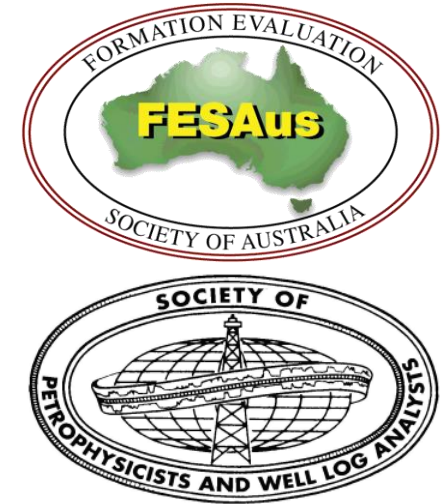


# FESAus Monthly Technical Meeting

Tues 13<sup>th</sup> May | 12:00-13:30 | Faraday's 'Stateroom' (216 St Georges Tce, Perth WA 6000)

## *“The Role of Petrophysics in CCS”*

John Bretherton (Woodside Energy Ltd.)



### **Abstract:**

Petrophysical interpretation and modelling plays a key role in assessing storage capacity, injectivity, sealing capacity and ongoing conformance monitoring for a CCS project.

This talk will provide an overview of key areas where reservoir and fluid property characterisation and uncertainty could be implemented in a given CCS project. The key Petrophysical aspects of site assessment, basis for well design data acquisition, abandonment, well integrity and ongoing monitoring will be covered. As part of an integrated subsurface team how best can the Petrophysicist support – storage capacity assessment, injectivity / reservoir efficiency estimation, containment sealing properties / capacity, ongoing surveillance and abandonment requirements?



### **About the Presenter:**

**John Bretherton** has been a Petrophysicist for 20 years gaining experience in Africa, North America, Southeast Asia and Europe working with Marathon Oil and Canadian Natural Resources before moving to Australia in 2016 joining Woodside Energy Ltd. John has worked on most aspects of the hydrocarbon value chain from exploration through to development and decommissioning and is currently the Lead Petrophysicist within Woodsides New Energy – Carbon Team, supporting the energy transition through CCS site assessment and supporting Green House Gas (GHG) title management.

**Tickets:** Flat Charge \$30.00; Purchase [here](#) from now until 7th May, no tickets will be available at the venue.

**Interstate Attendees** may join via virtual link which will be provided on request to [webmaster@fesaus.org](mailto:webmaster@fesaus.org) No discount is offered for virtual attendance at this time.