香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

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AGS (HK) Technical Seminar

supported by The Institute of Materials, Minerals and Mining

Geocomposite Drainage for Geotechnical and Tunnelling Applications

by

Goran Erak MSc Civil Eng
(Director of Civil Engineering ABG Geosynthetics)

Date : Thursday, 26 November 2026

Time : 18:30 – 19:30 (Hong Kong Time)

Venue : The webinar will be conducted through Zoom.

Successful applicants will be informed by emails with a Zoom's link to the webinar. Participants should arrange for their own device with a stable network environment to join the webinar.

Enquiry : agshk.org@gmail.com

Fee : Free of charge

Registration : https://www.ags-hk.org/event-details/geocomposite-drainage-for-geotechnical-and-tunnelling-applications
Please register by 18:30 on 26 November 2026. Successful applicants will receive webinar details after registration. CPD certificate will be sent to the attendees, who attended more than 80% of the webinar time, within 2 weeks after the webinar.

Book Prize : Professionals under 35 years of age are encouraged to submit a Book Prize Report (max. 500 words) on webinars and site visits arranged by AGS (HK).

Contributors to successful Book Prize Reports will be awarded a Book Prize that comprises of a book "Geology of Site Investigation Boreholes in Hong Kong" written by Chris Fletcher, and a coupon of HK$500 for Eslite Spectrum (誠品生活) or equivalent. The successful Book Prize Report will also be published on the AGS (HK) website to showcase your accomplishment.

Prior to report submission, please refer to the "The AGS Book Prize Reports – Assessment Framework"* on the AGS (HK) website. You may submit your Book Prize Report to our assessors by uploading the report file through the AGS (HK) website at https://www.ags-hk.org/book-prize. Should you have any questions, please contact us at agshk@meinhardt.com.hk.

***Link to the AGS Book Prize Reports – Assessment Framework:**
https://www.ags-hk.org/_files/ugd/521a4c_b9449603473248468744 1cf4ed4d0bf9.pdf

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Synopsis:

The presentation will focus on cuspated geocomposite drainage systems for earthworks, landfill, mining and tunnel applications, supported by project case studies.

Earthworks Drainage

Geocomposite drainage systems provide an efficient alternative to traditional granular drainage, reducing material use, installation time, cost and environmental impact.

Landfill Drainage

Geocomposites provide high-capacity drainage within landfill caps, controlling rainwater infiltration, maintaining soil stability on steep slopes and protecting the underlying geomembrane.

Mining

Applications include leak detection, drainage and remediation, providing effective water management and integrated drainage and containment solutions.

Tunnel Drainage

Preformed cuspated drainage systems provide effective groundwater management in tunnel walls and inverts. In invert applications, they can replace conventional crushed stone and pipe drainage, providing high flow capacity, rapid installation and improved resistance to calcification.

About the Speaker:

Goran is a Civil Engineer with over 30 years of experience in the design and engineering of landfill, mining, environmental, water, and geotechnical projects. He is the Director of Civil Engineering at ABG Geosynthetics, with global responsibility for the Civils and Environmental division, overseeing technical strategy, design development, and engineering support for major infrastructure and environmental projects. His role includes working closely with consultants, regulators, asset owners, and developers worldwide to develop and implement geosynthetic solutions.

His current work is primarily focused on the development of innovative, technically robust, and cost-effective geosynthetic systems for environmental and geotechnical applications, with particular emphasis on improving long-term performance, sustainability, and regulatory compliance.