



# **IGSHPA News**

*Keeping you in the Loop*

## **Events**

**June 6-8, 2023: In-Person Accredited Installer Training with WaterFurnace- Fort Wayne, In.**

**June 8, 2023: Michigan Geothermal Association Annual Conference- Lansing, MI**

**June 14, 2023 10:30 am CT: IGSHPA Town Hall**

**June 23, 2023 10:30 am CT: IGSHPA Dig Deeper Webinar**

**June 24-28, 2023: ASHRAE Annual Conference- Tampa, FL**

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

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## **Message from the Executive Director**

As we move from Spring to Summer (at least in the Northern Hemisphere), the weather is heating up right along with the geothermal heat pump industry! If your business is not an IGSHPA member, you may be missing out on opportunities to connect with potential customers. IGSHPA is getting daily requests for HVAC contractors, GHEX installers, engineers/architects, and

other services. Our [new directory](#), which includes searches by state or province via the map (searches by listing outside of Canada/U.S.) or searches by services, products, company name, etc. in the main search, is very helpful in finding IGSHPA member businesses. However, there are large geographical areas without coverage. So, now is the time to add your company to the directory. Check out the article below on IGSHPA business and corporate memberships. It will be the best marketing dollars you've spent this year!

In other IGSHPA news, we are getting excited about the buzz surrounding this year's annual conference in December. It's only May, but there is already a lot of activity. **The deadline for submissions of presenter abstracts is May 31.** We welcome all presentations related to the GSHP industry. It's not only an opportunity for you to share your knowledge with members, but whenever I present, I always learn from the audience! If you can't make the deadline, please send a quick note to [info@igshpa.org](mailto:info@igshpa.org) so that we can put a "placeholder" for you on the speaker list.

IGSHPA continues to make progress on updating training programs. The subcommittees have been busy over the past year, working with members on moving to a more modular approach. We expect to have more announcements later in the year. Thanks to Sean Hogan, training committee chair, Sheri Rice, subcommittee chair for the "outside loop", Mike Hammond, subcommittee chair for service technician and install technician modules, and Roshan Revankar, subcommittee chair for the residential design module.

Have a wonderful summer!

Jeff Hammond  
Executive Director  
International Ground Source Heat Pump Association  
[jeff@igshpa.org](mailto:jeff@igshpa.org)

## Update From GeoExchange

Despite action by House Republicans to undo the Inflation Reduction Act, the law continues to roll out with the IRS issuing a number of guidance memos in recent weeks. Relevant to those of us in the geothermal heat pump industry

are two sets of guidance on energy communities and domestic content bonus credits.

The first, energy communities, is fairly straightforward. If a commercial geo project is located in an energy community, the project is eligible for a 10% bonus credit (provided it meets prevailing wage and apprentice requirements). What is an energy community? There are a number of criteria spelled out in the IRA that designate energy communities, such as high unemployment or the site of a former coal mine. There's a handy website and tool to help determine if the project is in an energy community:

<https://energycommunities.gov/energy-community-tax-credit-bonus/>

The [second set of guidance](#) issued on May 12 relates to the domestic content bonus credit. There was a widespread assumption that this would be an easy credit for geothermal projects to access. GHPs are made in the U.S. from a majority of U.S. manufactured components. However, based on the guidance as written, it does not appear that any commercial projects could easily claim the credit. In order to claim, a taxpayer/system owner would have to prove not only the source of each component but its cost. This flies in the face of competition. No manufacturer is going to voluntarily reveal all of its input costs down to the last screw. Norton Rose Fulbright has a good explainer on the guidance: <https://www.projectfinance.law/tax-equity-news/domestic-content-bonus-credit>

The final word hasn't been written on this issue. There has been widespread anger over the domestic content guidance including from members of Congress. IRS is expected to issue additional clarifying guidance later this year or early next. And GeoExchange intends to weigh in with Treasury to explain our position and ask that changes be made to accommodate the industry. The bonus credit is just that, a bonus, and it isn't supposed to be easy to capture. But the way it has been structured makes it impossible for us and many other industries to take advantage of.

