- 8:00 am - 10:00 am Breakfast
- 8:15 am - 9:15 am Education/Tech
Legislative
Water Table Mgmt.
- 9:30 am - 10:30 am By- Laws
Conservation, Exc.
Ladies/Devotions
Nominating

Friday, March 1 (Continued)

- 10:45 am - 11:45 pm Convention
Long-Term/Past Pres.
On-Site Waste
Safety/Insurance
- 12:00 pm **Lunch**
- 2:00 pm - 3:00 pm Associates
Awards
Membership
Policy
- 3:15 pm - 4:15 pm Region Meetings
- 4:15 pm - 5:15 pm Budget

Saturday, March 2

- 7:30 am - 8:00 am Devotions
- 8:00 am Breakfast
- 9:30 am - 10:30 am Delegates Meeting
- 10:45 am - 11:45 am Board Meeting
- 1:30 pm **Lunch**
- 6:00 pm **CNA Reception**
- 7:00 pm **Caterpillar Awards Banquet**



2019 National LICA Convention & Winter Getaway



Company _____

City _____ State _____

Phone _____

Email _____

Names of Attendees (for Badges)

Name _____

Name _____

Name _____

Name _____

Early Bird Registration

Postmarked by **January 28, 2019**

Members, Spouses, Associates **\$310**

Number Attending _____ Total \$ _____

Youth: 13 Years & under **FREE**

Number Attending _____

Registration

Postmarked after **January 28, 2019**

Members, Spouses, Associates **\$350**

Number Attending _____ Total \$ _____

Youth: 13 Years & under **FREE**

Number Attending _____

Registration Includes: Associates Night, Friday Breakfast & Lunch, Saturday Breakfast & Lunch, CNA Reception & Caterpillar Awards Banquet.

Optional Tours

Tues. Feb. 26

Mine & Museum No. Attending _____
Cost \$ 70 per person Total \$ _____

Weds. Feb. 27

Tucson City Tour No. Attending _____
Cost \$ 60 per person Total \$ _____

Convention total \$ _____

(tours plus convention registration)

Enclosed is my check for \$ _____

or charge my credit card

Credit Card MC Visa

Cardholder _____

Card # _____

Exp. _____ 3 Digit Code _____

Billing zipcode _____

Hotel Information:
 El Conquistador Tucson
 10000 North Oracle Road; Tucson, AZ 85704
 Room Rate: \$179/night plus taxes
 Call: (888) 370-0980
 Group Name: LICA
 Reserve by: January 28, 2019

Return this form with payment to:
LICA Winter Convention
3080 Ogden Ave. Suite 300, Lisle, IL 60532

Registration Policy: Only individuals registered and wearing badges may attend Winter Convention events. No registration will be processed without payment. Registration fee deadlines will be strictly enforced.
Refund Policy: For cancellations received prior to February 1, 2019 a \$30.00 charge will be deducted from the original amount paid. No registration payment will be refunded after February 1, 2019 unless there has been an emergency.

SAFETY FEATURE: PREVENTING HEARING LOSS

If you are exposed to loud or excessive noise while on the job, making sure you wear hearing protection is crucial to preventing hearing loss.



Can you hear as well as you used to? Many workers complain they cannot, and statistics show that they are right. According to the Occupational Safety and Health Administration (OSHA), noise-induced hearing loss is one of the most common occupational diseases, and is the second-most self-reported occupational illness or injury. Many workers are

often exposed to noises loud enough to cause permanent hearing loss. It can happen slowly over time, so it may not even be noticeable.

The time to be concerned about hearing loss is before it starts. Hearing loss is permanent. The good news is that hearing loss is preventable with the right protection.

The Facts

To protect yourself in the workplace, you need to be aware of the noise levels that can promote hearing loss and to take steps to avoid or reduce them as follows.

- According to the National Institute of Occupational Safety and Health (NIOSH), workplace noise is likely to be hazardous if:
 - You have to raise your voice to talk to someone who is an arm’s length away.
 - After leaving a noisy place, your ears are ringing or sounds seem dull.
- Experts recommend wearing ear protection when regularly exposed to 85 decibels of noise. For comparison’s sake, this is less than the noise output from average traffic, most power tools, a shotgun blast or rock concerts.
- Be sure to wear hearing loss protective equipment consistently.

If you suffer from hearing loss, you may become more isolated at work because you will have trouble hearing and communicating with others. This can put you at a higher risk of accidents and injuries. If you are not able to hear warning signals or shout-outs from your co-workers, you may not be as aware of hazards or danger as you need to be.

It is up to you to protect your hearing on the job by participating in personal protective equipment (PPE) training and complying with our hearing loss prevention program by wearing your hearing protection, as required.

Types of Hearing Protection

The louder the noise, the shorter the exposure time needed before hearing protection is required. From earmuffs to simple plugs, there are a variety of sizes and styles to choose from, based on your personal preferences and comfort level. Some of the most common types include:

- Single-use ear plugs, which are self-forming and, when properly inserted, work as well as most molded earplugs.
- Pre-formed or molded earplugs, which are individually fitted by a professional, can be disposable or reusable. Reusable plugs should be cleaned after each use.
- Earmuffs, which are ideal because they form a perfect seal around the ear. Be aware that glasses, facial hair, long hair or facial movements, such as chewing, may reduce the protective value of earmuffs.

Hearing loss can be debilitating and is irreversible. Taking precautions in the workplace today will help to protect you against hearing loss tomorrow.

Discussion Date: _____

Employee Participants



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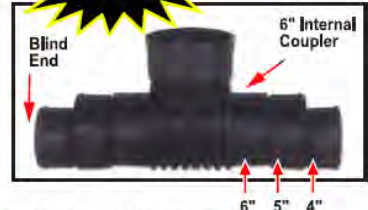
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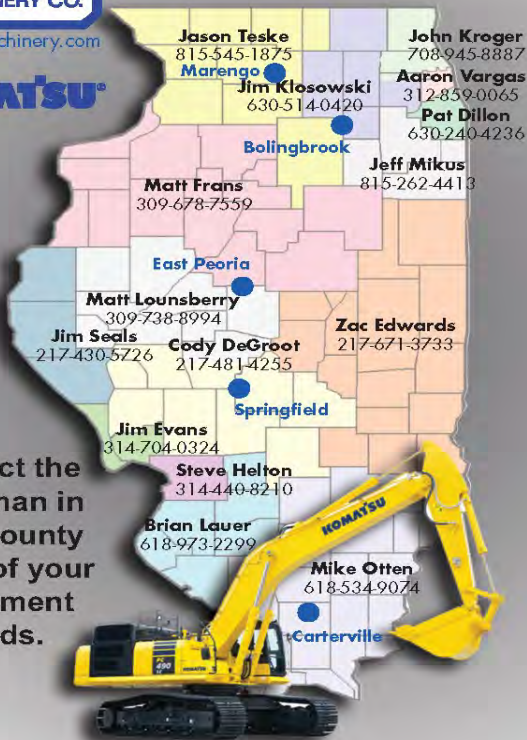
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