

# “The design of drainage geocomposite for long term applications”

## Speaker:

Eric Blond, EB Consultants

<b>Date:</b>	Tuesday 14 <sup>th</sup> September 2021
<b>Meeting Link:</b>	<a href="#">Click here to enter the lecture</a>
<b>Start Time:</b>	18.00 (UK Time)

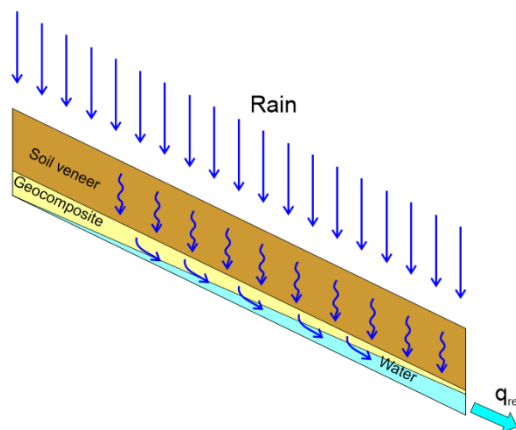
## Synopsis:

This webinar will introduce the current practice for testing and designing drainage geocomposites based on the current ASTM and ISO design guidance.

The different types of drainage cores currently available will be introduced: biplanar, triplanar or box-shaped geonets, multiline geocomposite drains, dimplesheets, geomats and structured geomembranes.

Laboratory test methods used to qualify the properties of these products will be described. The influence of boundary conditions, normal load, hydraulic gradient and seating time on the measured flow capacity will be discussed.

The concept of long-term flow capacity will be introduced, as described in GRI GC8, ASTM D7931 and ISO 18228-4 (in press). Methods used to determine the creep, biological and chemical reduction factors will be presented.



## About the Speaker:

Eric Blond is an independent consultant offering technical services to the geosynthetics and engineered construction material industries. His key expertise are soil filtration and drainage; durability of geosynthetics and polymeric construction materials; geosynthetics lining systems and materials, and other applications of geosynthetics.

Eric supports the IGS as a prime vehicle to improve the standing of geosynthetic technologies globally. He has been elected on the IGS Council in 2010 and 2014 where he served until 2016, and he currently chairs the Technical Committee on Hydraulics of the IGS.

Eric has authored more than 100 technical papers, conferences and courses. He is a lecturer at Ecole Polytechnique de Montreal, offers custom trainings on geosynthetics, and regularly contributes to pre-conference short courses.

Eric is actively involved in standardization activities since 20 years. He has held various leadership positions in both ISO TC221 and ASTM D35. In the field of hydraulic applications of geosynthetics, he has developed ISO 12958-2 on performance flow capacity of drainage geocomposites and ISO 18228-3 on designing for filtration. He has also contributed to the development of several ASTM Standards.



## Next IGS UK Event

Event: 21st BGA Invitational Lecture by Dr Russell Jones

Date: 12 October 2021 18:00 UK time

Online event

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