This holiday season, IGSHPA offices will be closed Friday, December 23 - Monday, December 26, & Monday, January 2.

Events

Jan. 11, 2023: IGSHPA Virtual Town Hall
Jan. 17- March 21, 2023: Online CGD Training
Jan. 23-26, 2023: In-Person Accredited Installer Training- Missoula, MT
Feb. 6, 2023: AHR Expo- Atlanta GA
March 14-16, 2023: 2023 Illinois Geothermal Conference- East Peoria, IL

STAY UP TO DATE ON OUR UPCOMING EVENTS WITH OUR EVENTS PAGE ON OUR WEBSITE: https://igshpa.org/calendar/
Message from the Executive Director

It’s hard to know where to start when describing IGSHPA’s December activities. The annual conference was so packed full of activities that we had some requests for more time next year! The best justice I can do to recap IGSHPA’s December activities, in particular the conference, is to provide some pictures with captions (see below). I sincerely appreciate the opportunity to serve as executive director for this great organization. I couldn’t do it without the support of IGSHPA members; our engaged and dedicated board of directors; our very talented member services coordinator, Sally Stephens; volunteers; industry partners; exhibitors; sponsors; advertisers; and too many more to list.

Thank you for an incredible 2022. I look forward to an exciting 2023 for the ground-source/geothermal heat pump industry. Happy New Year to you and your families!

Sincerely,
Jeff Hammond
Executive Director
jeff@igshpa.org
IGSHPA's Annual General Meeting of Members: The current IGSHPA board of directors and the two new directors (elected by members) discussed current topics. From left to right: Jeff Hammond, Executive Director; Kortney Lull, IGSHPA Chair, 2023; Brian Urlaub, Vice-Chair, 2023; Tyler Harbeck, Treasurer, 2023; Ryan Carda, Director; Tim Wright, outgoing Vice-Chair, 2022; Jason Cullum, outgoing Treasurer, 2022; Jack DiEnna, Secretary, 2023. Thank you to IGSHPA Board of Directors, the most dedicated volunteers in the industry!
Alexis McKittrick, Ph.D., of the U.S. Department of Energy's (DOE) Geothermal Technologies Office (GTO) opens the conference with remarks about GTO's commitment to the industry. GTO was a Diamond Sponsor of the 2022 Annual Conference. Thank you!
Doug Dougherty (center) was presented with a special industry recognition award for his retirement from GEOEXCHANGE and all the work that he has done over the years, helping to secure long term stability of U.S. legislation for the industry. Dan Ellis (left) and Steve Smith (right) presented the award to Doug at IGSHPA's leadership address. Not shown (behind Doug), is Ryan Dougherty, GEOEXCHANGE president.
Dano Weisbord, IGSHPA's keynote speaker, made a compelling case for geothermal for colleges.
A view of the IGSHPA Pavilion before the exhibit hall opened on Wednesday. The IGSHPA booth was at the front of the Pavilion with 19 other booths this year. Exhibitors reported a lot of traffic and interest.
Grundfos sponsored lunch for members on Wednesday and created a forum for information exchange with members on new technology. Starting at the screen, from left to right is Bruce Smith of Grundfos, Brent Cunningham of Grundfos, Barry Nauss of Grundfos, and Jeff Hammond of IGSHPA.
The heat pump manufacturers participated in an OEM panel to discuss industry growth. From left to right is Jeff Hammond, IGSHPA; Ian Goicochea, ClimateMaster (standing); John Thomas, WaterFurnace (seated); Titian Burris, ClimateMaster (seated). Other participants, outside of the frame of this picture, to the right, were Tim Wright, Enertech; Mike Stevens, Bosch; and Bill Buschur, Total Green Manufacturing.
The IGSHPA conference included an exciting research track this year. Pictured are the research track presenters, led by Dr. Xiaobing Lui of Oak Ridge National Laboratories (3rd from left, front row) and Dr. Jeff Spitler of Oklahoma State University (fourth from left, front row). Attendees from all over the world presented on new technologies and research.

Thank You Conference Sponsors!

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Stay tuned for details on our 2023 conference!
Update from GeoExchange

Wow!

There’s so many positive words that might be used to describe IGSHPA’s annual conference this year, but WOW kind of sums it up. The sense of excitement was palpable and it was great to see old friends and make new ones. The sessions were wide-ranging and informative and it is clear that geothermal heat pump technology is poised for a breakout year in 2023. Three cheers for all of the folks who helped make the event come together: the sponsors, exhibitors, attendees, IGSHPA Board, and especially Jeff and Sally, without whom none of the magic would have happened. We can’t wait for next year!

And what a year 2022 has been. The enactment of the Inflation Reduction Act, the accelerating building decarb movement, rising fossil fuel prices, growing awareness and support for GHPs, all adding up to a historic time for our industry. GeoExchange has much work to do in the coming months. IRA implementation continues to be a focus for us and we’re taking meetings with key stakeholders at the federal level to ensure our industry gets the treatment it deserves. We’re focusing more on federal agency engagement and this is already starting to pay off with increased understanding and support. And with the IRA a done deal, many new opportunities (and challenges) will be coming at the state level.

Please don’t hesitate to reach out if you have questions about these topics or any others. We are looking forward to continuing our work on behalf of the geo industry in 2023. Happy holidays and Happy New Year!!

New IGSHPA Calculator for Deep Boreholes

A new calculator has just been added to the member portal, the Hydrostatic
Buckling / Pipe Collapse Calculator. The new calculator provides the maximum allowable bore depth based upon the pipe dimensional ratio, ovality, temperature, grout density and other factors that impact the potential for the pipe wall to collapse in deep boreholes. Thanks to PPI (Plastics Pipe Institute) for providing the calculations and guidance for developing this calculator.

To access the new calculator, log into your IGSHPA member account at the Member Portal and select "Member Portal Resources" from the menu on the left. The link to IGSHPA Calculators is on this page.

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 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.
Virtual Town Halls - Submit Your Abstract for 2023!

January Town Hall & Dig Deeper Presenters To Be Announced.

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.

More News and Events

**January 17-March 21, 2023: Online Certified GeoExchange Designer Course:** Tuesday lunchtime for 10 weeks - 12:00 - 1:30pm EST  For more info & to register go here.

**January 23-26, 2023: In-person Accredited Installer**
Training with WaterFurnace: This in-person AI course will be held at Missoula Electric Cooperative, Inc.: 1700 W Broadway St Missoula, MT 59808 To register go here.

February 6-8, 2023: AHR Expo at Georgia World Congress Center- Atlanta, GA: The AHR Expo provides a unique forum where manufacturers of all sizes and specialties come together to share ideas and showcase the future of HVACR technology. The event is co-sponsored by ASHRAE and AHRI, endorsed by many industry leading organizations, and is held concurrently with ASHRAE’s Winter Conference. To register go here.

Do you have an industry event that we should know about? Submit your event to info@igshpa.org and we will add it to the Events Page on our website and highlight it in our next Monthly Newsletter.

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