Events At A Glance


March 22, 2024: IGSHPA Dig Deeper Webinar

April 2, 2024: Online Lunch Time CGD Course Begins

April 8, 2024: Albany NY-GEO 2024

April 10, 2024: IGSHPA Town Hall

April 26, 2024: IGSHPA Dig Deeper Webinar

STAY UP TO DATE ON OUR UPCOMING EVENTS WITH OUR EVENTS PAGE ON OUR WEBSITE: https://igshpa.org/calendar/

Message from the Executive Director

The old saying is that if March comes in like a lion, it will go out like a lamb. IGSHPA is definitely "roaring" in March and I think we have the "luck of the Irish" (sorry for the Dad jokes!). Seriously, though, IGSHPA has more going on right now that it has in years, and I am working on several e-mails that I will be
sending out over the next few months to provide updates to members, especially on all of the new training modules that are being developed. Stay tuned for more information!

One of the best outcomes of the increased activity that IGSHPA is seeing right now is cooperation with so many of our members and other organizations. GeoExchange and IGSHPA have the best working relationship in the two organizations' history and we're also getting a lot of participation from state/provincial geothermal organizations. IGSHPA is working with MediaMark Spotlight on marketing material, videos, social media content, and industry promotion that is shared with IGSHPA members on the Member Portal (another benefit of being a member!) -- check out the "member resources" page on the portal. Consistency of message and content for use by members will help us grow this industry.

Speaking of member benefits, the new IGSHPA membership program that started at the beginning of the year is being received well. We already have three Benefactor members (Thank you, Chesapeake Geosystems, Kocher's Water Pumps & Tanks, and Phoenix Energy Supply!) and there are new levels of membership, including a directory-only listing that will help with lead generation. You will see the first round of Benefactor benefits as we start to announce 2025 conference details. Benefactors will have advanced notice of opportunities related to the conference.

Even though it's still a year out, we will start to update members starting with this newsletter on the 2025 conference. Under the "conference" menu at igshpa.org, you'll find a new addition for the 2025 annual conference. As more information becomes available, it will be added to the website and we will provide updates via the monthly newsletter, e-mail announcements, and on social media.

Hold on to your hats! IGSHPA is not slowing down anytime soon.

Sincerely,

Jeff Hammond
Executive Director
International Ground Source Heat Pump Association
IGSHPA Rolls Out New Installation Technician and Basic Service Technician Training at Iowa Geothermal Conference

IGSHPA Technical Director, Greg Kurtz gave folks at the Iowa Geothermal Conference the first look at two new training modules. The Installation Technician training is designed to provide HVAC contractor technicians with an understanding of the "inside portion" of the GSHP (geothermal) installation, while the new Basic Service Technician training covers the important aspects of servicing ground source heat pumps, as well as troubleshooting the ground heat exchanger, flushing/purging, and more. An advanced service technician training is in the works.
Thanks to the Iowa Geothermal Conference for working with IGSHPA to showcase these two new modules. These first modules are part of IGSHPA's program to "modularize" the Accredited Installer (AI) training into courses that are geared towards industry job descriptions, making the training more accessible, more affordable, and more relevant to the actual job description. More information on IGSHPA training, and other new modules will be announced as we have more details.
**Picture above and below:** Ryan Dougherty, President of GeoExchange, providing an update to GAOI (Geothermal Alliance of Illinois) members on the latest activities related to policy, advocacy, and the future of the IRA.

**First picture below:** Jeff Hammond, Executive Director, with Kortney Lull, IGSHPA board member and Vice President at Midwest Geothermal.

**Second picture below:** Jeff Hammond shaking hands with Bill Sprague of Area Mechanical and GAOI's board chair. This was during the announcement of the 2025 joint conference with IGSHPA and GAOI.
IGSHPA/GAOI Annual Conference 2025
Conference Hotel Room Block Soon!

