

**Extractive Industry Geology Conference, 8-11 September 2010, SEES University of Portsmouth - Programme of Speakers**

<b>9 September CONFERENCE DAY 1</b>	
<p><b>LECTURE THEATRE A</b></p> <p>9.00 <b>Welcome and Introduction: Colin Comberbach, EIG 2010 Conference Chairman</b></p> <p>9.05 Opening Address: Professor Paul Hayes, Dean of Science, Univ. of Portsmouth</p> <p>9.10 A local perspective: geology around Portsmouth and southern England <i>Peter Hopson, British Geological Survey</i></p> <p>9.25 <b>The Ansel Dunham Lecture</b> Consulting geologists and the British extractive industries <i>Professor Geoffrey Walton, PGW&amp;A LLP and University of Leeds</i></p>	
<p>10.05 <b>Theme 1 : Energy and Carbon Footprint Issues in the Minerals Industry</b> <b>Chair: Colin Comberbach (Independent)</b> <b>KEYNOTE PRESENTATION</b></p> <p>10.05 Carbon reduction initiatives for the extractive industries <i>John Fifer, SKM Enviro on behalf of the Carbon Trust</i></p> <p>10.30 to 11.00 <b>Tea/coffee</b> - <i>with opportunity to view trade stands and posters</i></p> <p>11.00 Assessing and improving energy and carbon performance in the marine aggregates business <i>I Selby</i></p> <p>11.25 Aggregate carbon demand: the hunt for low-carbon aggregate <i>C Mitchell</i></p> <p>11.50 Opportunities for renewable technologies at quarry sites <i>P Ellis, N Healy &amp; C Leake</i></p> <p>12.15 Potential use of ground energy in the extractive industry <i>M Preene &amp; G Digges La Touche</i></p>	
12.40 to 13.45 <b>Lunch</b> - <i>with opportunity to view trade stands and posters</i>	
<b>Parallel Sessions</b>	
<p><b>LECTURE THEATRE A</b></p> <p>13.45 <b>Theme 2 : Geohazards and Geotechnics</b> <b>Chair: Craig Arditto (Tarmac)</b></p> <p>13.45 Assessment of rockfall risks associated with the continued use of wheeled loaders to load out blast piles at Hope limestone quarry <i>J Elvins &amp; M Pritchard</i></p> <p>14.10 Rock and soil slope stabilisation and protection best practice including international case histories <i>D Gibson</i></p> <p>14.35 Rock mass characterisation using the combined FracMan/ELFEN approach <i>N Ford &amp; M Cottrell</i></p>	<p><b>LECTURE THEATRE B</b></p> <p><b>Theme 3 : The Regulatory Burden on Mineral Extraction</b> <b>Chair: Alan Thompson (Cuesta Consulting/Capita Symonds Ltd)</b> <b>KEYNOTE PRESENTATION</b></p> <p>13.45 Aggregates and archaeology <i>Jon Humble, English Heritage</i></p> <p>14.10 Minerals policy in Britain: a metallic minerals perspective <i>P Lusty</i></p> <p>14.35 Implementing the Mining Waste Directive - minimising the burden and keeping the focus <i>N Wells</i></p>
15.00 to 15.30 <b>Tea/coffee</b> - <i>with opportunity to view trade stands and posters</i>	
<p>15.30 <b>(Theme 2 continued)</b></p> <p>15.30 The application of probabilistic risk assessment to tailings management facilities <i>H Culshaw &amp; G Digges La Touche</i></p> <p>15.55 The Avoca Mines - assessing the risk from an old Irish mine <i>A Cobb</i></p> <p>16.20 A case study on developing the operational standards of a Libyan quarry <i>E Vallance</i></p>	<p><b>(Theme 3 continued)</b></p> <p>15.30 The Environment Agency - protecting the environment or regulating what can easily be regulated? <i>M Pritchard</i></p> <p>15.55 Two tier consents for quarry discharges <i>L Clarke, J Dodds &amp; H Mayfield</i></p> <p>16.20 Evaluating decisions for aggregates working in designated areas since the introduction of MPS1 <i>E Bee, R Bate, D Jarvis &amp; P Devine-Wright</i></p>
16.45 <b>Close</b> - <i>followed by EIG Annual General Meeting - approx 30 minutes - all invited</i>	
<b>10 September CONFERENCE DAY 2</b>	
<b>Parallel Sessions</b>	
