

## **YCLF - Agenda**

**Professional development 1<sup>st</sup> YCLF Online event  
25th September 2020**

**Please join meeting from your computer, tablet or smartphone.**

<https://www.gotomeet.me/yclforum2020/yclfseptember2020---young-professionals>

**Access Code: 378-890-845**

New to GoToMeeting? Get the app now and be ready when your first meeting starts:

<https://global.gotomeeting.com/install/378890845>

The presenting times are approximate giving time between presenters to address any technical difficulties, please bear with us. The conference will not run longer than 12.30 but is likely to finish earlier if all runs smoothly.

### **10.00 – 10.15 – Registration and welcome – Julia Reynolds NHBC**

#### **10.15 – Tom Hartley, Arup**

*The Festival Gardens site is a strategically important housing development for Liverpool. The remediation strategy addresses the challenges presented by the site's former use as a landfill and has been informed by extensive characterisation and risk assessment.*

#### **10.30 – Lewis Whiteley, Lithos Consulting**

*The legacy of coal mining creates challenges for regeneration across Yorkshire, failing to properly characterise these risks can result in uncertainty and ultimately structural failure.*

#### **10.45 – Candace Jackson, Wood Plc**

*Obtaining representative and reliable field data is an essential part of any successful site investigation. This presentation discusses a tried and tested methodology used to obtain high quality ground permeability data using the slug test method.*

#### **11.00 – Becky Cooke, Aecom**

*Considering the use of Flux cartridges in an ground investigation - how to install and the benefits of using cartridges to plot contaminant movement, looking at how this data can support DQRA.*

#### **11.15 – Madeline Coyle, Network Rail**

*As we enter the Autumn period, leaf contamination becomes a factor of track circuit failure resulting in the assets requiring more attention. This presentation will highlight the use of Remote Condition Monitoring on railway infrastructure which can predict and prevent failures of our assets as well as reducing our maintenance footprint.*

#### **11.30 - Jordon Weddepohl, Arup**

*The Department for Business, Energy and Industrial Strategy (BEIS) appointed Arup to develop city decarbonisation delivery plans. One aspect considered for Leeds is the potential for increased use of ground source energy considering closed loop boreholes, open loop boreholes and mine energy, presented as a series of maps to inform pre-feasibility assessment of candidate sites.*

#### **11.45 – Alex Petts, Lithos Consulting**

*Internationally designated SSSI's are important receptors that must be considered prior, during and post development. Understanding the ecological designations informs the consideration of plausible linkages, risk assessment and mitigation measures.*

#### **12.00- Lauren Tomlinson, Ebsford**

*Invasive species are a challenge for most redevelopment projects. This presentation sets out a roadmap to invasive species management*

#### **12.15– Abigail Brooks, Vertase**

*Landfill Remediation – Waste as a Resource'. The presentation will summarise remediation of a historic landfill in Bristol into a development platform for houses and community areas, including details on the re-use/recycling of materials resulting in zero waste go to landfill.*



**Tom Hartley MSc FGS Geo-Environmental Engineer Arup**

*Tom has worked in the industry for 5 years as a geoenvironmental engineer. Whilst at Arup he has been working on the Liverpool Festival Gardens site which is the topic of his presentation.*

**Lewis Whiteley, Senior Engineer Lithos Consulting**

*Lewis studied geology at University of Leeds and has worked for Lithos Consulting for nearly 5 years since graduation, currently in the position of Senior Engineer. Lewis primarily works in site investigation of greenfield and brownfield sites and also has experience of treatment of shallow mineworkings via drilling & grouting.*

**Candace Jackson - MSc Geology (Hons), Consultant at Wood Environment & Infrastructure Solutions UK**

*Candace has been working as an environmental consultant for the past 6 years after attaining an undergraduate masters in geology. She spent her first 4.5 years providing services to residential developers before moving into the commercial sector and Wood in 2019.*

**Rebecca Cooke - BSc (Hons), is a Graduate Environmental Scientist with AECOM**

*Becky is based in the Leeds office as a Graduate Environmental Scientist, in the Environmental Liability Solutions team. Becky has been with AECOM for a year and prior to that did a placement year at WYG in their Contaminated land department. Becky has completed water and gas monitoring as well as Phase 1 and Phase 2 report writing. She is currently on a secondment to AECOM's Ecology department, conducting ground level Bat roost assessment of trees for HS2.*

**Madeline Coyle - Network Rail**

*Maddie, - is an electrical engineering graduate at Network Rail. She is currently work at a maintenance depot in Leeds. As a recent graduate she is really enjoying the variety of work at the depot and opportunities to see real life engineering on the railway.*

**Jordon Weddepohl - Geoenvironmental Engineer at Arup**

*Jordon has worked at Arup for 2 years as a geoenvironmental engineer / geologist, joining as a graduate after graduating from Imperial College London with a Geology master's degree. Since starting he's been fortunate to work on a range of UK and international projects concerning land contamination; and most recently ground source heat pump systems – which will be the focus of his presentation*

**Alex Petts, Graduate Engineer Lithos Consulting Ltd**

*Alex, is currently a Graduate Geoenvironmental engineer who has worked at Lithos Consulting for just over a year. So far he has had experience primarily on greenfield sites, but is starting to work on more complex brownfields. His presentation will be looking at SSSI's as a nonstandard receptors, how these could affect site investigations and what we should be considering from an SI point of view.'*

**Lauren Tomlinson, BA (Hons) CSJK Graduate Consultant Ebsford Environmental Ltd**

*Lauren has worked at Ebsford for almost 3 years as a Graduate Consultant. She provides advice to clients on best industry practice for ecological remediation solutions, specifically invasive vegetation management, specialising in Schedule 9 invasive species.*

**Abigail Brooks, Vertase**

*Abi is a Project Environmental Engineer with VertaseFLI. To date her experience focuses on remediation of brownfield land for future development, which decreases the need for encroaching on Greenfield space. She has spent the past two years working on the remediation of a landfill in Bristol which is the topic of her presentation.*