Our 2025 Annual Conference will be held in Champaign, IL at the iHotel. We have reserved a block of 90 rooms with more blocks at nearby hotels coming soon.

IGSHPA Benefactor members will receive the login information on March 20. Check out the 2025 conference page on March 27 for access to all members.

Nearby airports to fly into: Champaign Willard Airport, Springfield Airport, Decatur Airport, Bloomington Central Illinois Regional Airport, Peoria International Airport, St. Louis Lambert International. Or, fly into one of the Chicago airports (O'Hare International, Midway) and take the "L" downtown to take an Amtrak train to Champaign.

Advertise in the July 2024 GeoOutlook Magazine!

Help keep GeoOutlook going and promote your brand at the same time! Did you know that IGSHPA has over 6,000 subscribers for GeoOutlook Magazine? And since we partner with BNP Media for the creation of the magazine, that means it’s also available to The HVACR News (31,000) and Engineered Systems (13,000) audiences, making our total subscribers about 50,000. Reader mix for GeoOutlook is as follows:

• HVAC contractors
• Architects/engineers/designers
• GHEX (Ground Heat Exchanger) Installers
• Utilities
• Manufacturers
• HVAC, plumbing, drilling supply, construction equipment distributors
• Government and regulatory
• Universities, trade schools, and community colleges
• Researchers
• Associations

Don't forget that IGSHPA members can take advantage of a special First Time Advertiser offer to advertise for a discounted price!

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**Deadline for ads is June 1, 2024**

**Publication is the end of the month for each issue.**
The IGSHPA Advocacy and Communications Task Force (ACT), formerly the Advocacy committee and Marketing committee, is now operating as one joint task force. ACT has declared April as National Geothermal Month, and we need your help promoting it! Throughout the month on our various social media platforms, we (IGSHPA, GeoExchange, all ACT members & their State/Provincial Associations) will be sharing projects from around the country, testimonials, facts & comparisons of GSHPs vs other technologies, and highlighting webinars to promote and celebrate how we can build a sustainable world with geothermal technology. When you see our posts be sure to LIKE, SHARE, & COMMENT. Tag your colleagues, other geo/HVAC businesses & professionals and help us get the word out about this incredible industry and technology while promoting National Geothermal Month!

Read more about National Geothermal Month in our press release here.

Did You Know??

- All of IGSHPA’s Town Halls & Dig Deeper Webinars are recorded and available to view on our YouTube Channel! Go here to check them out.
If you are an IGSHPA member, you have access to some great tools in our Member Portal! IGSHPA members can take advantage of several resources such as publications, calculators, impact studies and tech tip videos. Simply log into the Member Portal and go to Member Portal Resources.

New Member Benefit!

IGSHPA members in good standing now have access to social media marketing materials! IGSHPA has been working MediaMark Spotlight to create content for member marketing and outreach efforts. We provide links to social media posts, blogs, graphics, and other valuable marketing collateral to help promote geothermal systems and ground source heat pumps. As an active IGSHPA member, you can co-brand with IGSHPA and use this content on your social media platforms. Any changes must be approved in writing by IGSHPA’s Marketing Manager. Please request approval for changes to Sally Stephens at sally@igshpa.org.

As more content becomes available, it will be posted in the Member Portal Resources, typically at least monthly.

March Dig Deeper
Join us live on Teams March 22, 2024 at 10:30 am CT. We will be hearing from Bill Eggertson, President of NetZeroPLUS Canada. Bill will be speaking to us on the topic **How GSHPs can contribute more than wind and solar.**

