

ISSMGE TC-17

ISSMGE TECHNICAL COMMITTEE 211– GROUND IMPROVEMENT

TC 211 WORKSHOP – 26 MAY 2011

“QC-METHODS FOR GROUND IMPROVEMENT WORKS”

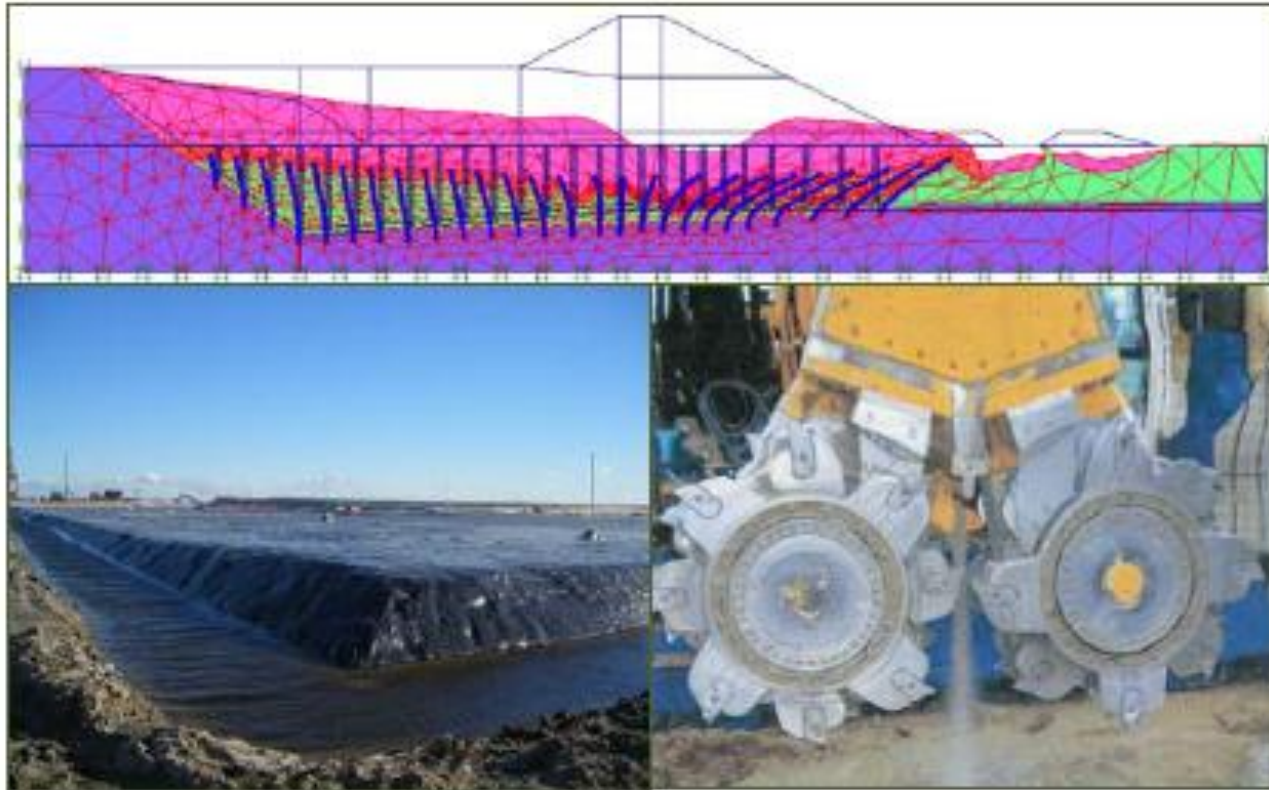
**Venue : 14th Asian Regional Conference on Soil
Mechanics and Geotechnical Engineering ,
23-27 May 2011, Hong Kong**

2. Terms of reference:

The terms of reference of TC 211 Ground Improvement for the period 2010-2013 are as follows:

- Rework the existing website (www.bbri.be/go/tc211) and organize it according to the T.O.C.
- Introduce a newsletter
- Develop actions and members interactions on the following themes:
 - influence of equipment
 - available Q.C. methods
 - monitoring of G.I. works
 - particular soils (crushable sands, glauconitic sands, organic soils, hydraulically deposited mud – dredged or industrial)
- Organize a workshop at the 14th Asian Regional Conference in Hong-Kong
- Organize an International Symposium “Ground Improvement”.

