

UNIVERSITY OF
BIRMINGHAM

Midland Geotechnical Society Meeting Notice

www.midlandgeotechnicalsociety.org.uk

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Contact Us

Honorary Secretary:
Scott O'Neill-Gwilliams
scott.oneill@aecom.com

Tel: 0121 2148194

Meeting Venue

Lectures start 7pm

Lecture Theatre G31, Dept of
Mechanical and Civil
Engineering, University of
Birmingham B15 2TT

Refreshments are available
prior to the meeting in the
Shell lounge, Department of
Mechanical and Civil
Engineering, from 6:15
onwards.

This lecture has been supported by sponsorship from:

Monday 4th February 2019

Gemma Sherwood, Senior Geologist, EDF Energy

Hinkley Point C



The Triassic to Lower Jurassic geology is not unusually complex, but understanding of the nature of its formation and the ground conditions is key to the construction of this New Nuclear Power Station. Each lithology has its own engineering challenges, which combined with the scale and complexity of the project itself have presented many challenges during construction. This talk will describe the construction of the HPC to date, the lithology, hydrogeology and structural geology encountered on site and the challenges that have arisen.



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About the speaker:

Gemma is a Chartered Geotechnical Engineer with 8 years' experience working for ground investigation contractors and geotechnical consultancies. Gemma is now working for EDF Energy on one of the largest construction projects in Europe; Hinkley Point C. Her role at HPC site involves technical surveillance on earthworks activities, foundation mapping, de-watering, slope stability, ground investigations and formation acceptance.



Upcoming lectures..

Monday 4th March 2019

Non-destructive Condition Assessment
Dr Asaad Faramarzi, University of Birmingham

Monday 1st April 2019

John Mitchell Award Lecture 2019
Ground treatment – from black art to fully engineered solution
Clif Kettle, Geotechnical Observations

Monday 13th May 2019

Annual General Meeting & Environmental Lecture
The use of geosynthetics in Environmental Applications
Dr Russell Jones, Golder Associates - IGS joint meeting