There is growing awareness of the need to electrify energy end-uses as a key strategy in reducing carbon emissions, which implies a transition to wind, solar and other non-combustion generating technologies. This underscores two major shortcomings in the ground source heat pump industry. The GSHP industry continues to use arcane terminology such as ton of cooling and Btu, and it must express its capacity in kW and its output in kWh to underscore its compatibility with the future. Consumers will never understand any energy terminology, but they are more comfortable with common terms and this change would allow the industry to be compared with other options on an equal footing. The GSHP industry must also quantify its output as the production of dispatchable renewable energy from the ground. Promoting itself simply as energy efficient obscures its value in the wind-solar future and gives no credit to a major source of energy production. In Canada, 15 million households consume 400 billion kWh of energy, of which 325 billion kWh (82%) is for space heating, water heating & space cooling. GSHP would produce this quantity and consume 101 b-kWh of grid for performance energy (assuming absolute minimal efficiency of 3.2), meaning the residential sector would CONSUME 176 b-kWh (101+75) of commercial energy but PRODUCE 325 b-kWh … far surpassing ‘net zero’ and verifying its claims in the process. In the US, thermal production from GSHP in the residential sector
would be 2,000 billion kWh (6,628 trillion Btu). This webinar explains the benefits of implementing these two changes in the GSHP industry immediately, and discuss how they could be (must be) implemented.

Register for this Town Hall here.

April Town Hall

Be sure to join us for our monthly Town Hall on April 10 at 10:30 am CT. The IGSHPA Advocacy and Communications Task Force (ACT) will talk about their efforts in this newly formed task force, formerly the Advocacy committee and Marketing committee, now operating as one joint task force. ACT has declared April as National Geothermal Month, and they would like to discuss how we can raise awareness of the technology. Come listen and discuss with a panel of geothermal experts on where the industry has been, where we are and where we are going! Let's get excited about National Geothermal Month!

Go here to register.

Share your installation pictures with us!

This month's installation feature comes from NetZero. Installed by Anthony's Heating and Cooling, a father & son team, Bob & Roger, who have successfully transitioned their business from fossil fuel boiler systems to geothermal hydronic installations. Anthony's designed this job in Upstate New York with
engineering support from Jared Fortna at Phoenix Energy Supply. Manufactured by Ecoforest in Spain, the North American importer, GeoSmart, located in Ontario, Canada, provides incredible support, according to John Manning of Phoenix Energy Supply, a NetZero distributor. This level of commitment to Customer Satisfaction is what fuels the growth of the geothermal market.

"Having sold over a hundred NetZero's in Upstate New York, there is no doubt that this variable speed water-to-water heat pump with very sophisticated controls built in, can provide heating, cooling, domestic water heating, pool heating and can actually optimize a solar PV output with their built-in eManager controls," said John Manning. To learn more, visit https://www.phoenixenergysupply.com/netzero/

Do you have an installation you would like featured in an upcoming newsletter? Send us your pictures to sally@igshpa.org.
Conference: 7:30 am - 5:00 pm at Connexus Energy: 14601 Ramsey Blvd. NW Ramsey, MN. Go here for more info and to get registered.

April 2- June 4, 2024- 10 week Certified GeoExchange Designer Course- Online: Tuesdays at lunchtime for 10 weeks 12:00–1:30 pm EST

LIVE, ONLINE & INTERACTIVE:
Cost: USD $1,850 – click here to register. 10 live online presentations, PDFs of C-448 Standard and Design of Ground Source Heat Pump Systems and PDF of presentation slides.
Cost: USD $1,600 – click here to register. 10 live online presentations and PDF of presentation slides

Videos of each session are recorded and will be available to you on a Google Drive folder to view at your convenience. The instructor is available by phone, email of video call if you have questions or require any clarification for the duration of the course. You will also have access to the geothermal feasibility assessment tool (ProFease) at www.geofease.com for the duration of the course.

April 8 - 9, 2024- Albany NY-GEO: Hosted at the Albany Marriott, the event will open with an exhibitor mixer on April 8 and a full day of programming on the 9th with focused attention on Upstate. Get more info & register here.

Our mailing address is:
International Ground Source Heat Pump Association
312 S 4th St Ste 100
Springfield, IL 62701-1469