Finally, we soon expect the guidance everyone has been most anxiously awaiting: the direct pay and transferability rules. In the next few weeks we should know exactly how nonprofits and units of government can claim the ITC. Stay tuned! And in the meantime, don't hesitate to reach out with questions and concerns. The GeoExchange Team is at your service.

# Join Us at the Michigan Geothermal Energy Association Annual Conference!

Thursday, June 8 the Michigan Geothermal Energy Association will be holding their Annual Conference in Lansing, Michigan. The Conference will be at **Lansing Community College, West Campus 5708 Cornerstone Drive Lansing, MI 48917**. This Annual conference will feature speakers from across the industry, on both residential and commercial topics.

Go here to register: <https://www.eventbrite.com/e/mgea-conference-tickets-621771644727>



The graphic features the MGEA logo on the left, which includes a green outline of Michigan and the letters 'MGEA' in green and blue. To the right of the logo is the text 'CONFERENCE AGENDA' in bold black letters. Below the logo is the text 'MICHIGAN GEOTHERMAL ENERGY ASSOCIATION'. The agenda items are listed in a light blue background with dark blue rounded rectangular boxes for the commercial and residential tracks.

**MGEA CONFERENCE AGENDA**  
MICHIGAN GEOTHERMAL ENERGY ASSOCIATION

8:00am Registration opens; continental breakfast provided  
9:00am Welcome address from President Brandon Mahoney  
9:15am MGEA General Meeting  
9:45am Keynote Address from Loch McCabe, Shephard Advisors  
10:20am BREAK

**COMMERCIAL**

10:30am Monroe County Community College  
Geothermal Installation  
(Jack Burns, Monroe County CC)  
11:20 BREAK  
11:30am Importance of System Design  
(Jeff Hammond, IGSHPA)  
12:30pm LUNCH  
1:00pm Why Geothermal is a Win-Win for School  
Budgets and Environments  
(Steven Gunther, Strategic Energy Solutions)  
1:50pm Break  
2:00PM Flushing, Purging and Long Term  
Considerations  
(Kortney Lull, Midwest Geothermal)

**RESIDENTIAL**

10:30am Air Source Heat Pumps -  
Truth in Messaging  
(Rob Derksen, Enertech Global)  
11:20 BREAK  
11:30am Service of the refrigeration side of the  
geosystem  
(Jay Hammond, Waterfurnace)  
12:30pm LUNCH  
1:00pm Importance of System Design  
(Jeff Hammond, IGSHPA)  
1:50pm Break  
2:00PM Troubleshooting a Geothermal System  
(Jim Cusack, Enertech Global)

2:50pm BREAK  
3:00pm Closing Remarks from Ryan Dougherty, GEO Exchange  
3:30pm IGSHPA/GEO/MGEA Roundtable Discussions  
(moderated by Jeff Hammond, IGSHPA)

## SCHEDULE OF EVENTS:

REGISTRATION OPENS 8:30AM  
9:00AM WELCOME FROM OUR PRESIDENT  
9:15AM MGEA ANNUAL MEETING  
9:45AM KEYNOTE ADDRESS  
10:30AM BREAKOUT SESSIONS BEGIN  
3:00PM CLOSING REMARKS  
3:30PM ROUND TABLE DISCUSSION WITH INDUSTRY LEADERS

## Why Should My Company Join as an IGSHPA Business Member?

On the IGSHPA website, there is a list of benefits for business and corporate memberships, including a listing in the directory, voting rights for board elections and changes to the organization's structure, discounts on conferences and publications, access to the member-only website, and more. However, IGSHPA membership for your organization is much more than the listed benefits. As our industry grows (and it appears to be on a strong trajectory!), consistency of message, quality design and installation, and unity as an industry is more important than ever. IGSHPA has made good progress in the past 2-1/2 years in its transition to an independent non-profit, but membership funding is a large portion of IGSHPA's revenue. As membership expands, IGSHPA's ability to add membership benefits via additional programs, hiring of staff, and participating in more industry events grows exponentially.

