

**2017-2018**  
**Mid-Hudson Branch**  
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Shahin Ariaey-Nejad

Clay Morrissey

Rahul Verma

*All ASCE members and guests are invited to attend an*

**ASCE Dinner & Seminar**

**Thursday Evening, March 15, 2018**

**Speaker:** Robert (Skip) Backus  
Omega Center for Sustainable Living

**Topic: "Designing, licensing, and operating an Eco-Machine alternative wastewater treatment system"**

**Summary:**

The Omega Center for Sustainable Living (OCSL) is an environmental education center and natural water reclamation facility. Built to meet the highest standards currently available in sustainable architecture, the OCSL is a pioneering project in the Living Building Challenge™ and is the first green building in America to receive both LEED® Platinum and Living Building Challenge™ certification. Robert (Skip) Backus Chief Executive Officer of the Omega Institute will present an overview of the design, construction, operation and maintenance of the Omega Eco-Machine which utilizes: a variety of tanks, constructed wetlands, aerated lagoons, sand filters and dispersal field along with solar power, no chemicals and specifically selected plants to purify effluent to a tertiary level prior to discharge back into the local environment. The treatment system is "carbon neutral", creating no net greenhouse gases, and was recently recognized by the New York Water Environment Association, for sustainability.

**PDH:** 1 PDH Pending

**Location** Milanese Italian Restaurant,

115 Main Street, Poughkeepsie, NY 12601

**Entrée** • Chicken Francais • Stuffed Filet of Sole  
**Options** • Steak • Eggplant Parm with or without the cheese

**Date/Time:** Thursday, March 15, 2018  
6:00 pm social hour (cash bar)  
7:00 pm dinner (includes salad, entrée, dessert, and soda, coffee/ tea)

**Cost:** \$30 for ASCE members and their guests  
\$35 for non-ASCE professionals  
\$15 for students

**Please register with Tammy Nosek (Tammy.Nosek@crowncastle.com). Payment at the door is acceptable (checks payable to ASCE MID-HUDSON BRANCH).**

Visit us at [branches.asce.org/mid-hudson](http://branches.asce.org/mid-hudson) for the latest news and information on upcoming events.