

Escalating Excellence in Envelopes (lessons learned and nine habits revisited)

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ABSTRACT

There are five basic parts and pieces of building envelopes, each of which needs increased attention if we are to meet and to exceed current Energy Code:

1. Opaque Assemblies - Walls and Roofs
2. Fenestration
3. Air Barriers
4. Thermal Bridging
5. Foundation Insulation and Slab Edges

Join Jim and Jodi for revealing and entertaining stories from practice, illustrating the not-so-good. Discuss how these issues can be addressed to be better-than-before by applying the nine habits of sustainability. Learn about the NYS Energy Code in a way that will help you understand building science and practical applicability, so you can get to better-than-ever buildings.

BIOGRAPHY

Jodi Smits Anderson is the Director of Sustainability Programs for DASNY. She is an architect, LEED AP BD+C, AIA member, and has served the USGBC in local and national committees. She has spoken at the ILFI unconference in Seattle, and at Greenbuild, NESEA's Building Energy, and the NYS GBC. She is a Conquer the Energy Code and GPRO trainer and has assisted in research and writing for Project Drawdown. Her goal is to incorporate sustainable practices into design, construction and living, and to share whatever she has learned and learn still more from whomever will talk with her.

Jim D'Aloisio is passionate about a team approach to creation of high-quality buildings. He seeks to bridge the traditional siloes that exist in the design and construction realm, to inform projects and improve energy efficiency and performance. He is a trained presenter and has published and presented on the role of structural engineer in addressing embodied carbon and thermal performance.