

Summary of SERG Meeting 10th April 2018

Aquifer Storage & Recovery: Engineering Water Resources for Climate Resilient Public Water Supply

April's meeting of the Geological Society's South East Regional Group was held at AECOM's offices in Croydon.

Continuing the Geological Society's 2018 "Year of Resources" theme, Dr Mike Jones, Thames Water's "Water Resources & Process Modelling Lead" presented an interesting and thought provoking talk about Aquifer Storage and Recovery, with emphasis on engineering water resources for climate resilience. Mike discussed Thames Water's managed aquifer recharge (MAR) scheme and how Thames Water are testing an aquifer storage and recovery (ASR) system in the confined Lower Greensand aquifer in Kent. The system involves the removal of water from the unconfined aquifer within the chalk strata, which is then pumped back into the confined aquifer of the Lower Greensands, which are overlain by the Gault Clay aquiclude.

The talk was well attended by members of the regional group as well as a number of staff from the local water companies.