

## GEOTECHNICAL ASPECTS OF DAMAGES CAUSED BY NATURAL PHENOMENA

FRIDAY, 11.11.2016.

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**Varaždin 2016**

7th conference  
of Croatian  
Geotechnical  
Society  
with  
international  
participation

**08:00 - 09:00** REGISTRATION**09:00 - 11:05** OPENING CEREMONY**INVITED LECTURES**

Norikazu Shimizu, Tsuyoshi Eguchi

*Challenge of continuous spatio-temporal displacement monitoring in geotechnical engineering*

Fusanori Miura

*Application of satellite remote sensing to natural disaster management*

Tomislav Ivšić

*Potresno djelovanje i geotehnika // Earthquakes and geotechnical engineering***11:05 - 11:35** COFFEE BREAK**11:35 - 13:30** INVITED LECTURE

Heinz Brandl

**Floods – Stability and failures of dykes****PAPER PRESENTATIONS** (moderator: Mensur Mulabdić)

Silvija Puljak, Ninoslav Tomljanović, Franjo Verić

*Rekonstrukcija lijevoobalnog savskog nasipa na mjestu proboja nasipa u Rajevom selu // Reconstruction of the leftside dike of the Sava river on the location of the dike breach in Rajevo Selo*

Ivan Mihaljević, Goran Grget, Marko Kačić

*Projektiranje i nadzor nad sanacijom obrambenih savskih nasipa kod sela Račinovci i Topola u Županjskoj Posavini, oštećenih u poplavama 2014. godine // Design and supervision on remediation of levees on river Sava near Račinovci and Topola in the Županjska Posavina region damaged in the 2014 floods*

Jelena Kaluđer, Jelena Matijević, Krunoslav Minažek, Mensur Mulabdić

*Uloga geosintetika u nasipima za obranu od poplava // Role of geosynthetics in flood protection embankments*

Janne-Kristin Pries, Lars Vollmert

*Improving sealing efficiency and structural stability of dams and dykes by using geosynthetics*

Leo Kuljanski

*Application of a geogrid reinforced granular mattress (StratumTM) as the base of dyke***13:30 – 15:00** LUNCH**15:00 - 16:30** PAPER PRESENTATIONS (moderator: Predrag Mišćević)

Željko Sokolić, Igor Sorić, Nikola Belić

*Kategorizacija klizišta na području općine Vogošća (BIH) aktiviranih u svibnju 2014. // Technical and financial indicators prognosis for unstable slopes based on available data and terrain prospecton*

Elizabeta Tomašić, Goran Mazija

*Uloga geotehničkog katastra kod zahvata u prostoru na području grada Zagreba // The role of geotechnical cadastre in the city of Zagreb area interventions*

Jure Ofak, Laszlo Podolski, Željko Miklin, Željko Sokolić

*Detaljna inženjerskogeološka karta podsljemenske urbanizirane zone grada Zagreba // Detailed engineering geological map of Podsljeme urbanized area of city of Zagreb*

Marija Podbojac, Miro Jukić

*Sinteza istražnih inženjerskogeoloških i geotehničkih radova i provedenih sanacijskih mjera na klizištu Črešnjevca (1982.-2016.) // Synthesis of investigative engineering-geological and geotechnical works and implemented remedial measures on the landslide Črešnjevca (1982-2016)*

Goran Vlastelica, Predrag Mišćević, Nataša Stambuk Cvitanović, Tihomir Biloš, Mijo Nikolić

*Daljninsko opažanje upotrebom TLS-a za potrebe analiza geomorfoloških procesa na padinama: primjeri s područja srednje Dalmacije // Field monitoring of geomorphological processes on steep slopes by using TLS: examples from central Dalmatia*

Stjepan Strelec, Mario Gazdek, Josip Mesec, Jasmin Jug, Davor Stanko

*Primjena „in situ“ i geofizičkih metoda u istraživanju cestovnog klizišta // Implementation of in-situ and geophysical methods for road landslides investigations***16:30 - 17:00** COFFEE BREAK**17:00 - 18:00** PAPER PRESENTATIONS (moderator: Antun Szavits-Nossan)

Hiroaki Matsugi, Motoyuki Suzuki, Kyoko Kagohara, Kazuyuki Sakaguchi

*Recurrence of large-scaled debris flow occurred in Hiroshima City, 2014*

Motoyuki Suzuki, Kyoko Kagohara, Kazuyuki Sakaguchi, Hiroaki Matsugi

*Occurrence of slope failures and debris flow during the 2016 Kumamoto earthquake*

Jure Ofak, Sonja Zlatović, Igor Sokolić

*Ispitivanje ponašanja pijeska u troosnom uređaju. // Testing behaviour of sand in triaxial apparatus*

Francesco Castelli, Valentina Lentini, Pier Luigi Raviolo

*Dynamic characterization of the foundation soil in the enna area***CLOSING CEREMONY AND RETURN TO HOTEL TURIST****20:00 - 24:00** GALA DINNER