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**Nick Malkewicz**  
**President, Projeo**

## Publications

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1. Jello, J., Khan, M., Malkewicz, N., Whittaker, S., & Baser, T. (2022). Advanced geothermal energy storage systems by repurposing existing oil and gas wells: A full-scale experimental and numerical investigation. *Renewable Energy*, 199, 852-865.
2. Khan, M., Koenig, J., Malkewicz, N., & Payne, W. G. (2021). *Project Risk Assessment and Monitoring Report* (No. DOE-FE0029381-2). Univ. of Illinois at Urbana-Champaign, IL (United States).
3. Malkewicz, N., Baser, T., & Whittaker, S. (2021). *Oilwell Conversion (Well API 121913310501) to Geothermal Heat Storage Well for Flexible Electricity Storage* (No. 1354). USDOE Geothermal Data Repository (United States); Univ. of Illinois at Urbana-Champaign, IL (United States).
4. Malkewicz, N. (2020). *Well Testing Operations for TR McMillen# 2 Drilled in CarbonSAFE Illinois-Macon County* (No. DOE-FE0029381-8). Univ. of Illinois at Urbana-Champaign, IL (United States).
5. Locke, R., Iranmanesh, A., Wimmer, B., Kirksey, J., Malkewicz, N., & Greenberg, S. (2018, October). Verification Well# 1: How a Deep Monitoring Well Was Used and Adapted to Meet the Evolving Monitoring Needs and Challenges at the Illinois Basin–Decatur Project. In *14th Greenhouse Gas Control Technologies Conference Melbourne* (pp. 21-26).
6. R Locke, I. I., Iranmanesh, A., Wimmer, B., Kirksey, J., Malkewicz, N., & Greenberg, S. (2018). Verification Well how a deep monitoring well was used and adapted to meet the evolving monitoring needs and challenges at the Illinois Basin-Decatur Project. In *GHGT-14, Greenhouse gas control technologies conference 14* (p. 12).
7. Malkewicz, N. (September 19, 2017). Operational Update. Midwest Geological Sequestration Consortium Project Advisory Group Science Conference. Champaign, IL. [http://sequestration.org/resources/PAG2017Presentations/04-MGSC\\_2017\\_PAG\\_IBDP-Malkewicz.pdf](http://sequestration.org/resources/PAG2017Presentations/04-MGSC_2017_PAG_IBDP-Malkewicz.pdf)
8. Malkewicz, N. (May 17, 2016). Illinois Basin – Decatur Project: Post Injection Monitoring. Midwest Geological Sequestration Consortium Project Advisory Group Science Conference. Champaign, IL. [http://sequestration.org/resources/PAGMay2016Presentations/07b-Malkewicz\\_2016\\_PAG\\_Post\\_Injection\\_Monitoring.pdf](http://sequestration.org/resources/PAGMay2016Presentations/07b-Malkewicz_2016_PAG_Post_Injection_Monitoring.pdf)
9. Zakharova, N. V., Goldberg, D., Collins, D., & Malkewicz, N. (2015, December). Geomechanical and Petrophysical Properties of Rift Basin Mudstones. In *AGU Fall Meeting Abstracts* (Vol. 2015, pp. MR41C-2664).
10. Malkewicz, N., Kirksey, J., & Finley, R. (2015). *Drilling, Completion, and Data Collection Plans An Assessment of Geological Carbon Sequestration Options in the Illinois Basin: Phase III*. University Of Illinois. <http://www.osti.gov/scitech/biblio/1222708>
11. Kirksey, J., Ansari, S., Malkewicz, N., & Leetaru, H. (2014). *An Evaluation of the Carbon Sequestration Potential of the Cambro-Ordovician Strata of the Illinois and Michigan Basins*. University Of Illinois. <http://www.osti.gov/scitech/biblio/1167491>
12. Jim Kirksey, Sajjad A. Ansari, Nick Malkewicz. *Wellbore Management and Geomechanical Input*. s.l. : Schlumberger Knox. Project Task 2a and 2b Final Report prepared for ISGS, 2013.

13. Verma, S., Oakes, C., Ramakrishnan, T. S., Malkewicz, N., Hosseini, S. A., & Hovorka, S. D. (2011). Carbon dioxide sequestration at Cranfield—analysis of injection and observation well fluid pressure, temperature and density measurements. In *Ninth Annual Conference on Carbon Capture and Sequestration, DOE/NETL, Pittsburgh, Pennsylvania*.
14. Butsch, R., Malkewicz, N. (2010, May). Using Pulsed Neutron Measurements to Monitor CO<sub>2</sub> Movement Post Injection. Poster presented at the 9th Annual Conference on Carbon Capture & Sequestration, May 10 to 13, 2010, Pittsburgh, PA.
15. Malkewicz, N. (May, 2010). Ultrasonic Cement Evaluation in Fiberglass Casing and Applications in Geologic Sequestration of CO<sub>2</sub>. Presented and published at the Ninth Annual Conference on Carbon Capture & Sequestration. Pittsburgh, PA.
16. Druschitz, A. P., Folz, H. L., DeVor, D., Kapoor, S., Balasubramanian, A., Bronk, K., ... & Hegde, P. (2005). *Machinability of MADI<sup>4</sup>* (No. 2005-01-1684). SAE Technical Paper