

Experimental approach to evaluate durability of formation barrier against super critical carbon dioxide; part 2

Sumihiko Murata[1]; Akikazu Kawasaki[1]; Naoto Sugiyama[2]; Daisuke Tanaka[3]; Yasuhiro Yamada[1]

[1] Civ. Earth Res. Eng., Kyoto Univ.; [2] Global Eng., Kyoto Univ.; [3] Civil and Earth resources Eng., Kyoto Univ

<http://earth.kumst.kyoto-u.ac.jp/>

In order to prevent possible leakage of carbon dioxide injected into underground reservoir, experiments are essential to evaluate the durability of formation barrier against super critical carbon dioxide. Our preliminary results suggest that considerable degradation was observed in the specimens.