<p><b>LECTURE THEATRE A</b></p> <p>9.00 <b>Theme 4 : Military Applications for Extractive Industry Geology</b> <b>Chair: Duncan Wardrop (Lafarge Aggregates)</b> <b>KEYNOTE PRESENTATION</b></p> <p>9.00 Paving the way to victory: British military geology and quarrying from Normandy to northern Germany in World War II <i>E ("Ted") Rose, Royal Holloway, University of London</i></p> <p>9.30 Ordnance storage at the Fauld Gypsum Mine, Staffordshire <i>N Worley</i></p> <p>9.55 Military geology in the British Army: 1980 to present day <i>Major D Craig</i></p>	<p><b>LECTURE THEATRE B</b></p> <p><b>Theme 5 : Quarry Restoration &amp; Sustainability</b> <b>Chair: Emily Vallance (GWP Consultants LLP)</b></p> <p>9.00 Restoration of Eastgate Quarry, County Durham <i>J Elvins, D Beetham &amp; M Noble</i></p> <p>9.30 Making big profits from quarry redevelopment <i>D Atherton</i></p> <p>9.55 So, you have no soil for quarry restoration? <i>D Jarvis &amp; G Walton</i></p>
10.20 to 11.00 <b>Tea/coffee</b> - <i>with opportunity to view trade stands and posters</i>	
<p>11.00 <b>Theme 6 : Resources and Reserves</b> <b>Chair: Jeremy Elvins (Lafarge Cement)</b></p> <p>11.00 Mineral potential mapping – a new spatial decision support tool for industry and planners <i>T Brown</i></p> <p>11.25 A case study in sand and gravel assessment and extraction: we can do better – yes we can! <i>I Hill, K Jeffrey, A Hameed, D Wardrop, C Leech, D Hopkins &amp; J Chambers</i></p> <p>11.50 Developing a long term minerals planning strategy for the Mendip Hills: an ecosystems approach <i>A Thompson</i></p> <p>12.15 The application of Electrical Resistivity Tomography (ERT) for UK sand and gravel deposit assessment and quarry planning <i>J Chambers, O Kuras, P Meldrum, R Ogilvy, G Wealthall, A Weller, P Wilkinson, J Aumonier, E Bailey, N Griffiths, B Matthews, S Penn &amp; D Wardrop</i></p>	<p><b>Theme 7 : Innovation</b> <b>Chair: Clive Mitchell (British Geological Survey)</b></p> <p>11.00 Water recharge into the Magnesian Limestone aquifer <i>D Wardrop</i></p> <p>11.25 The potential respiratory hazard of quarrying and processing rhyolitic volcanic deposits <i>S Michnowicz</i></p> <p>11.50 Unmanned Aerial Vehicles (UAVs): geospatial data acquisition in mineral exploration and mining industry <i>D Craig</i></p> <p>12.15 Blasting in proximity to a World Heritage Site – a success story <i>W Birch, S Hosein &amp; S Tomkins</i></p>
12.40 to 13.45 <b>Lunch</b> - <i>with opportunity to view trade stands and posters</i>	
<p>13.45 <b>(Theme 6 continued)</b></p> <p>13.45 Victorian geological mapping and 21st Century data collection techniques used for quarry planning <i>D Jameson</i></p> <p>14.10 An update on studies into the accuracy of sand and gravel reserve calculations <i>D Wardrop</i></p> <p>14.35 Extracting marine aggregate resources from the Pleistocene Solent River east of the Isle of Wight <i>A Bellamy</i></p> <p>15.00 An integrated national approach to mineral resource assessments <i>T Bide &amp; C Wrighton</i></p> <p>15.30 <b>Summing up</b> <i>Colin Comberbach, EIG 2010 Chairman</i></p>	<p><b>(Theme 7 continued)</b></p> <p>13.45 Assessing the feasibility of underground mining of aggregates in southern and eastern England <i>D Millar &amp; T Brown</i></p> <p>14.10 Elemental chemistry of fugitive dusts from quarries and associated sites <i>M Fowler, H Datson &amp; B Williams</i></p> <p>14.35 Innovative approaches to engaging the public with quarries and quarrying activities <i>B Millar</i></p> <p>15.00 Towards a greener brick - the use of quarry fines and recycled glass powder <i>A Carp &amp; C Hallas</i></p>
15.45 <b>Close</b>	
15.45 <b>Tea/coffee</b>	