The Cutter Soil Mixing (CSM) System
by
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Abstract: The CSM-Cutter Soil Mixing- developed by BAUER Maschinen GmbH, is a new and effective method of deep soil mixing, based on the principle of trench cutter technique. It is mainly used for the construction of cut-off walls, earth retaining structures, and ground improvement. As it is derived from BAUER Cutter technology, the system extend the applicability of the soil mixing into much harder strata; as the self-hardening slurry is being introduced, soil formations can be easily penetrated, broken down, and mixed with the slurry, using the cutter wheels as cutting and mixing tool.

The presentation will discuss the CSM method, including equipment range and specifications, standard operating procedures, productivity influencing factors, QA/QC and various application case histories from prestigious project all over the world.

The system has been in operation since 2004, it has been used all over the world and has proven to be effective in various soil conditions ranging from soft to hard cohesive soils, and loose to very dense granular material. It has achieved excellent results both technical and economical. Its use has been extended to replace many Jet grouting and other conventional deep soil mixing projects as well as plastic diaphragm walls, sheet piles and other cut-off walls on prestigious projects.

****** Everyone is invited – snacks will be available**********