

SESSION 5

Natural Source Zone Depletion (NSZD)

TUESDAY 17 SEPTEMBER

11:30 – 13:30 CEST (Central European Summer Time)

ONLINE

Opening

11:30 Introduction from the Chairs

Nicola Harries (CL:AIRE) Marco Falconi (Remtech Europe)

11:40 Natural Source Zone Depletion (NSZD)

James Rayner (Geosyntec, CL:AIRE)

13:20 Panel discussion, stakeholders questions and wrap up, *Nicola Harries (CL:AIRE)*

13:30 *End of the Training*

Register yourself in the Google form <https://forms.gle/hraeTcck4GSMS8DL7>

Natural source zone depletion (NSZD) can be a sustainable risk-management strategy for petroleum hydrocarbon light non-aqueous phase liquids (LNAPLs) impacting the subsurface. NSZD refers to the combination of naturally occurring processes – biodegradation, vaporisation, volatilisation and dissolution – that act to reduce LNAPL mass, saturation and mobility in the subsurface.

Recent advances in NSZD are captured in this CL:AIRE document (download here for free (<https://claire.co.uk/component/phocadownload/category/22-important-industry-documents?download=992:nszd-guidance>), alongside a decision-making framework, to provide technical guidance for practitioners, regulators and liability owners on the science and practical considerations for the application of NSZD-based risk management strategies



James Rayner -
Geosyntec, CL:AIRE