



WEBINAR:
*Why Buildings Matter: Perspectives and Priorities for
Delivered Building Performance*
Wednesday, May 20th, 2020



ASHRAE Distinguished Lecturer R. Christopher “Chris” Mathis, President of MC² – Mathis Consulting Company, has spent the past 30 years focusing on how buildings and building products perform – from energy efficiency to code compliance to sustainability and long-term performance durability.

Chris received his undergraduate degree in Physics from the University of North Carolina at Asheville. He received a Master of Science in Architecture Studies from MIT where his graduate work focused on energy use in buildings. He has served as a Scientist in the Insulation Technology Laboratory at the Owens-Corning Fiberglas Technical Center, was the Director of the Thermal Testing Laboratory for the National Association of Home Builders Research Center, and Director of Marketing for Architectural Testing, Inc., a private laboratory specializing in the performance of buildings and building products, particularly fenestration performance testing.

Chris is a 30-year member of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE). In ASHRAE he has worked on window thermal test standards, national model codes for commercial buildings (ASHRAE 90.1), model codes for residential buildings (ASHRAE 90.2) and is the energy consultant to Standard 189.1 – ASHRAE’s model code for sustainable commercial buildings. He is also the energy consultant to the Chapter Technology Transfer Committee. Chris has been recognized as an ASHRAE Distinguished Lecturer, conducting seminars on a variety of building science, energy efficiency and sustainability topics across the US and worldwide.

Chris has been involved in state and national code development since 1988. He was selected four times to serve on the International Energy Conservation Code Committee of the ICC, working to refine and improve the IECC – our national model energy code. He was also selected to be a member of ICC’s Sustainable Building Technology Committee helping to draft a national model code for sustainable buildings. He served on the ICC’s first Code Development Committee for the International Green Construction Code.

Chris is also an on-going student of about 90 million years of sustainability and building science through his activities as a beekeeper. He lives and works near the farm he grew up on in the beautiful mountains of Western North Carolina.

Presentation Abstract:

As building professionals we (generally) go to work every day and do what we do. But often we fail to remember or even to fully understand WHY what we do every day is so important. And now, amidst the current virus chaos, maybe we are being reminded daily about how precious our built environment really is. So, as building professionals, what are we going to do protect our current and future “built environment”?

In this workshop, noted building scientist, author, and ASHRAE Distinguished Lecturer Chris Mathis will provide an updated perspective on the importance of our buildings. He will address the critically important role buildings play in our work, lives and economy, and share his informed perspective on key building performance trends that will likely shape our future.

Attendees will learn about the connections between building performance and key economic, social and environmental objectives. We will learn how building performance influences key issues like energy supply and demand, peak power, water consumption, carbon emissions and other connected issues. We will address how durable aspects of building performance, particularly building envelope performance, contribute to these topics. We will certainly ask questions about how the current virus chaos will impact our daily building decisions going forward.

As a key member in shaping building performance codes and standards at ASHRAE, ASTM and at the ICC, Chris will share his perspective on key code, standards and regulatory trends in building performance. He will discuss potential areas where residential and commercial building performance may be heading. He will use the current code requirements of ASHRAE 90.1-2019 as the starting point for his discussions on anticipated priorities for future building performance goals. And he will conclude with some thoughts on how current trends energy efficiency, IEQ and information technologies may address future building performance objectives.

The seminar will conclude with an interactive Q&A on these topics.

Time: 12:00 to 1 pm

Payment: FREE

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