



# IGSHPA News

*Keeping you in the Loop*

## Events

January 28, 2022: Dig Deep Webinar with Brock Tremble of SHARC Energy Systems

February 9, 2022: IGSHPA Town Hall

February 25, 2022: Dig Deeper Webinar with Lance MacNevin of PPI

March 9, 2022: IGSHPA Town Hall

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

## Message from the Executive Director

Happy New Year! January has already been an eventful month. If you missed Martin Luymes' presentation on the Dunsky Report, check out IGSHPA's YouTube channel at <https://www.youtube.com/user/igshpa>. You'll notice a new button at the top of the home page with a YouTube icon if you want to see any other videos or past Town Hall / Dig Deeper webinars. The Dunsky report highlights the unique advantages of geothermal technology to both building occupants and the electricity grid. We all realize the opportunity for operating cost savings with geothermal, but the advantages go beyond monthly costs when the technology has such an impact on peak demand and infrastructure.

You may have noticed at <https://igshpa.org> that we're already talking about the 2022 IGSHPA annual conference. We are partnering again with NGWA due to the success of our 2021 conference and comments from members about their support of this alliance. Please submit any ideas for topics that you would like to see addressed in the residential, commercial, and driller tracks to [info@igshpa.org](mailto:info@igshpa.org). We are already starting to work on the agenda. This year's agenda will include a research track, as well. The IGSHPA research committee will be announcing a call for papers soon. If you plan to exhibit at the conference, booth space is limited. Reserve your space today at <https://igshpa.org/conference2022/>. We would love to hear your feedback. We didn't have many surveys completed for the 2021 conference. There's still time for your feedback at <https://forms.gle/2mZHmF7fsyZ8fLt37>.

There are a lot of exciting projects on the list for 2022. Please keep your suggestions and feedback coming. We want to bring value to your IGSHPA membership. The board of directors has approved a training plan that we will be aggressively pursuing in 2022. Our advocacy, marketing, standards, and training committees will be busy as IGSHPA members help us grow the industry! Some of the major projects include a new member portal, a more comprehensive business directory, updates to training courses, and much more.

I look forward to working with you in 2022!

Sincerely,

Jeff Hammond

Executive Director

[jeff@igshpa.org](mailto:jeff@igshpa.org)

International Ground Source Heat Pump Association

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# IGSHPA MEMBERSHIP RENEWALS

Renewals are happening now! IGSHPA is no longer waving CEU's for certification renewals. Use our Square Site to submit your CEUs and get your membership & certifications renewed here: [igshpa.square.site](https://igshpa.square.site) Please contact us at [info@igshpa.org](mailto:info@igshpa.org) if you have any questions.

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# IGSHPA TRAINING EVENT

IGSHPA is excited to announce that the Train the Trainer course is resuming in 2022 for instructors who would like to teach the Accredited Installer (AI) course. Our first class will be in Fort Wayne, Indiana on February 15 to 17, 2022. Class size is limited to eight (8) candidates to ensure that there will be adequate time to prepare instructors to teach the material.

The new Train the Trainer (TTT) format allows the course to be taught at a regional location, which should be more convenient for trainers and companies who are interested in providing IGSHPA courses. This first TTT is specifically for the Accredited Installer (AI) course, but there will be future TTT classes as new training materials and courses are developed.

The TTT course is taught by two AI instructors and the IGSHPA Executive Director. The format of the TTT course is broken up into three sections. Section one will be an introduction to IGSHPA, policy/procedure, training agreements,

ethics, adult education principles, materials/course requirements. Section two will be a review of the presentation material with special attention to any topics that may need discussion based upon the instructors' history of teaching the course. Section three will focus on candidates' presentations with an evaluation by their peers. Final recognition of a candidate to become an instructor will involve an audit of their first class.

If you are interested in registering for the class, please send an e-mail to [info@igshpa.org](mailto:info@igshpa.org). You will receive a link to an application form. If the application is approved, you will be eligible to register for the course. Requirements for approval include experience, education, and IGSHPA membership. Candidates should have two to three years' experience teaching HVAC courses and two to three years' experience working in a technical field directly related to geothermal heat pumps (e.g., driller, contractor, distributor, manufacturer, engineering firm). To ensure familiarity with the material, Candidates must have completed an Accredited Installer (AI) course and passed the exam. Candidates must be an IGSHPA member (or their company must be a member) in good standing. After completion of the TTT course, one of the AI instructors or the Executive Director will audit the candidate's first course and write a report for review by the other instructor and the Executive Director as part of the approval process.

