

Stanford



Manju Pharkavi Murugesu

Ph.D. Student in Energy Resources Engineering, admitted Autumn 2019

Bio

BIO

PhD in Energy Resources Engineering with SUPRI A

Advisor: Dr. Anthony Kovscek.

Research Interest: CO₂ Storage, Super Resolution Neural Network, Core Imaging, Reservoir Simulation, CCUS, Rock Physics, Reservoir Engineering

Publications

PUBLICATIONS

- **Carbon storage capacity of shale formations: Mineral control on CO₂ adsorption** *INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL*
Murugesu, M., Joewondo, N., Prasad, M.
2023; 124
- **Mixed imbibition controls the advance of wetting fluid in multiscale geological media** *Advances in Water Resources*
Kurotori, T., Murugesu, M. P., Zahasky, C., Vega, B., Druhan, J. L., Benson, S. M., Kovscek, A. R.
2023