IGSHPA's mailing list includes over 6000 e-mail addresses. We have 124 business and corporate members, and we are very thankful for the support! Imagine what we could do with 1000 members! Plus, imagine how many additional hits/leads your companies would receive from being part of a much bigger directory. Keep in mind that HVAC contractors and distributors may have funding available from heat pump manufacturers. We are aware of advertising cooperative funds available to offset IGSHPA membership from ClimateMaster and Enertech; other manufacturers may offer similar incentives, as well.

For more information, check out our [online business/corporate member](#)

application form or contact us at [info@igshpa.org](mailto:info@igshpa.org).

## Speaker, Exhibitor, Sponsorship, and Advertisement Opportunities are

**ALL AVAILABLE NOW!**



The banner features a stylized illustration on the left where a tree's canopy is a house with the IGSHPA logo, and its roots form a lightbulb with a recycling symbol. The background is split into yellow and dark green. On the right, white text on a dark green background reads: 'Geothermal: The Genius Renewable', 'Live at Groundwater Week in partnership with NGWA', 'Las Vegas, NV', and 'December 5-7, 2023'. A circular logo for NGWA's 75th anniversary (1948-2023) is also present.

Get your brand out in front of thousands by exhibiting in the **Geothermal Pavilion**, advertising in the **Program Guide** or becoming a **sponsor!** Go to <https://igshpa.org/igshpa-annual-conference-2023/> for all things Conference related!

### **CALL FOR SPEAKERS!**

**Come share your genius with us by presenting at our Annual Conference in Las Vegas!** [Go here](#) to submit your workshop proposal by May 30.

**Submissions should address one of the following tracks:**

- Residential Geothermal Applications / Design / Service / Innovations
- Commercial Geothermal Applications / Design / Service / Innovations
- Drilling and Ground Loop Installation / Design / Service / Innovations
- Industry miscellaneous suggested topics

## Award Nominations

# Nominate Outstanding Members for 2023 Awards

**Be Sure to Get Your IGSHPA Member Nominations in by  
July 31, 2023**

Nominate an IGSHPA Member that you think deserves to be recognized for their contributions and outstanding work in the geothermal industry. Voting will be held in mid-August, [use this form to submit your nomination](#).

Choose from the following categories:

### **Residential Innovation:**

Work that advances the industry through imagination, creativity, innovation, and excellence. Nominated projects should demonstrate:

- Originality or uniqueness on providing new insights into residential geothermal design and installation
- Individual or business membership required
- Nominations must be received by IGSHPA by July 31 for consideration
- Projects must be completed and fully operational

### **Commercial Innovation:**

Work that advances the industry through imagination, creativity, innovation, and excellence. Nominated projects should demonstrate:

- Originality or uniqueness on providing new insights into commercial geothermal design and installation
- Creativity and imagination in engineered solutions
- Individual or business membership required

- Nominations must be received by IGSHPA by July 31 for consideration
- Projects must be completed and fully operational

## Award of Excellence:

### (3 for 2023)

Recognizes an IGSHPA member's outstanding contributions to the industry or the IGSHPA organization, including committee work, new product innovations, new techniques, education excellence, and other contributions that help further the adoption of ground source heat pump technology.

- Nominations must be received by IGSHPA on or before July 31 for consideration
- Multiple award nominations for any one person are limited to a maximum of two categories per awards cycle
- IGSHPA membership is required to receive the award

## Thank You Conference Sponsors!

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|---|--|---|
| <p><b>Diamond Sponsor</b></p> <p><i>Diamond Sponsor still available!</i></p>  | <p><b>Platinum Sponsor</b></p>  <p><b>CLIMATE CONTROL GROUP</b><br/>A NIBE GROUP MEMBER</p>   | <p><b>Gold Sponsors</b> (1 still available)</p>    |
|    |  |   |
| <p><b>Silver Sponsors</b> (2 still available)</p>                                     | <p><b>Bronze Sponsors</b> (3 still available)</p>   |   |

To find out more about 2023 Conference Sponsorship Opportunities [go here](#).



