



EAS-SRMEG Seminar
Wednesday, 14 July 2010, 6 - 8 pm

Tunnel Rehabilitation Method without Disruption of Rail Traffic
(PDU pending approval)

Abstract:

The German railroad company is currently maintaining about 640 tunnels with a total length of more than 450 km. In addition, 35 railroad tunnels with a length of 90 km are presently under construction. A large number of existing tunnels were built during growing industrialization in the second half of the 19th century. Regardless of ongoing traffic growth in recent years, the stressed financial situation of the Federal Republic of Germany has led to a halt of financial investment. However a number of new tunnels as well as modernizations of existing tunnels are presently underway. Depending on tunnel condition and traffic density, two different construction methods may be applied. In stable ground with moderate rail traffic, the tunnel may be renewed while maintaining the traffic flow. Alternatively a new tunnel may be built next to the existing one. This presentation focuses on the renewal of existing tunnels while maintaining the traffic flow.

Speaker:



Dr.-Ing Christian Wawrzyniak is a Senior Geotechnical Engineer and Managing Director of German based CDM Consult GmbH. He leads the business unit of infrastructure / geotechnique and has more than 16 years of professional experience in geotechnical and structural engineering including large-scale infrastructure construction projects, deep shafts and excavations, shallow and deep foundation systems, and tunnels. Dr. Wawrzyniak has extensive expertise in the area of tunneling construction and design, and has worked on more than 50 Tunnels in all varieties of construction method and diameter. His experience includes feasibility studies, witness expertise, engineering design as well as construction management and consulting.

Seminar Details

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

Date : 14th July 2010 (Wednesday)

Time : 6 - 8 pm

**This is an open invitation to all, free admission and light refreshment is provided.
Please register early as seating is limited on a first come first served basis.**

Please kindly **RSVP to SRMEG Secretariat by 7th July 2010.**