The Train the Trainer class for Accredited Installer Instructors is \$1,250 per person. A continental breakfast and lunch is included each day. Travel, lodging, and other meals are the responsibility of the attendee. For additional information or to register for the class, contact [info@igshpa.org](mailto:info@igshpa.org).

***Deadline for registration is Monday, February 7, 2022.***

## **Sponsorship:**

Thanks to WaterFurnace for sponsoring the classroom, meals, and facilities!



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## **UPDATE from GeoExchange**

If you have been following our updates for the last several months, you know how many twists and turns the Biden Administration's Build Back Better Act (BBB) has taken over the past year. We are not yet ready to call BBB dead, but its prospects for success have never been dimmer. BBB is the larger vehicle for long-term geothermal tax credits (along with many other clean energy provisions), and while the package itself is stalled-out in the Senate, the clean energy credits may be forging a course on their own.

On January 19<sup>th</sup>, President Biden held a wide-ranging press conference and commented directly on the clean energy credits. He said, "I've been talking to a number of my colleagues on the Hill. I think it's clear that we would be able to get support for the \$500 billion plus for energy and the environment."

There is growing hope that a smaller legislative package finds itself up for consideration within the next several months. The current federal budget expires on February 18<sup>th</sup> and Congress is going to have to allocate funds before that date or risk a government shutdown.

GeoExchange is in close contact with its Congressional allies and is pushing for a resolution. As part of a larger clean energy coalition on Capitol Hill, we are urging Congressional leadership to forge ahead with a plan that delivers certainty to our industry. A bill could materialize as soon as next month so stay

tuned and please reach out with any questions.

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## IGSHPA Virtual Town Halls

On January 12, 2022 we kicked off our monthly Virtual Town Halls with speaker Martin Luymes of HRAI (Heating, Refrigeration, and Air Conditioning Institute of Canada) who spoke to us about the Dunsky Report, a new study that highlights the unique advantages of geothermal technology to both building occupants and the electricity grid. If you missed this presentation, you can watch the recording of it [here on our YouTube channel](#).

February 9 2022, Mike Burton of Smith Seckman Reid, Inc. will be speaking to us about Olive Branch Hospital. Completed in 2013 and soon thereafter receiving the world's first LEED Gold for Healthcare certification, Methodist Olive Branch Hospital in Olive Branch, MS, was built ahead of schedule and under budget, using Integrated Project Delivery.

Mike earned a B.S. in Mechanical Engineering from Tennessee Technological University in 1986. He has 34 years of experience, 20 years with Smith Seckman Reid. As a Sr. Mechanical Engineer, expertise includes central energy plant and HVAC systems design for healthcare, institutional and commercial facilities. He has extensive experience in hospital



design and renovations, including two healthcare facilities with geothermal HVAC and multiple outpatient facilities. He is an active member of the Nashville TN ASHRAE chapter, member of ASHE (American Society of Health Care Engineers) and is a registered Professional Engineer in 16 states.

Go here to register for this FREE event; <https://us06web.zoom.us/meeting/register/tZwpcOqsrl0tHdPkG4-ig8fRWFpp6P8rYrvu>

**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@igspha.org](mailto:info@igspha.org).**

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## More News & Events

**January 28, 2022 @ 11:30 ET : Dig Deeper Webinar with Brock Tremble of Sharc Energy - Sewer Waste Heat Recovery Systems: How Do They Work with Geothermal Systems?** To register for this FREE webinar go [here](#).



**February 25, 2022 @ 11:30 ET : Dig Deeper Webinar with Lance MacNevin of PPI-** De-Mystifying North American Codes & Standards for Ground Source Heat Pump Systems. Register [here](#).

**March 9, 2022 @ 11:30 ET : IGSHPA Virtual Town Hall** (Tax Incentives: What do they mean and how do they work?) Register [here](#).

