Events

IGSHPA Annual Conference, Las Vegas, Nevada, December 6-8 – It's not too late to register!

December 2, 3 & 8: Certified Geothermal Inspector Hybrid Class with Option to Complete In-Person at Conference

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

Message from the Executive Director

November has been a busy month, preparing for the annual conference in Las Vegas, December 6-8. Registrations for the conference are already 50% over last year with a significant international presence from 10 countries. I hope you will be able to join us. It's not too late to register at https://igshpa.org/conference2022/.

We will be announcing a new business directory at the conference with an interactive map of the U.S. and Canada. We have made a lot of progress this year with IGSHPA's CRM (Customer Relations Management) software, allowing a temporary directory to be introduced earlier in the year once we had cleaned up so much of our membership data. Now, with the cleaner data,
we are ready to upgrade the directory to the next level. The link will still be at the top of the page at igshpa.org, but the next time you click on the link, it may go to a map (check back often!). You will notice that there's a lot more information on business and corporate members, such as services/products offered and geographic areas served -- just one more reason to be a member!

Have a great rest of the year and thanks for your support of IGSHPA!

Sincerely,
Jeff Hammond
Executive Director
jeff@igshpa.org

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 (Plastic 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.

Update from GeoExchange

Following the enactment of the Inflation Reduction Act, support for geothermal heat pumps is growing rapidly. We’re witnessing an explosion of new interest in the technology and GeoExchange has been inundated with inquiries from diverse stakeholders asking to be educated. One organization that has shown recent attention to geothermal is the Western Governors’ Association. This group, which represents all states west of the Mississippi River, is currently led by Colorado Governor Jared Polis and has recently kicked off their Heat Beneath Our Feet campaign.
The campaign is focused on harnessing the potential of both high-temperature geothermal energy production and geothermal heating and cooling systems. GeoExchange wants the geothermal heat pump industry’s voices heard and our benefits clearly understood by Governor Polis and other leaders in this initiative. WGA has a survey online to take feedback and we urge you to complete it. You can access the survey at this link: https://westgov.org/news/article/the-heat-beneath-our-feet-initiative-survey

To learn more about the initiative click here. Please step up and make sure we have a seat at the table and a voice in the conversation. And reach out with any questions on this topic, thanks!

Industry News

Geo-Flo Acquires Viega GeoFusion® Tooling

Bedford, Indiana, USA, November 21, 2022 – Geo-Flo Corporation announced today that it has purchased the injection mold tooling from Viega, LLC used to manufacture the Viega ProGeo GeoFusion® line of geothermal socket fusion fittings and brass-to-PE adapters. Viega’s innovative products have been a foundation of the geothermal heating and cooling industry for many years. They had produced the GeoFusion® line, which consists of nearly 100 different finished parts, for over three decades and ceased production in 2021 to focus on their other core products and business. Viega’s exit from the geothermal fittings market last year created a void that Geo-Flo attempted to fill with other manufacturer’s standard fittings along with Geo-Flo’s CNC machining capabilities, hydraulic crimping equipment, and engineering expertise. However, many of the fittings Viega developed were unique and require injection mold tooling to produce. Geo-Flo has a long history with plastics as they owned more than a dozen injection mold tools prior to the Viega purchase and have been producing injection molded products and fitting sets for over 20 years. Before tool shipping, Viega removed their logo from the tooling allowing Geo-Flo to re-brand the fittings under their own name. Geo-Flo President, Tom Wyer, said “With this acquisition and the CB Supplies fusion tools acquisition announced in October, Geo-Flo has become a complete geothermal fittings and accessories business, manufacturing and supplying everything between the heat pump and the ground loop and the
tools to install and service them. We make everything except loop pipe and heat pumps”. The tooling has been delivered and Geo-Flo will immediately begin production ramping up inventory levels over the next 3-6 months. A complete list of socket fusion fittings and adapters with a cross reference to Viega’s part numbers is available on Geo-Flo’s website https://www.geo-flo.com/fittings/pe-fittings-and-adapters/

GeoFlo® is a registered trademark of Viega, LLC. Viega USA has locations in McPherson, KS and Broomfield, CO.

Geo-Flo Corporation is the industry-leading manufacturer of flow centers, pump systems, specialty fittings, hose kits, installation tools, fusion tools, and HPDE fittings for residential and commercial geothermal and water-source heat pumps systems. Our unique combination of application knowledge, modern design and manufacturing equipment, dedication to industry growth, and superior customer service set us apart from the competition. Our products are designed, machined, and assembled in our 50,000 square foot facility in Bedford, Indiana which is completely heated and cooled with clean, renewable geothermal energy. For more information, contact Judy Moan at jmoan@geo-flo.com.

See you in Las Vegas in December!

ASHRAE's Kirk T. Mescher Award
Many of you worked with Kirk Mescher over the years. He developed the one pipe distribution system for GSHP systems and extended its application from individual buildings to campus scale. His GSHP designs consistently achieved DOE scores in the 90’s percentile. Active in ASHRAE at all levels, he achieved Fellow status, Distinguished Service, Exceptional Service, served as chair of the Society Program Committee, Conferences Committee, TC 5.5 (Air-to-Air Heat Recovery), was a member of TC 6.8, and served as an ASHRAE Distinguished Lecturer. He was Vice Chair of the ANSI/CSA/IGSHPA C448-2016 Standard, *Design and installation of ground source heat pump systems for commercial and residential buildings.*

IGSHPA would like to recognize ASHRAE’s Kirk T. Mescher Award and provide information to members interested in applying. Applicants should have an idea in GSHP, HVAC, or energy efficiency that is simple and elegant, and should want to put that idea to the test. ASHRAE Members applications will be accepted until December 9, 2022. For the application and more information, go to: [https://tpc.ashrae.org/CustomPages?idx=17912dd3-591c-402d-af3a-1bba04205877](https://tpc.ashrae.org/CustomPages?idx=17912dd3-591c-402d-af3a-1bba04205877).

Virtual Town Halls

Last month we heard from Gaylord Olson & Yao Yu who spoke to us about *Low Cost Multi-Source Heat Pump System Design and Simulation- Using water source heat pumps with better heat exchange methods for the source*
water. If you missed this presentation, you can find it here on our YouTube page.

There is no Town Hall or Dig Deeper scheduled for December.

Please submit recommendations for topics that you would like to learn more about or an abstract of a topic that you would like to present to info@igshpa.org.

More News and Events

December 2, 3 & 8: Certified Geothermal Inspector Hybrid Training with Option to Complete In-Person at Conference - This course is offered as a hybrid solution – with the first two classes offered in an online learning environment and the last day in-person at the 2022 IGSHPA Conference in Las Vegas, NV.

Designed for the code enforcing inspectors of city and state governments, this course will teach you to inspect the ground source heat pump (GSHP) systems of both residential and commercial properties. Register here.

December 6-8, 2022: IGSHPA Annual Conference: Las Vegas Convention Center, 3150 Paradise Rd, Las Vegas, NV 89109 For more info & 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.

Our mailing address is: