

We're Still Green at Being Green!

Lessons Learned On the Path

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ABSTRACT

Designing and building in a way that reduces or eliminates carbon emissions is causing us to change the way we do things. Such changes can introduce secondary problems, ranging from minor to catastrophic. This is not an argument to NOT make necessary changes to traditional building systems and details, but rather, to learn from the insights gleaned from these problems so that we can minimize their future occurrence. All the better if we can learn from each other - much easier than having problems befall our own projects. This presentation is a collection of lessons learned, on the path to better performing buildings. Let's share!

We will include a brief summary of the magnitude of carbon emissions from various building materials, and how they can be reduced with little or no additional cost.

Stories include:

Construction Carbon Footprint - The New Design Parameter

The Story of Sticks

Pervy Pavement Maintenance

Thermal Bridging Materials Used and Abused

How Shallow! Frost-Protected Shallow Foundation Pitfalls

Fly Ash - Rumors and Facts

No Girts Allowed

AVB is a Dirty Word

Pop the Balloon!

The theme is "Lessons Learned" - not just the specifics, but how we can step back and look at big-picture lessons, so that we can facilitate the bold action that's needed to make the changes that we need. In other words, we want to bring the bar of change down low enough so that it isn't intimidating, and that it is "safe enough to try." We will provide opportunities for audience participation and engagement.

BIOGRAPHY

Jim is a Principal at Klepper, Hahn & Hyatt. He's a member of ACI, ASCE, AISC, CSI, NSPE, and NYSSPE. He has been a practicing structural engineer and building science professional for about 35 years. Hobbies include writing and hypermiling.

Jodi is the Director of Sustainability Programs at DASNY, a lifetime member of NESEA, past regional and national U.S. Green Building Council committee member, wife, mom, hiker, kayaker, knitter, and storyteller. She is the 2018 recipient of the NYSGBC Green Building Advocate award.

Christina is a Structural Engineering Designer at Klepper, Hahn & Hyatt. She and her husband purchase and renovate houses in her spare time. She is an avid dog lover.