**March 23 & 24, 2022- AEE East Conference:** AEE East brings together energy professionals from commercial, industrial, institutional, and governmental sectors to learn about the latest energy-saving strategies, products, services, and technologies. Go [here](#) to register.

**March 23 & 24, 2022- NY GEO Annual Conference:** All paid registrations from the 2020/2021 conference will carry forward to NY-GEO 2022. Go [here](#) for more info or email [nygeoinfo@gmail.com](mailto:nygeoinfo@gmail.com) with any questions.

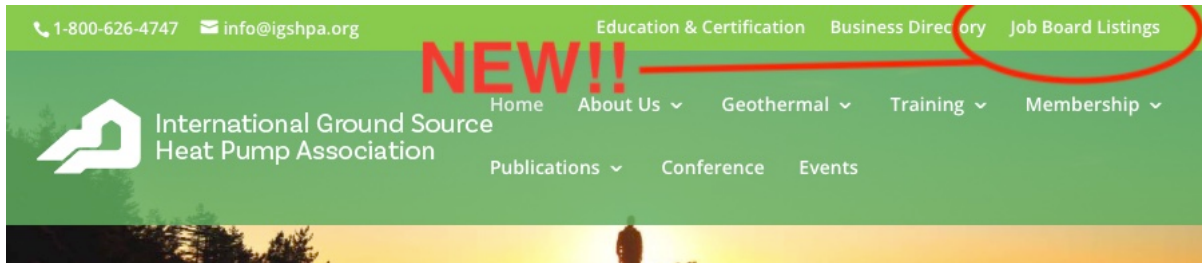
**April 13, 2022 @ 11:30 ET : IGSHPA Virtual Town Hall** (ASHRAE Building Technology Report) Register [here](#).

**May 11, 2022 @ 11:30 ET : IGSHPA Virtual Town Hall** (Session 1 of Two-Part Series- Residential Geothermal Application: How does it compare to Conventional? Tech Portion) Register [here](#).

**June 8, 2022 @ 11:30 ET : IGSHPA Virtual Town Hall** (Session 2 of Two-Part Series- Residential Geothermal Application: How does it compare to Conventional? Sales/Pricing portion) Register [here](#).

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## New Benefit for Corporate Members

A new link was added to the top of the IGSHPA website (<https://igshpa.org>), “Job Board Listings”. As an added benefit to corporate members, job postings may be submitted to the Job Board for viewing on the IGSHPA website. Anyone may access the job board, but only corporate members may post. In this difficult time of finding good employees, we hope that this new benefit will help bring quality candidates to members’ organizations. Please let us know how this new service is working and provide any feedback to make it better.

## Current Job Postings

### Engineer

<https://bostongovernmentservices.applytojob.com/apply/F1NsZyMHZP/Geothermal-Low-Temp-Project-MonitorEngineer?referrer=20220124183615BY16LPZ27P3QG0ZW>

**Job Posting Ends 03/31/2021**

This position is located in either Golden, CO or Washington, DC

The Geothermal Low Temp Project Monitor/Engineer will support the Department of Energy (DOE) office of Energy Efficiency and Renewable Energy (EERE).

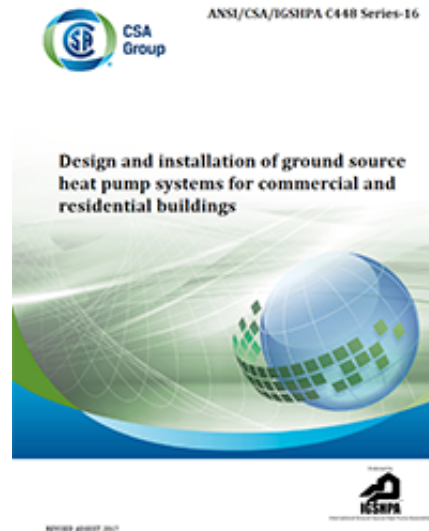
This position will directly support projects in the Geothermal Technologies Office (GTO) in scientific, engineering, and technical analyses. The position will primarily support GTO's Low Temperature and Coproduced Resources portfolio.

