

Experimental approach to evaluate durability of formation barrier against super critical carbon dioxide; part 1

Yasuhiro Yamada[1]; Akikazu Kawasaki[1]; Naoto Sugiyama[2]; Daisuke Tanaka[3]; Sumihiko Murata[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. This paper presents current results of our experiments.