

# “The use of Geosynthetics in the Mining Environment”

## Speakers:

Nicola Brusa, Technical Manager, Maccaferri UK & Ireland  
 Dave Woods, Chief Civil Engineer, Low & Bonar UK  
 Andrew Belton, Associate Director, Wardell Armstrong

<b>Date:</b>	Monday, 06 November 2017
<b>Location:</b>	William Smith Building, Keele University, Keele Staffordshire ST5 5BG
<b>Arrival / Start Time:</b>	From 18.00 – Start: 19:00
<b>Refreshments:</b>	Yes and Buffet supper after the lecture

## Synopsis:



Mining is one of the oldest human activities; the first traces of activity are over 40,000 years old. The business of modern mining follows strict environmental, operational and remediation guidelines. These ensure that the mined area can recover to at least its original condition, and often better in many cases. Wherever your problem exists within the lifecycle of the mine, geosynthetic solutions can help. From access and materials handling infrastructure, rockfall hazard and erosion mitigation, product concentration and leachate storage, to dewatering and site remediation. The use of geosynthetics, man-made materials used to improve the properties of soils and rock, is swiftly growing in the mining industry. It is estimated that miners use about only 40% of the geosynthetics currently being manufactured and the demand is set to increase.

An overview and update on the designed geosynthetics solution available is presented.

## About the Speakers:

**Speaker 1:** Nicola Brusa MEng CEng MICE. Maccaferri UK. Nico is currently the Technical Manager for UK & Ireland. His broad experience using geosynthetics within the mining field captures diverse subject matter from; hydraulic and erosion control, vertical crusher MSE walls & geohazards, basal reinforcement for areas subject to subsidence.

**Speaker 2:** Dave Woods, Low & Bonar Geosynthetics. Dave is a Geotechnical Engineer with almost 25 years experience with specialist geotechnical contractors worldwide with a focus on geosynthetic solutions. Dave is presently the Chief Civil Engineer with geosynthetics manufacturer Low and Bonar promoting the appropriate use of geosynthetics within the industry.

**Speaker 3:** Andrew Belton MCIWM, Wardell Armstrong LLP. Andrew is currently an Associate Director and has over 15 years experience of design using geosynthetics with particular knowledge in the application of containment. Andrew has experience of working on projects across the world and has seen a range of geosynthetic applications.

## Next IGS UK Event...

**Title / Speaker:** ‘Geotextile Standards and B553’ by Ian Fraser  
**Date / Time:** Arrival 17:30, Start: 18:00 on Wednesday 13<sup>th</sup> December  
**Venue:** Geological Society, Burlington House, London W1J 0BD

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