ABSTRACT

In the Civil Engineering profession, it can be argued, that those of us in the sub-fields of Structural Engineering and Construction Materials have been the slowest to embrace and adopt the concepts of sustainability in the built environment. Many structural and construction engineers have sat by with mounting frustration as Architects, Mechanical Engineers, Environmental Engineers and Urban Planners have defined “green” agenda for their disciplines and successfully embraced and marketed them. The reasons for this can be traced to the way in which structural and construction engineers are educated. In addition, it has been difficult to identify an appropriate vision for incorporating sustainability principles into the practice of structural and materials engineering in the built environment. In order to define the appropriate vision for the future of our profession, we need to understand how sustainability emerged from the environmental movement, where it currently stands in terms of sustainable development, and how we as structural and materials engineers can restructure our education and develop opportunities in this new sustainable world.

ABOUT THE SPEAKER

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