



**SRMEG-EAS Seminar**  
**Thursday, 07 October 2010, 7 - 8 pm**

**State of the Art Cavern Design and Construction**  
**- A U.S. Perspective**

(PDU: Pending for approval)

**Abstract:**

This talk will focus on rock support design and construction and will touch upon the use of NMT's Q-system for rock support & UDEC numerical modelling.

**Speaker:**



Seth is a senior tunneling engineer with Ove Arup and Partners in New York. His primary focus is on mined tunnels, particularly large span caverns in urban areas. Seth recently completed the temporary support design of the first cavern to be built in New York City in the last 35 years, and acted as an Assistant Resident Engineer throughout its one year construction period. He has worked on other large scale tunnel projects including Airport Link in Brisbane and the Express Rail Link project in Hong Kong.

Seth holds a BS degree in Civil Engineering and an MS degree in Mining Engineering from the Colorado School of Mines and is a registered Professional Engineer in the United States.

Seth's talk will focus on his design and construction experience with shallow caverns in the US, as well as the research on rock mass behavior he carried out during his time on site, which won him the Geological Society of London's Glossop Award in 2008.

**Seminar Details**

**Venue: NUS Shaw Foundation Alumni House,  
Seminar Room 2**

**Date : 07<sup>th</sup> October 2010 (Thursday)**

**Time : 7 - 8 pm (\* Refreshments to be started at 6pm)**

**This is an open invitation to all. Admission is free.**

**Light refreshment is provided.**

**Please register early as seating is limited on a first come first served basis.**

**Please kindly **RSVP your name and contact number to SRMEG Secretariat by 1<sup>st</sup> October 10.****