FRIDAY, NOVEMBER 15, 2024

LET'S DISCUSS GEOTHERMAL FOR HEATING & COOLING

PINE HILL ELEMENTARY SCHOOL
WESTWOOD

Speaker Biographies

Kim Cullinane
Manager, New Construction Energy Efficiency, Eversource
Kim has worked in the green building industry as a champion for sustainable buildings since 2002. She is a senior member of Eversource's new construction team within its energy efficiency group and co-chairs the statewide Mass Save New Construction Subcommittee where she advances Mass Save policies and program support for low EUI buildings. Kim works daily with Eversource customers, developers, architects, and engineers to provide technical assistance and incentives for highly energy efficient building design and construction across Eversource's tri-state service territories.

Kate Crosby
Energy Manager, Acton-Boxborough Regional School District
She has managed a wide variety of energy and sustainability initiatives across 12 years, including the completion of the District's new all-electric geothermal Zero Net Energy school building. She was just awarded "Change Agent of the Year" by the Massachusetts chapter of US Green Building Council, and has been recognized with a Leading By Example award from the Massachusetts Department of Energy Resources. She has served on the national School Sustainability Leaders' Network and the Massachusetts Green Communities Advisory Council. She is the lead author of "Powering Down: A Toolkit for Behavior-Based Energy Conservation in K-12 Schools," a US Green Building Council publication.

Roberto Fitzgerald
Senior Associate, Dore + Whittier
As a Project Manager with 31 years of architectural experience in educational facilities, Rob brings a wealth of knowledge to the design team. He believes in the power of positivity, meaningful collaboration, proactive communication, and creative problem solving. His approach to sustainability is rooted in the desire for thoughtful stewardship of the environment and providing a better place for future generations. As a Senior Associate, he is involved in management decisions for the operation and longevity of the firm. Rob has led the design team on the Pine Hill Elementary

School project. Rob earned a B.S. in Environmental Design and Architecture from Syracuse University.

Silas Fyler
Assistant Director of Energy Management, City of Watertown
Silas has over 10 years' experience in municipal energy management. During this time, he has served in several positions such as Facilities Director, Project Manager, Operations Director and Energy Manager. Before this he was a private software consultant for 30 years working in logistics for both government and commercial entities. He brings a strong understanding of system controls, net zero energy management, sustainable building designs and construction management to Watertown's four new schools.

Thomas G. Gatzunis P.E., C.B.O
Section Manager, CHA Consulting Inc.
Tom is a Senior Project Manager for CHA, he leverages over three decades of experience as an engineer, building commissioner, and project manager to provide OPM services to his clients, helping them navigate each stage of their project. Tom has worked as part of the owner's team for The Town of Belmont, where he successfully completed several projects including the High and Middle School renovations where the design included a comprehensive strategy involving 283 geothermal wells. Prior to joining CHA, Tom served as the Commissioner of Public Safety for the Commonwealth of Massachusetts from 2004 to 2015.

Lemma Jn-baptiste
Director of Finance and Operations, Westwood Public Schools
Lemma joined the Westwood Schools in 2019 just as the district formed the project team for Pine Hill and launched into the Feasibility Study. In 2024, while working closely with the Superintendent, Pine Hill Principal, and Facilities Director, she oversaw the mid-winter opening of Pine Hill as a consolidation of two elementary schools. Prior to her time in Westwood, Lemma was the Director of Operations for the Office of Special Education in the Boston Public Schools. She worked for several years in the Budget Office of the Boston Public Schools where she reported to the Budget Director and CFO, and she was on the administrative and teaching teams at two Boston high schools. Lemma is herself a graduate of the Westwood Public Schools and has a BA from Harvard College and MBA from MIT Sloan.

Chin Lin
Senior Project Manager, the Vertex Companies, LLC
Chin Lin, AIA, leverages over 25 years of designing educational spaces with a focus on sustainable design and low energy use buildings in his role as Owner's Project Manager. He collaborates closely with designers and contractors to ensure client and end user goals are met. Chin's expertise extends beyond design and construction to include post construction occupancy as well as building operation start up and turn over. He is a graduate of Massachusetts Institute of Technology. Chin is currently working on the $200 Million Watertown High School.