### Job Location(s):

Colorado

**Contact:** Gary Worrell, [gworrell@bgs-llc.com](mailto:gworrell@bgs-llc.com), 15093922665, <https://www.bgs-llc.com/>

**Boston Government Services:** 105 Mitchel Rd., , Oak Ridge, TN, 37830,  
United States

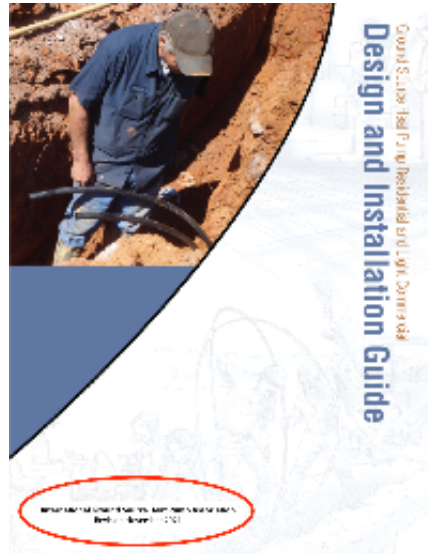


## ANSI/CSA/IGSHPA C448 Standard Now Available for Free View Access

The ANSI/CSA/IGSHPA C448 *Standard for the Design and Installation of Ground Source Heat Pump Systems for Commercial and Residential Buildings* is now available for free viewing access

at <https://community.csagroup.org/docs/DOC-146037>. Simply create a free account on CSA Communities to view the latest standard. It may still be downloaded as PDF on the IGSHPA website at <https://igshpa.org/standards/> for \$100 (IGSHPA member cost) or the hard copy may be purchased at the [CSA website](#) for \$155 if desired.

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## Updates to the Residential/Light Commercial Design and Installation Manual

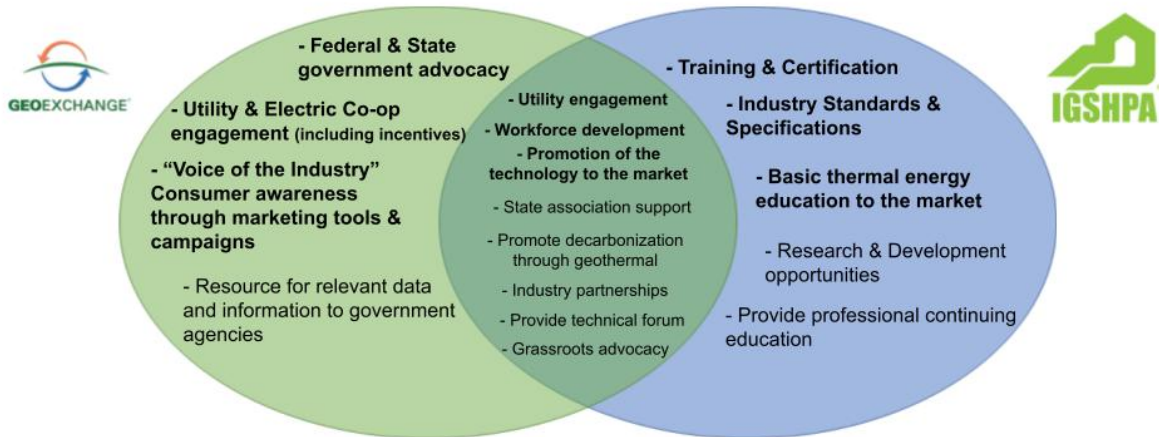
A number of updates have been made to the IGSHPA Residential and Light Commercial Design and Installation Manual. By the end of the week, you will be able to download the PDF for printing so that you can include the updated pages in your manual at <https://igshpa.org/manuals/>. IGSHPA is reviewing all of our materials, looking for updates, corrections, and improvements. Let us know if you see any additional updates that need to be made.

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**The purpose of the geothermal heat pump industry is to promote a sustainable and decarbonized future across the globe through the adoption of geothermal as the cleanest, most efficient heating and cooling technology.**

The mission of the geothermal heat pump industry is to promote a unified effort to encourage the adoption of geothermal by increasing understanding, awareness and adoption through....



At the February 2021 Town Hall meeting, the IGSHPA Board presented a working version of its joint Vision and Mission Statement with GeoExchange. If you have thoughts or comments on this statement, please reach out, we would love to get your input.

