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North West Regional Group

# Meeting

Thursday 22<sup>rd</sup> March 2018

## Wylfa Newydd: Ongoing Ground Investigation for a New Build Nuclear Power Station

By Rob Hunt and Jeremy Jones, Atkins

Extensive ground investigations have taken place at the Wylfa Newydd site in Anglesey, north Wales, where Horizon Nuclear Power is planning a new build nuclear power station. Since 2010 there have been seven significant ground investigations for Wylfa Newydd, where approximately 530 boreholes have been drilled producing around 22,000m of rock core.



The presentation will focus on the most recent detailed onshore investigations which were carried out between 2014 and 2018, discussing the local geology, the drilling, logging and testing, including how and why a site-specific rock mass classification scheme was developed as part of the geotechnical engineering design.

*CPD: These events may be considered for contributing to a recognised Continuing professional Development (CPD) scheme as part of personal development. Delegates should check their individual scheme requirements.*

**Robert Hunt** BSc (Hons), MSc, DIC, CGeol, FGS is a Principal Geotechnical Engineer with Atkins. He is a chartered geologist with over 20 years of experience working on major projects in the UK and abroad. Robert has particular experience in nuclear new build, offshore renewables, offshore oil and gas, mass transit, building development, highways and water projects. He has been the Technical Team Lead on the Wylfa project since 2014.

**Jeremy S. Jones** BSc (Hons), EurGeol, CGeol, FGS is a Principal Engineering Geologist with Atkins. He is a chartered geologist with over 30 years of experience in engineering geology and geotechnical engineering in a variety of sectors working on major projects in the UK and abroad. Jeremy has particular experience in ground investigation, slope stability assessments, landslide investigations, geo-hazards and terrain evaluation. He has been the Site Operations Manager for the on-shore and over water ground investigations for the Wylfa Newydd project since 2014.

Lecture starts promptly at **6.30pm**

**Venue: CBB017 in the Best Building (Building 42 on attached map) on the Parkgate Road Campus (main campus) of the University of Chester CH1 4BJ**  
<http://www.chester.ac.uk/find-us>

**Organised by the North West group of the Geological Society of London**

For further information contact the group secretary, Catherine Kenny at:

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