

# Teaching Green - Prepping Students for LEED v4 and Envision

*Erik Backus, Howard E. Lechler Endowed Director, Const. Engr. Mgmt., Clarkson University*

## **ABSTRACT**

Taking "LEED Lab" as a concept into the new era, is critical to spreading the word about LEED v4. But beyond this, bringing in partners to enable broader discussions of how various rating systems operate, as well as giving students/trainees the opportunity to work on a real project that is ongoing is critical. This talk will discuss the experience of teaching a course that ties together facets of the LEED rating system, as well as Envision, focused on Building Design and Construction.

## **BIOGRAPHY**

Erik C. Backus, PE, LEED AP, FMP, is the Howard E. Lechler Endowed Director of the Construction Engineering Management program at Clarkson University in Potsdam, NY. Erik teaches courses and executes research/work in an array of topics related to the built environment including: sustainability, resilience, and life-cycle thinking of infrastructure and buildings. He serves on the University Sustainability Committee and is an affiliate faculty in the Institute for a Sustainable Environment. Erik, who was a past-member of the Faith Based Community Action Team for the US Green Building Council (USGBC), continues to serve as a Lieutenant Colonel in the Army Reserve, was recently appointed to the APPA Informatics Working Group, and is a member of the Steering Committee for Lutherans Restoring Creation.