Announcement of Joint Session of WP13, WP 24 and TF on “CO₂-Corrosion in Sub-surface Facilities”

Due to similar conditions for CO₂-Injection for CCS and EOR as well as for Geothermal applications in certain regions, the mechanisms and challenges for materials and equipment are often comparable.

Regarding corrosion, CO₂ and associated media can interact with the materials applied. Therefore, the selection of appropriate materials and understanding of the mechanisms are key factors to increase the safety and reliability of sub-surface equipment.

The working parties and task force usually dealing with these situations want to bring together experts of all 3 sectors in order to provide an interdisciplinary information and expertise exchange. Open questions can be addressed, and possible solutions provided.

Ralph Bäßler, Chair WP24: CO₂-Corrosion in Industrial Applications
Marc Wilms, Chair WP13, Corrosion in Oil and Gas Production
Steve Paterson, Chair TF Corrosion in Green and Low Carbon Energy Technologies

Expected duration: 1/4 day
Expected audience: 70-80 attendees