William D. Lovallo, P.E.
Managing Principal, LeMessurier Consultants
After nearly 40 years at LeMessurier, Bill has led structural design solutions for many buildings varying in size and complexity, including public and private high schools. Bill is a longtime resident of Belmont and part of the Belmont Permanent Building Committee and was selected to chair the Belmont Middle and High School Building Committee from its inception in 2016. This successful MSBA project transformed the High School into a Middle and High School serving grades 7-12 with a design enrollment of over 2,200 students and was completed on time in 2023 and on budget established as $295m.

Jim MacDonald
CEO, MSBA and First Deputy Treasurer
Jim has served the Office of the Treasurer for over 40 years. He currently serves as First Deputy Treasurer and the MSBA's Chief Executive Officer. Jim's experience has successfully guided the MSBA through a sustained period of growth and process development. Jim is also a longtime member of the Town of Dedham's Select Board, having served numerous times as Chair.

Christy Murphy, LEED, A.P.
AVP, Project Executive, Project Advisory, The Vertex Companies, LLC.
Christy has over 25 years of experience in the construction industry with an extensive Institutional, Healthcare, and large, complex multi-use project portfolio. Her approach to Project Management starts with understanding their client's needs, distilling it to a project mission that can be communicated clearly from design thru occupancy, and bringing an entrepreneurial and collaborative energy to lead and inspire the whole project team to work together with focus to meet the client's goals. Christy was a member of the Plymouth Building Committee for 12 years working on several important projects for the Town including two new high schools in partnership with the MSBA.

Joel S. Mooney, P.E., L.S.P.
Senior Vice President, Senior Principal, Haley & Aldrich
Joel has served on numerous Belmont building committees over the last 30 years and is a member of the Town's High and Middle School Building Committee. Joel is a Professional Engineer in MA and NY, a Licensed Site Professional in MA, and has been a member of the Town of Belmont's Permanent Building Committee since its founding in 1999. Joel has over four decades of building and infrastructure design and construction experience.

Shawn Newell
Assistant Director, Department of Public Facilities, Lexington
Shawn is a recognized leader and considered one of the top experts on sustainable building design for Lexington's Department of Public Facilities. He graduated from Wentworth Institute of Technology with multiple degrees in various engineering fields. He is currently serving as Assistant Director of Public Facilities for the Town of Lexington. Shawn has dedicated over 20 years to supporting the health, safety, and capital planning for municipalities while influencing their use of solar energy, battery storage systems and designing all electric geothermal buildings.

Mary Pichetti
Executive Director, MSBA
Appointed as Executive Director in June of 2023, Mary originally joined the MSBA on November 28, 2007, as the Director of Construction. From 2008-2023, she served as the Director of Capital Planning leading the team in developing and implementing grant processes that have supported programs for new construction and major repair projects. Prior to joining the MSBA, Mary worked for over 18 years with the Massachusetts Water Resources Authority managing construction projects and program administration including public procurement, contract management, claims and change order analysis for the $3.6 billion Boston Harbor Project and the $1.7 billion MetroWest Water Treatment Plant, tunnels and covered storage tanks. Before the MWRA, Mary spent nine years providing on-site construction management for a real estate developer specializing in historic renovation of townhouses. She holds a Bachelor of Science degree from Smith College.

Tim Piwowar
Superintendent, Westwood Public Schools
Tim Piwowar joined the Westwood Public Schools as its superintendent in July 2023, having previously served as the superintendent of the Billerica Public Schools. A former president of the Massachusetts Association of School Superintendents, Tim has been involved in opening three new school projects that were supported by the MSBA: Westwood's Pine Hill Elementary School which opened in 2024, Billerica Memorial High School which opened in 2019, and the Parker Elementary School in Billerica which opened in 2012. Tim strongly believes in the power of leveraging physical environments in schools to support achieving an educational vision where all students are enabled to achieve at high levels.