## New Industry Sectors Announced!

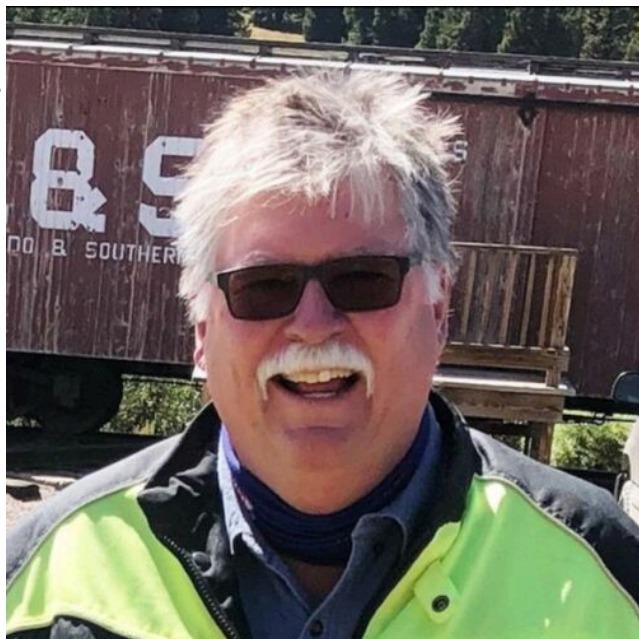
Earlier this year the IGSHPA Board of Directors voted to include two new sectors to add to our board. The two new sectors added will be Manufacturer and Utility. The two new members will be voted upon by membership this year when the last two appointed board members (sectors: loop installer/driller and architect/engineer) are up for election. There will be four board member seats up for election this Fall. Keep an eye out for a Call for Nominations email later this summer.

## June Town Hall

Be sure to join us on June 14 at 10:30 CT for our June Town Hall. We will be hearing from Terry Proffer from Major Geothermal who will be speaking to us about the ***Pueblo Health Clinic in Pueblo, CO***. A unique project with some simple but solid design strategies that have proven to lower operating costs relative to other health clinics, even though this project is larger in conditioned space than other clinic applications.

Get registered [here](#).

Terry Proffer has been involved in the GSHP industry since 1992, after a career as a petroleum geologist starting in 1979 after graduating with a geology degree in 1978 from Sul Ross State University, Alpine, Texas. He has designed closed loop ground heat exchangers for small residential applications to facilities exceeding 350,000 ft<sup>2</sup> of conditioned space, including various commercial, institutional and military projects. Terry is the manager for Major Geothermal of Wheat Ridge, Colorado, a firm specializing



in the design of closed loop ground heat exchangers, thermal conductivity testing, installation quality assurance, functional testing, and GSHP system forensics.

## Town Hall and Dig Deeper Sponsorship Opportunities

We start off 2023 with a new opportunity for members to get the word out about their products and services. IGSHPA Town Hall and Dig Deeper webinars may now be sponsored. Your logo will be prominently displayed on the opening slides and your company will be recognized by the moderator. Since webinars are recorded, anyone who views the webinar later on will see your logo, creating an advertising opportunity with longevity. [Check out the advertising flyer here](#). Hurry! Sponsorships are going fast! Thank you to our sponsors so far, U.S. Department of Energy's Geothermal Technology Office (GTO), ClimateMaster, and GeoExchange!

## FAA selects innovative design for greener airport control towers across U.S. (with geothermal)

[https://www.constructionspecifier.com/faa-selects-innovative-design-for-greener-airport-control-towers-across-u-s/?qnewsletter=20230523&en\\_click=1&utm\\_campaign=2023-05-23&utm\\_medium=email&utm\\_source=newsletter&utm\\_content=news](https://www.constructionspecifier.com/faa-selects-innovative-design-for-greener-airport-control-towers-across-u-s/?qnewsletter=20230523&en_click=1&utm_campaign=2023-05-23&utm_medium=email&utm_source=newsletter&utm_content=news)

## COMING SOON!! Geo Outlook Insights

Do you have an industry related article that you wrote and would like to share? In an effort to revive Geo Outlook, IGSHPA's quarterly magazine, we will be taking submissions for articles that cover any and all aspects of the geothermal industry. These articles will be highlighted in our monthly

newsletter, and then bi-annually we will compile all of the articles that we have featured into one publication available to view on our website. Use [this form](#) to submit your article or email [info@igshpa.org](mailto:info@igshpa.org) with any questions you may have.

