

**2017-2018**  
**Mid-Hudson Branch**  
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Julianna Pelella

Shahin Ariaey-Nejad

Clay Morrissey

Rahul Verma

All ASCE members and guests are invited to attend an

**ASCE Dinner & Seminar**

**Thursday Evening, December 14, 2017**

**Speaker:** Louis Grasso, LEED AP  
Urban Mining Northeast

**Topic:** "Sustainable Concrete"

**Summary:**

Pozzolans are critical components to producing strong, durable and sustainable concrete. There are many benefits of ground glass pozzolans in concrete including increased compressive strength, resistance to chemical attack, freeze-thaw resistance, etc. The most commonly used pozzolan is fly ash from coal-fired power plants is in short supply due to reduced coal usage to generate electricity. At the same time, a majority of the glass used in the US ends up in landfills. By converting waste glass into a high-quality pozzolan alleviates pozzolan shortages and saves valuable landfill space. Soda-lime glass has consistent chemical composition and the manufacturing process controls the quality. Ground glass pozzolans have been used in many high-profile projects in the NYC area.

**PDH:** 1 PDH

**Location** Milanese Italian Restaurant,

115 Main Street, Poughkeepsie, NY 12601

**Entrée Options**

- Chicken Francais
- Steak

- Stuffed Filet of Sole
- Eggplant Parm with or without the cheese

**Date/Time:** Thursday, December 14, 2017  
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 the information below by contacting Shahin A. Nejad\*. Payment at the door is acceptable (checks payable to ASCE MID-HUDSON BRANCH).

	Name	ASCE	Student	Unaffiliated
You		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guest 1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guest 2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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