

CO₂ Book Committee Report

October 31, 2006

Committee Chair: Matt Grobe

Committee Members: Jack Pashin, Rebecca Dodge, Andrew Scott, Robert Menzie

Since its inception a number of years ago, the goal of this committee has been to facilitate the production of an AAPG publication on CO₂ sequestration, a subject that many members and affiliates of the American Association of Petroleum Geologists (AAPG) have an immediate interest or are directly involved in. This year, we finally made significant headway in achieving this goal.

A call for contributions was issued on April 6, 2006 with a deadline of May 31, 2006 for submission of tentative titles and abstracts. With a total of 57 proposed contributions from all over the world, the response can only be considered phenomenal!

Based on the proposed contributions, a book proposal was submitted to the AAPG Geoscience Director and forwarded to the AAPG Publications Committee in August. We received official approval of the proposal along with very positive and encouraging comments in early September.

The compilation will consist of new material in the area of CO₂ geological storage from research programs, pilot demonstration projects and commercial applications in oil and gas reservoirs, saline aquifers and deep coal beds. It will include regional assessment studies on suitability and storage capacity as well as project-specific studies on site selection, baseline characterization, operation and performance. Overall it will present a well rounded cross-section of state-of-the-art knowledge, experiences and current challenges in the rapidly growing field of carbon dioxide sequestration in geological media.

The editorial team is led by Matthias Grobe and currently consists of Jack C. Pashin, Rebecca L. Dodge, Andrew Scott and Robert Menzie.

The intent is to have the publication compiled and ready to hand over to AAPG publications no later than the spring of 2007, before the next AAPG Annual Convention in Long Beach, California. The compilation is proposed as an EMD-DEG-AAPG publication and hopefully can be offered in hardcopy print as well as digital (i.e., CD-ROM). A publication date has not yet been set (too early in the process...).

The Energy Minerals Division (EMD) has budgeted \$5,000 in its FY 2007 budget to support the production of this volume. The Division of Environmental Geosciences (DEG) has apparently received a \$5,000 grant from the AAPG foundation. AAPG is open to considering a different revenue sharing agreement than the usual 80/20 (AAPG/Divisions) if the Divisions are able to provide sufficient funds to help offset the production costs. EMD is currently making efforts to find sponsors for the book.

The committee has secured at least one technical reviewer from outside the author group for the compilation for the expected manuscripts. Manuscripts are currently being submitted; eight manuscripts had been submitted already prior to the official submission deadline of November 01. Some delays are expected, but we hope to have the bulk of the manuscripts through the review process by the end of this calendar year.