



**Maine Section ASCE February Meeting at
Grand Summit Hotel and Conference Center – Newry, ME
Friday, February 17, 2012**



RSVP by Tuesday February 14th

Sunday River Snowmaking and Snow Flake Factory Tour

Presentation:

Sunday River has one of the largest, most technically advanced snowmaking systems in the Country and a veteran team of snowmakers who are passionate about what they do.

Snowmaking, in principle, is relatively simple. Water is pulled from a water source, pumped onto the mountain, and forced through a nozzle by pressurized air. From there, the water droplets freeze into snow crystals and settle to the ground.



Please join us as Resident Engineer and ASCE Member, Mr. Joe Aloisio, Jr., P.E., discusses the engineering behind this critical piece of infrastructure for Sunday River. His presentation will cover the following topics:

- Computers and Snowmaking
- Boyne Low Energy (Low-E) Fan Guns
- System Specifications
- On-Mountain Infrastructure by the Numbers

About the Speaker: Mr. Joe Aloisio, Jr. P.E.

After graduating in 1975 from the University of Maine with a degree in Civil Engineering, Joe spent nine years working as a consultant in Maine for the firms EC Jordan and Wright Pierce. In 1984 he moved to the industrial side of the engineering business, joining W.E. Cloutier in their precast concrete division. In 1988 his love for skiing led him to reply to a blind ad placed in the Portland Press Herald: "Major New England ski area looking for Professional Engineer." The ski area was the rapidly expanding western Maine resort of Sunday River.

Joe's engineering duties are varied and can include general design, permitting, maintenance, construction oversight, and managing the water and wastewater systems. Some of the notable design projects Joe has worked on include the sewer system, design of the resort's zip lines, and layout of many of the lifts and trails that have been built over the last 2 decades. While there are many challenges in this business, Joe says that having his skis within easy walking distance of the slopes is a great benefit.

Schedule of Events:

9:00-2:45 Ski on your own or with ASCE Members (see Scott Gorneau for details)
2:45 to 3:00 Meet in the lobby of Grand Summit Hotel to take trolley to Snow Flake Factory
3:00-4:00 Snow Flake Factory Tour (Near Baker Mountain Lodge)
4:00-4:15 Take trolley back to Grand Summit Hotel
4:15-5:00 Social Hour (Cash bar) and Board Meeting (All Welcome) in the North and South Ballroom of the Grand Summit Hotel
5:00-6:00 Presentation (Potential 1 PDH) and delicious Buffet consisting of soup, salad, pasta and meat, vegetarian lasagna, garlic bread and cannoli\biscotti for dessert.

Price:

___\$30 ASCE Members before RSVP Deadline
___\$35 Non-Members and Members after Deadline
___\$15 Students, retirees, and unemployed members
___\$0 Life Members



Make checks payable to: **Maine Section ASCE**

Name: _____ Life Member: ____ Yes ____ No

Organization: _____

Please email or fax registration to:
W. Scott Gorneau, P.E., CPSWQ
(sgorneau@fabco-industries.com)
FABCO Industries, Inc.
120 Exchange St, Suite 300
Portland, ME 04101
Mobile\Office: 207-831-2795
Fax: 207-772-8101

Directions to the Meeting
Grand Summit Hotel and Conference
Center – Ballroom North and South
97 Summit Road
Newry, ME 04261
1-800-430-0767

GPS Coordinates:

44° 28' 01.21" North
70° 50' 49.06" West

Closest Intersection
Sunday River Rd. and Skiway Rd.

Additional instructions for skiers and hotel guests:

Sunday River\Boyer Resorts has extended a special lift ticket rate for people attending our meeting. The rate is \$64 per person for day skiing (normal in-season Adult ticket for Friday ski-day is \$80). To purchase your discounted tickets proceed to **South Ridge Ticket Pick-Up** and let them know you are with Maine Section of ASCE.

For those who wish to stay at the Grand Summit Hotel we have negotiated a room rate of \$179/night plus Maine State Rm Tax (7%) and Lodging Tax (7%) for either a Standard Unit or Standard Deluxe Unit. You are welcome to reserve a room at these rates at your own risk and responsibility by calling 1-800-207-2365. The reservation number for our group is 855510.

Waiver

By registering for this event attendees hereby release, *the Maine Section of the American Society of Civil Engineers*, and their respective employees, officers, affiliates, organizational entities, agents or representatives, from, and waive any and all claims which you may have against them at any time with respect to, liability arising from personal injury or property damage which may suffer or incur in participating in or traveling to or from the Event. Attendees understand that participation in this Event is purely voluntary and accept full responsibility for their own safety. Attendees acknowledge they are physically capable of participating in these events and understand there is risk associated with participation. The foregoing release, waiver and agreement, shall be binding upon you, and your heirs, executors, personal representatives and assigns.