Construction of infrastructure and transport structures in complicated geological conditions and to be safe under natural disasters is a very challenging task and demands cooperating efforts from scientists, designers and contractors. Complicated geotechnical problems are confronted under conditions of high probability of earthquakes, landslides, mud flows, snow avalanches, flooding and other hazardous phenomena such as break of dams, underground mountain row collapsing, a large-scale and intensive oil and gas leakage, industrial and terrorist explosions and other techn/o/antropogenic impacts. The International Technical Committee 203 of Earthquake Geotechnical Engineering and Associated Problems (TC203); International Technical Committee № 216 ISSMGE Frozen soils; Technical Committee № 202 «Transportation geotechnics»; The Asian Technical Committee №3 (ATC-3) of Geotechnology for Natural Hazards, The Commission on Earthquake Engineering and Mitigating Industrial & Natural Disasters (CoMIND); Centre on EQE&NDR (Cender), The Russia Society for Soil Mechanics, Geotechnics and Foundation Engineering (ISSMGE) and Kazakhstan Geotechnical society are planning to organize the International Geotechnical Symposium on 04-07 July, 2018 in Yuzhno-Sakhalinsk (Russia) with special technical tours to lake island Sakhalin (Russia).

Experts from the CIS countries (especially from Russia and Kazakhstan), Japan, the USA, Canada, Finland, Belgium, Holland, Poland, Australia and India are expected to take part in the Symposium.

### THEMES

The Symposium themes are geo-monitoring; modeling and prognosis of natural and emergency situations; preventive geotechnical measures for disaster reduction.

1. Use geomaterials for construction and reconstruction transportation objects.
2. Geomonitoring, modeling of geodynamic processes, prognoses of natural phenomena: - earthquakes, tsunamis, typhoons; - landslides, mud flows, volcanic eruptions, floodings; - soil liquefaction, scuffling, swelling, freezing of the soil bases.
3. Geotechnical measures for natural disaster reduction of: - marine engineering; - railways and highways, pipelines; - bridges, tunnels, aerodrome; - civil engineering structures
4. Geotechnical engineering in special environments: - geotechnical engineering in cold climate regions; - geotechnical engineering in high-mountainous regions; - geotechnical engineering in zones of fluctuation of a sea level.
5. Geocology of extreme situations: - geotechnics of embankments, waste and tailing’s storages; - geotechnics of industrial, radioactive waste products; - pollution of river and sea bottoms; - geocology of oil & gas deposits - the use of mineral resources to reduce the negative impact on the environment.

### INTRODUCTION

The bulletin № 1

July 04-07, 2018
Yuzhno-Sakhalinsk, Russia

### OFFICIAL LANGUAGE OF THE SYMPOSIUM

Official language of the Symposium is English and Russian

### DATE AND LOCATION

The Russia Federation will hold the International Geotechnical Symposium in the City of Yuzhno-Sakhalinsk (Russia) during 04-07 July 2018. Information on registration fees, venue, accommodations and transportation will be given in Bulletin № 2, which will be sent to participants, who have completed and submitted the preliminary registration form (included in this brochure) to the Organizing Committee.

### EXHIBITION

The exhibition of the scientific and technical achievements, literature and advertising - prospectuses will be organized during the Symposium. Because the available space for exhibition is limited, early request are kindly appreciated.

### TECHNICAL TOUR

Technical tours are planned to lake island Sakhalin (Russia) after a Symposium. Detailed information will be given in the Bulletin №2.
The preliminary registration form (application): convective request to send in Organizing committee till 31 march 2018

Sex: M/F
Surname: _____________________________
Name: ___________________________________________
The organization: ________________________________________________________________
Title: [ ] - Dr. [ ] - Prof. [ ] - Associate Prof.
The address for the correspondence:

To publish the report; 
To participate in a Symposium; 
To act with the report on section (number of section);
To use projective technical equipment; 
To reserve a hotel; 
To take part in an exhibition; 
To participate in Post Technical Tour

E-mail: ____________________________________________
Tel: ____________________________________________
Fax: ____________________________________________
Mobil phone: _____________________________

1. Professor K.Ishihara – Past-president of ISSMGE, Chuo University, Tokyo, Japan
2. Professor Y. Iwasaki – Director of the Geo-Research Institute, Osaka, Japan
3. Professor Kamada Teruaki – Director General Civil Engineering, St. Petersburg State Transport University, Saint-Petersburg, Russia
4. Dr. A.G. Shashkin - General Director Georeconstruction Engineering, Co, St. Petersburg, Russia
5. Professor V.M. Ulitzyk – Head of Department of Geotechnical Engineering, St. Petersburg State Transport University, Saint-Petersburg, Russia
6. Dr. A. Hasegawa – Professor of Hachinohe Institute of Technology, Hachinohe, Japan
7. Dr. T. Tanaka – Professor of the University of Tokyo, Tokyo, Japan
8. Dr. T. Mitachi – Professor of Nihon University, Japan
9. Dr. Y Tan - Professor Harbin Institute of technology, China
10. Dr. Zhao Maocai- Professor Harbin Institute of Technology, China
11. Professor Erol Tutumluer - Chair of TC202, ISSMGE, University of Illinois, Urbana-Champaign, USA
12. Professor Devendra Narain Singh - Indian Institute of Technology Bombay, Mumbai, India
13. Professor Tatsuya Ishikawa - Hokkaido University, Japan
14. Professor Andreas Loizos - University of North Carolina at Charlotte, USA
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16. Professor Antonio Gomes Correia - Immediate past Chair of the TC202, University of Minho, Portugal
17. Dr. Tomasz Kozlowski - Professor, Kielce University of Technology, Kielce, Poland
18. Professor B.B. Teltaev – President of KazdorNII, Almaty, Kazakhstan
19. Professor N.A. Kazakov – Deputy Director of IMGiG&D VO RAN, Yuzhno-Sakhalinsk, Russia
20. Professor V.N. Paramonov - Professor of St. Petersburg State Transport University, St. Petersburg, Russia
21. Professor I. Sakharov - Professor, SPBGASU, St. Petersburg, Russia
22. Professor P Jacek Kawalec, Tenes, Poland
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25. Professor E.N. Kurbatsky Head of Department of tunnel and bridge Russian University of transport
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27. Professor H. Hazarika – Secretary ATC-3 (Asian Technical Committee №3 of Geotechnology for Natural Hazards), Kyushu University, Japan
28. Professor A.Y.Petriev – President Russian Geosintectic Society
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