

## SESSION 4

# Monitored Natural Attenuation (MNA)

TUESDAY 17 SEPTEMBER  
09:00 – 11:00 CEST (Central European Summer Time)

**ONLINE**

### Opening

**09:00** Introduction from the Chairs

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

**09:10** Monitored Natural Attenuation (MNA)

*James Rayner (Geosyntec, CL:AIRE)*

**10:50** Panel discussion, stakeholders questions and wrap up, *Nicola Harries (CL:AIRE)*

**11:00** *End of the Training*

Register yourself in the Google form <https://forms.gle/txxdkSxvREu5FMfE6>

Monitored natural attenuation (MNA) can be a sustainable risk management strategy for a wide range of groundwater contaminants, where environmental data are collected and assessed that demonstrate natural attenuation will protect receptors from pollution or harm. Natural attenuation refers to the combination of physical, chemical and biological processes that act, without human intervention, to reduce contaminant concentrations, flux or toxicity.

Significant scientific advances have been made in understanding contaminant behaviour and reactive transport in the subsurface, alongside ongoing developments in site characterisation, monitoring and predictive modelling approaches and technologies, that are captured in this updated guidance (Download the here for free (<https://claire.co.uk/component/phocadownload/category/22-important-industry-documents?download=993:mna-guidance>))



James Rayner -  
Geosyntec, CL:AIRE