



Conference Schedule 14 November 2019

Registration
08.45-09.30

Welcome and Introduction

CL:AIRE - The 20 Year Story

Steve Edgar
VertaseFLI

Parallel Sessions 10.00

Innovation
Session

Sustainable Soils &
DoW:CoP Session

Closing Plenary

Communicating Geoscience

Professor Iain Stewart
University of Plymouth

Conference Close
17.30

Drinks & Canapé Reception
The Great Hall
17.30-20.00

REGISTER

£325 + VAT.

Principal Member (25%) and Supporter
Member (15%) discounts apply.
Closes 1 November 2019
www.claire.co.uk/conference20



VENUE

One Great George Street
London SW1P 3AA
Closest underground:
Westminster or St James's Park



TRAVEL

Public transport options for
getting around Central London
by taxi, bus or underground.
www.tfl.gov.uk/



CONTACT

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14 November 2019
Anniversary Conference
One Great George Street
London SW1P 3AA



Innovation Efficiency & Standards

Sponsored by:



Chairman's Welcome

One Great George Street, London SW1P 3AA

Dear Colleagues,

I am very pleased to invite you to attend the CL:AIRE 20th Anniversary Conference, which will be held in London on 14th November 2019.

The Conference is being held to celebrate CL:AIRE's 20th year anniversary and our industry's achievements over the two decades. As significant as these landmarks are we will even more importantly be looking to the future and the challenges we may face.

The Conference Programme is split between two lecture theatres, one focusing on technology and innovation in site investigation and remediation and the other on sustainable soil reuse and the Definition of Waste Code of Practice.

Due to the nature of the parallel sessions we hope to attract large audiences, we have space for over 200 delegates, and the event presents an ideal opportunity to meet colleagues, establish new friendships and cross-fertilise new ideas.

We have organised a drinks and canapé reception in the Great Hall at One Great George Street after the event for delegates to meet and share in our celebration.

We are especially grateful for our sponsors for without their support this conference would not have been possible.

Richard Froggatt
Chairman of CL:AIRE's Board of Trustees

CL:AIRE 20
LEADING SUSTAINABLE LAND REUSE 1999-2019

Sustainable remediation and biodiversity net gain

- Debunking myths about sustainable remediation - *Jonathan Smith, Shell Global Solutions (UK)*
- Lessons learned from biodiversity net gain and opportunities for managing complex legacy sites - *Tom Butterworth, WSP*

Site investigation & monitoring

- The Conceptual Site Model – the building block of sustainable remediation - *Alan Thomas & Kevin Leahy, ERM*
- New physics for mapping old problems - *Tim Grossey, RSK*
- Innovative LNAPL monitoring and modelling to aid design and delivery of remediation at an operational manufacturing site in the Midlands - *David Holmes & Giacomo Maini, Ecologia*

Data visualisation & interpretation

- Restoration of chlorinated solvent contaminated groundwater sites: The Value of Information Challenge - *Gary Wealhall, Geosyntec*

Remediation

- Recent advances in Subgrade Biogeochemical Reactor technology - *Jeff Gamlin and Claudio Albano, Jacobs*
- Remediation of aquitards - *Jim Wragg, Geosyntec*
- Looking forward for ground gas risk assessment – a new screening approach - *Steve Wilson, EPG*

Special session on PFASs

- Characterisation and risk management of PFAS in UK context - *Ian Ross, Arcadis*
- Use of colloidal activated carbon for the treatment of PFAS contamination - *Gareth Leonard, Regenesis*
- Low temperature thermal desorption of PFAS - *Jeff Gamlin, Jacobs*
- Developing a new treatment technology for destroying PFAS (DE-FLUORO™) - *Rick Parkman, AECOM*
- Smouldering combustion for treating PFAS - *David Major, Savron*

Innovation Session



Sustainable Soils & DoW:CoP Session

Standards, Quality and Processes

- Industry perspectives on DoWCoP and its regulation - *Seamus Lefroy-Brooks, LBH Wembley*
- DoW CoP Audit results, standards & next steps - *Nicholas Willenbrock, CL:AIRE*

Case Studies / Lessons Learnt - examples of best practice and novel applications of DoW CoP.

- HS2 Enabling Works Contaminated Land - *Richard Clayton, WSP*
- The use of intelligent plant to plan and control complex materials management on construction sites - *James Cartwright, Geostream UK*
- The Avenue Former Coking Works Remediation and Regeneration Project (1999-2018) / Verification and DoW CoP - *Martin Westwood, Jacobs*
- Maximising the Sustainable Re-use of Landfill Materials on Brownfield Sites using DoW CoP – Successful Applications & Lessons Learned - *George Evans, Soilfix*

International & Future Thinking - overseas examples of success & new areas of research

- Grondbank & Tracimat - creating a circular economy and future urban mining in Belgium - *Marc Dillen, Grondbank & Tracimat*
- Soils Manufacture - FAB Soil - *Mark Fitzsimons & Kate Schofield, University of Plymouth*
- A QP's perspective on DoWCoP: the good, the bad and the ugly - *Liz Gray, Atkins*
- Sustainability benefits and the value added of recycling excavated site materials - *Paul Bardos, r3 Environmental Technology Ltd*
- STFs in the UK - experience to date, future options?
- Open discussion session