



Okwen

Roland Okwen '09 Awarded U.S. Dept of Energy Grant

TAMPA, Fla (September 28, 2012) Roland Okwen, a PhD graduate in the Department of Civil and Engineering and Reservoir Engineer at the University of Illinois at Urbana-Champaign's Illinois State Geological Survey, is the principal investigator of a grant from the U.S. Department of Energy's National Technology Laboratory (NETL). The total amount of the project titled "Assessing Reservoir Depositional Environments to Develop and Quantify Improvements in CO₂ Storage Efficiency: A Reservoir Simulation Approach" is \$1,040,410 over three years.

The goal of the DOE funded project is to identify means of improving CO₂ storage efficiency and plume distribution for varying degrees of heterogeneity in geologic reservoirs of different depositional environments identified by DOE as promising storage formations.

Okwen received his Ph.D. in December 2009 under the supervision of Jeff Cunningham, associate professor in the Department of Civil and Environmental Engineering.

[National Energy Technology Laboratory](#)

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