



**The 15th
Asian Regional Conference
on Soil Mechanics and
Geotechnical Engineering**

Date 9-13 November, 2015
Venue Fukuoka International Congress Center
2-1 Sekijo-machi, Hakata-ku, Fukuoka City 812-0032 JAPAN

8 ARC at Kyoto 2007
2 ARC at Tokyo 1993
Welcome back to Japan, Fukuoka 2015
"Peace Statue" Nagasaki
"Sakurajima volcano" Kagoshima
"Takachiho Gorge" Miyazaki
"Kumamoto Castle" Kumamoto

TC202 Session on Transportation Geomechanics at 15th ARC, Fukuoka, 2015

Tuesday, November 10, 2015, 13:30-17:00

**Venue: Room 412,
Fukuoka International Congress Center (FICC)**

**Prof. Tatsuya Ishikawa, Secretary, TC202 Transportation Geotechnics
t-ishika@eng.hokudai.ac.jp, Hokkaido University**



Opening Address by TC202 Chair



**Prof. Erol Tutumluer
(University of Illinois at Urbana-Champaign)**

TC202 Terms of Reference

The goal of TC202 is to apply broad engineering to bridge the gap between Pavement/Railway Engineering and Geotechnical Engineering. The main task is to promote co-operation and exchange of information and knowledge about the geotechnical aspects in design, construction, maintenance, monitoring and upgrading of roads, railways and airfields. The task also covers the related environmental aspects. For these purposes, several main topics were identified and materialized in the main Task Forces of the Committee as follows.

TF 1. Promote of use of nontraditional materials in embankments and structural layers.

TF 2. Reinforcement of geomaterials and its implications in pavement and rail track design.

TF 3. Earthworks design, technology and management

TF 4. Rail track substructures, including transition zones.

TF 5. Subsurface sensing for transportation infrastructure condition diagnostics among others.

TF 6. 3rd International Conference on Transportation Geotechnics (ICTG), Guimarães, Portugal, September 4-7, 2016. Chairman António Gomes Correia (University of Minho).

TF 7. Transportation Geotechnics; Elsevier journal of TC202. Editors-in-Chief: António Gomes Correia; Erol Tutumluer, and Yunmin Chen.

<http://www.journals.elsevier.com/transportation-geotechnics/>

TF 6. 3rd ICTG

3rd ICTG
International Conference
On Transportation
Geotechnics

Portuguese Geotechnical Society
University of Minho

Guimarães, PORTUGAL
4-7 September 2016
Vila Flor Cultural Centre

ISSMGE
International Society for Soil
Mechanics and Geotechnical
Engineering

**3rd International Conference on
Transportation Geotechnics**

CALL FOR SPONSORS AND EXHIBITORS REGISTRATION
Deadline for paper submission (accepted abstracts), November 6, 2015

Contact

3rd ICTG Secretariat
University of Minho - School of Engineering
Campus de Azurém, 4800-058 Guimarães - PORTUGAL
Tel: (+351) 253 510 218
Fax: (+351) 253 510 217
e-mail: 3ictgeo2016@civil.uminho.pt

*Exhibit space is available to
showcase your activities,
products and services to
Academics, Researchers and
Professionals (more than 300
abstracts from representatives
of 50 countries).*

Conference Website: <http://civil.uminho.pt/3rd-ICTG2016>

Important Dates

March, 2015:	Call for abstracts
May 15, 2015:	Deadline abstract submission
June 12, 2015:	Notify authors of accepted abstracts
Submission of papers:	After abstract acceptance
November 6, 2015:	Deadline paper submission
February 26, 2016:	Notify authors of accepted papers
March 25, 2016:	Submission of final camera-ready papers

Conference Themes / Chairpersons updated on 2015/09/08

Theme 01: Optimized geomaterial (including hydraulically bound materials and asphalt mixtures) use, reuse and recycling – *T. Edil, N. Consoli, A. Dawson*
Theme 02: Unsaturated soil mechanics in transportation geotechnics – *D. Toll, E. Alonso*
Theme 03: Foundations and earth structures – *A. Gomes Correia, H. Brandl*
Theme 04: Slope stability, stabilisation, and asset management – *S. Glendinning*
Theme 05: Mechanistic-empirical design (road, railways and airfields) – *C. Schwartz, D. Brill, S. Costa d'Aguilar*
Theme 06: Rail track substructures, including transition zones – *W. Powrie, M. Shahim*
Theme 07: Subsurface sensing for transportation infrastructure – *S. Nazarian, A. Loizos*
Theme 08: Macro and Nanotechnology applied to transportation geotechnics – *M. Alves, J.M. Fleureau*
Theme 09: Sustainability in transportation geotechnics – *I. Al-Qadi, M. Winter*
Theme 10: Case histories – *J. Koseki, J. Oliveira, J. Liu*

Workshops Themes

Workshop 01: Geosynthetics in transportation geotechnics
Workshop 02: Harbour geotechnics
Workshop 03: Non destructive technologies
Workshop 04: Ground improvement and soil stabilization