## Upcoming Events

**June 6-8, 2023: In-person Accredited Installer Training with WaterFurnace-** Get your Accredited Installer certification with one of WaterFurnace's Certified IGSHPA Trainers! This in person AI course will be held at WaterFurnace International Training Classroom: 9000 Conservation Way, Fort Wayne, IN 46809 Go [here](#) to register.

**June 8, 2023: Michigan Geothermal Energy Association Annual Conference-** Join the Michigan Geothermal Energy Association for our annual conference. Our annual conference will feature speakers from across the industry, on both residential and commercial topics. Go [here](#) to register.

**June 14, 2023: IGSHPA Town Hall-** Terry Proffer speaks on Pueblo Health Clinic, Pueblo, CO. Go [here](#) to register.

**June 23, 2023: IGSHPA Dig Deeper Webinar-** Kevin Austin of WaterFurnace speaks on Loop Installations – Before, During & After. Go [here](#) to register.

**June 24-28, 2023: ASHRAE Annual Conference-** ASHRAE is looking forward to convening in Tampa at the JW Marriott Tampa Water Street and the Marriott Tampa Water Street. Go [here](#) for more info and to register.

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**Virtual Town Halls - Submit Your Abstract for 2023!**



IGSHPA Town Halls and Dig Deeper webinars have been a wealth of information in 2022. **We are now accepting abstracts for 2023 webinars.** Submit your abstract soon, as spaces fill up quickly. [Click here](#) for the abstract form. Town Halls are more of a general overview and update for members on the latest information, technology, and industry news; Dig Deeper webinars are a deeper dive into technical topics. Our goal is for one Town Hall and Dig Deeper per month. Town Halls are on the second Wednesday of every month at 10:30am Central Time (U.S./Canada); Dig Deeper webinars are on the fourth Friday of every month 10:30am Central Time (U.S./Canada).

**Please submit recommendations for topics that you would like to learn more about or [an abstract](#) for a topic that you would like to present. For questions, contact [info@igspha.org](mailto:info@igspha.org).**



# IGSHPA MEMBERSHIP ANNOUNCEMENT!

**Effective January 1, 2023, only IGSHPA members will be listed in the IGSHPA directory. Certified individuals will only be displayed if they are an IGSHPA individual member or if their company is a business or corporate member.**

In the past year, as IGSHPA has been implementing its new member CRM (Customer Relations Management) software, which has significantly better methods of managing member data and IGSHPA certifications. In the process, it was necessary to display all members and certified individuals (even certified individuals without an IGSHPA membership) in order to transition to the new directory. Now that the data has been “cleaned up” (i.e., we are able to associate business/corporate/individual memberships with certified individuals), we are moving back to the policy that has been in place over the years, where only IGSHPA members will show up in the directory. This will not affect individual memberships or business/corporate members, as they will continue to be displayed as long as their membership is current.

What does this mean for certified individuals? If you have an Accredited Installer (AI), Certified GeoExchange Designer (CGD), Certified Residential Designer (CRD), or Certified Geothermal Inspector (CGI) certification and have an individual membership or your company has a business/corporate membership, nothing will change. You will continue to be displayed in the [Certified Individual Directory](#). The only caveat is that we may not know that you work for a company that is an IGSHPA member if your information has not been updated in the IGSHPA database. If you don't show up in the directory after January 1 and you work for a company that is an IGSHPA member, please contact us at [info@igshpa.org](mailto:info@igshpa.org) to have your information

updated.

Sometimes certification and membership can be confusing. Renewing your certification does not include an IGSHPA membership; it only maintains your certification. Individuals can be certified; individuals can be an IGSHPA member; or individuals can be certified and a member. IGSHPA has special pricing of \$50 per year for certified individuals to purchase an individual membership. Being an IGSHPA member provides many benefits, including being listed in the directory and being able to vote in board member elections. For more clarification, IGSHPA has created a document that explains the difference between certification and membership. Click [here](#) for more details.

**Our mailing address is:**

International Ground Source Heat Pump Association  
312 S 4th St Ste 100  
Springfield, IL 62701-1469