TC 211 IS-GI Brussels 2012

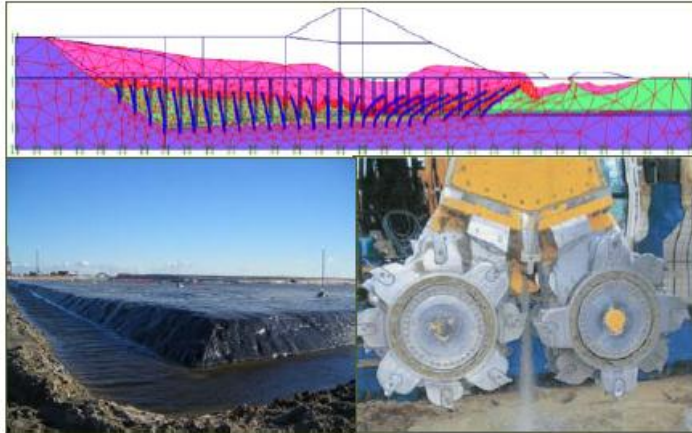


Recent Research, Advances & Execution Aspects of
GROUND IMPROVEMENT WORKS

Call for papers & pre-registration form

INTERNATIONAL SYMPOSIUM & SHORT COURSES

TC 211 IS-GI Brussels 2012



Recent Research, Advances & Execution Aspects of **GROUND IMPROVEMENT WORKS**

30 May – 1 June 2012, Brussels, BELGIUM

Organised by :

ISSMGE Technical Committee TC 211 Ground Improvement

Belgische Groepering voor Grondmechanica en Geotechniek
Groupement Belge de Mécanique des Sols et de la Géotechnique

Comité Français de Mécanique des Sols



Deadline for abstracts
extended till 10 June 2011

Already recieved abstracts:

1. Vibro and impact compaction:	15
2. Prefabricated vertical drains:	3
3. Vacuum consolidation:	2
4. Deep mixing:	25
5. Rigid inclusions	10
6. Biogrout and other grouting methods:	10
7. Soil reinforcement:	19
8. Other:	19
Total:	103

Short courses:

- Vibro and impact compaction
- Deep mixing
- Rigid inclusions
- Marine ground improvement

Workshop 14 ARC - 26 May 2011

PROGRAM

- 14h20 – 14h30 **INTRODUCTION**, *S. Varaksin and Jan Maertens*
- 14h30 – 14h50 **Some recent development in quality control tests for PVDs**, *Jian Chu*
- 14h50 – 15h10 **Proposed modification of the K-stiffness method for MSE structures on soft ground**, *Dennes Bergado*
- 15h10 – 15h30 **Carbon foot print of soil improvement methods**, *Teik Aun Ooi & Kenny Yee*
- 15h30 – 15h50 **QC-methods for deep vibro techniques**, *V. R. Raju*
- 15h50 – 16h20 **COFFEE BREAK**

Workshop 14 ARC - 26 May 2011 (2)

- 16h20 – 16h40 **QA/QC for deep mixing method, *Masaki Kitazume***
- 16h40 – 17h00 **Recent developments and testing of soil mix material in Belgium, *Jan Maertens***
- 17h00 – 17h20 **On-shore and off-shore compaction for a reclamation project, *Kenny Yee***
- 17h20 – 17h40 **Validity of relative density for QC control of cohesionless soils, *Babak Hamidi***
- 17h40 – 17h50 **DISCUSSION & CONCLUSIONS**