Honour Lectures

ISSMGE – TC202: **Proctor Lecture:** Prof. Buddhima Indraratna (Australia)
IGS: **Mercer Lecture:** Prof. Jorge Zornberg (USA)


Co-Sponsors updated on 2015/09/08

TRB **ILLINOIS CENTER FOR TRANSPORTATION** **RUTGERS**
Center for Advanced Infrastructure Life and Transportation


IGS **G-I GEO-INSTITUTE** **ORDEM DOS ENGENHEIROS**
International Geosynthetic Society

TF 6. Named Lecture of TC202

International Society for Soil Mechanics and Geotechnical Engineering



TC202
Transportation Geotechnics

MENU	PROCTOR LECTURE
:: Home	<p>The Proctor Lecture was first established with the Board approval during the time of the September 2013 ISSMGE Conference in Paris, to commemorate the significant contributions of late Ralph Roscoe Proctor, and to be delivered by the world's most distinguished achievers in Transportation Geotechnics. This memorial Lecture is organised as the primary keynote event at each Transport Geotechnics conference hosted by ISSMGE-TC202. The guidelines of ISSMGE-TC202 for the nomination of the Proctor Lecture recipient are given in the Nomination.</p> <div style="display: flex; align-items: center;">  <div> <p>Ralph Roscoe Proctor (1894-1962)</p> <p>Ralph Roscoe Proctor was an American Civil Engineer well-known as the inventor of the 'Proctor test' and the associated theory of compaction.</p> <p>As a veteran of World War 1 who served the Company E, Twenty-Third Engineers, he was primarily involved in railroad construction work in France. Afterwards, having completed his studies in Civil Engineering at the University of Southern California in Los Angeles (1914-1916), Ralph Proctor worked at the California Water Authority of Los Angeles (BWWS - Bureau of Water Works and Supply), where he remained during the rest of his career, mostly involved in construction, design and maintenance work of his field.</p> </div> </div>
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Recipient of the 1st Proctor Lecture :



1st Proctor Lecture
by **Professor Buddhima Indraratna**
Guimarães, Portugal, Sep, 2016

See lecture slides (Coming Soon)

Professor Buddhima Indraratna

Prof. Buddhima Indraratna (University of Wollongong)

TF 7. Issue of International Journal

NEW JOURNAL TRANSPORTATION GEOTECHNICS

ISSMGE TC 202

EDITORS



Transportation Geotechnics is a new journal publishing high quality theoretical and applied papers on all aspects of geotechnics for roads, highways, railways, airfields and waterways.

Editors:

António Gomes Correia
Erol Tutumluer
Yunmin Chen

Read the guide for authors
and submit your article at
www.elsevier.com/locate/trgeo

1st issue
03/2014



Professor Antonio Gomes-Correia,
University of Minho,
Guimarães, Portugal



Professor Erol Tutumluer,
University of Illinois,
Urbana-Champaign,
USA



Professor Yunmin Chen,
Zhejiang University,
Zhejiang, China

Technical Committee 202

TC202 Web Sites:

51 members covering a good majority of ISSMGE member societies

In Asia:	China	2 members	Iran	1 member
	Chinese Taipei	1	Japan	4
	Hong Kong	2	Kazakhstan	1
	India	1	South Korea	3
	Indonesia	1	Total	17 members

TC202 Web Sites:

<http://www.issmge.org/en/technical-committees/applications/147-transportation-geotechnics>

<http://www.eng.hokudai.ac.jp/labo/geomech/ISSMGE%20TC202/>

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International Society for Soil Mechanics and Geotechnical Engineering
TC202
Transportation Geotechnics

ISSMGE

1 Jun 2014 Update applied to reflect the new TC regime launched last year.

WELCOME TO TC202
Host member society: USA
Short name: Transportation (TC202)

Technical Committee 202 (formerly TC-3) of the ISSMGE was established in 2001 in accordance with the proposal approved by the ISSMGE Board serving the 2001-2005 term. The Committee completed three 4-year terms under the leadership of Professor Antonio Gomes Correia as Chairman (2001-2013). Professor Erol Tutumluer is the current Chairman of TC202 serving the 2013-2017 term.

Technical Committee 202 works closely with its members to organize symposia, workshops, and international exchanges dealing with all aspects of Transportation Geotechnics in both traditional and emerging areas. Thanks to the dedicated efforts of Prof. Gomes Correia, TC202 has created a new named lecture series in commemoration to late R.L. Proctor to be delivered by the world's most distinguished achievements in Transportation Geotechnics. The inaugural Proctor Lecture will be delivered at the 3rd International Conference of Transportation Geotechnics in Guimarães, Portugal, on September 4-7, 2016.

You are encouraged to contact us, bring new proposals, and/or participate in the ongoing activities of TC202.

Prof. Erol Tutumluer, Chair
Prof. Tatsuya Ishikawa, Secretary

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