



# American Chemical Society Symposium

## Greenhouse Gas Capture and Sequestration *Sequestration*

March 25<sup>th</sup> – 29<sup>th</sup>, 2007, Chicago, IL  
233<sup>rd</sup> American Chemical Society (ACS) National Meeting  
Sponsored by the ACS Fuel Chemistry Division  
**\* Preprints due on-line by November 17, 2006 \***

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### Call for Papers

The symposium will focus on challenges remaining for large scale geologic storage of carbon dioxide and other greenhouse gases. These include understanding the geochemical interactions that affect the capacity or permanence of geological sequestration of carbon dioxide and other greenhouse gases, developing viable techniques for monitoring leakage from geologic storage, and understanding the potential for unintended impacts of storage or leakage on ground water. Papers should address new research or novel approaches that provide prospective benefits for greenhouse gas storage. Topics include, but are not limited to:

- ❖ The interaction of carbon dioxide with the geomechanics of the storage geology
- ❖ Finger printing of carbon dioxide to assess sources and a pathway for monitoring and storage site evaluation
- ❖ Understanding how including other entrained gasses or particulates with CO<sub>2</sub> would change the geochemistry and viability of storage
- ❖ The impacts on sequestration on groundwater

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#### On-line Submissions:

On-line submission of both an abstract and a preprint are required on-line at the ACS OASYS website: <http://oasys.acs.org/oasys.htm>  
Instructions and the preprint template are available at ACS Fuel Chemistry Division website: <http://www.anl.gov/PCS/acsfuel/preprintinfo.html>

In addition, please contact one of the co-chairs for inquiries and submissions:

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