

June 26, 2013

IEAGHG Weyburn-Midale CO₂ Monitoring and Storage Project Releases Two Important Publications Summarizing Final Results

Best Practices Manual and Special Supplement of the International Journal of Greenhouse Gas Control Provide 12 Years of Ground-breaking Research from the Largest Carbon Dioxide Storage Project in the World

Since 2000, the IEAGHG Weyburn-Midale CO₂ Monitoring and Storage Project has been a world leader conducting research into, and the deployment of, effective and safe measurement and monitoring technologies for the geological storage of carbon dioxide (CO₂). The research project, managed by the Petroleum Technology Research Centre, has examined the storage of nearly 25 million tonnes of CO₂ into two oil reservoirs in southeastern Saskatchewan, including research that is essential for other CO₂ storage projects planned worldwide.

Best Practices for Validating CO₂ Geological Storage: Observations and Guidance from the IEAGHG Weyburn-Midale CO₂ Monitoring and Storage Project, is now available from Geoscience Publishing, and offers guidance in most key areas of storage projects based on Weyburn-Midale findings. These include:

- Characterizing the site, to make sure it is safe for long term geological storage.
- Predicting the movement and storage of the CO₂ in reservoirs.
- Monitoring of groundwater and soils above the site to assure CO₂ has stayed deep underground.
- Using four dimensional seismic monitoring, and downhole monitoring methods, to verify where the CO₂ is in the reservoirs.
- Examining wellbores to assure they remain safe and secure.
- Examining potential risks from CO₂ storage to demonstrate the safe nature of the project.
- Conducting public outreach and education in the local communities and across Canada to explain the project and why CO₂ storage is important.

In June of this year, a companion scientific publication – a special issue of the ***International Journal of Greenhouse Gas Control: The IEAGHG Weyburn-Midale CO₂ Monitoring and Storage Project*** – was published by Elsevier periodicals. This expansive collection of research papers provides detailed technological information and data from the project.

The PTRC is pleased to be able to provide these two important documents from the largest research project in the world dedicated to CO₂ storage, and thanks all the international sponsors – governments, private companies and research organizations – that contributed their expertise and financial resources.

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Order Information

Best Practices for Validating CO₂ Geological Storage: Observations and Guidance from the IEAGHG Weyburn-Midale CO₂ Monitoring and Storage Project

Available from: Geoscience Publishing, 2012

<http://www.geosciencepublishing.ca/>

ISBN: 978-0-9680844-7-2 Retail Price: \$80.00 (US funds)

International Journal of Greenhouse Gas Control: The IEAGHG Weyburn-Midale CO₂ Monitoring and Storage Project

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Order direct on-line at www.sciencedirect.com

For more information, contact the PTRC.

Norm Sacuta

Communications Manager

Petroleum Technology Research Centre

306.787.7497

(cell) 306.502.2101

norm.sacuta@ptrc.ca

www.ptrc.ca