



From the CAGS team

Dear CAGS partners, associates, and interested readers,

Welcome to the second issue of the CAGS newsletter!

The CAGS newsletter is released periodically to update you on project news, activities and upcoming events. The newsletter will be available on our website, or you can [subscribe](#) to receive it by email.

For the overview of the project, please visit our website, www.cagsinfo.net.

To contact us directly with any queries or comments, please email us at info@cagsinfo.net.

We look forward to your continued interest in our project.

Sincerely,

The CAGS Project Team

Headlines

- *Workshop Two, Improving the capability of China for CO₂ aquifer storage* will be held in Wuhan, China from 27 -29 October 2010. Participation in the Workshop is by invitation however we will make the content available on our website. Please contact us at info@cagsinfo.net if you are interested in participating.
- *CCS School on Geological Storage of CO₂* will be held in Wuhan, China from 30 October -3 November 2010. Participation in the CCS school is by invitation. Please contact us at info@cagsinfo.net if you are interested in participating.
- CAGS sponsorship is available for selected Chinese researchers and students wishing to attend GHGT10 and other significant conferences. For more details and to apply, contact us at info@cagsinfo.net.

Project Updates

The focus for the CAGS team over the past few months has been on planning and organising the second workshop and CCS school, implementing research projects and establishing the exchange program for Chinese students and researchers.

Technical Workshop 2: Improving Capability of China for CO₂ Aquifer Storage

The second technical workshop will be held in China from 27-29 October 2010. The workshop will be hosted by the Institute of Rock and Soil Mechanics at the Chinese Academy of Science with assistance from the Administrative Centre for China's Agenda 21 and Geoscience Australia. Through the workshop we will bring together participants from academia, industry and government to share knowledge about the latest progress and trends in the field of CO₂ geological storage, and of course to build networks.

Participation in the Workshop Two is by invitation. Please contact us at info@cagsinfo.net if you are interested in participating. Presentations will be made available online after the workshop.

School on Geological Storage of CO₂

We are organising a school on geological storage of CO₂, to be held in Wuhan, China from 30 October-3 November 2010. The school will be hosted by Institute of Rock and Soil Mechanics (Chinese Academy of Science) with assistance from ACCA21 and GA. The school is targeting tertiary and graduate students and early career professionals working in or interested in geological storage. About 33 students, 25 from China and 8 from Australia will be invited to participate in this school.



Wuhan, China

Participation in the CCS School is by invitation. Please register your interest in participating by contacting us at info@cagsinfo.net.

Student and Researcher Exchange

A key aspect of our capacity building work is to encourage Chinese researchers and students to work with participating organisations in Australia on geological storage projects or projects with a storage focus. Over the past few months we have been working on the establishment of the exchange program.

Four researchers and two students from China have so far been identified for exchange to Australia. Placements with Australia's Commonwealth Scientific and Industrial Research Organisation (CSIRO), the Cooperative Research Centre for Greenhouse Gas Technologies (CO2CRC) and universities are currently under discussion. The exchanges are expected to take place early next year.

Chinese researchers attend international conferences

One of the primary aims of CAGS is to foster international collaboration and networks among researchers in CCS. During the past three months, a researcher from the China University of Petroleum attended the SEG Forum on CO₂ EOR and Sequestration in Boston, USA from 18th-21st July 2010 and two Chinese PHD students, one from China University of Petroleum and the other

from China Academy of Sciences, visited Geoscience Australia. This brings the total number of researchers supported through CAGS to ten.



Two Chinese students with Australian colleagues



A tour of Laboratory

Over the coming months we will be supporting several Chinese researchers to attend:

- The 10th International Conference on Greenhouse Gas Technologies in Amsterdam, Netherlands, in 19-23 September 2010; and
- National CCS Week conference and events in Melbourne, Australia, in late November and early December 2010.

Initiation of Research Projects

We have developed and initiated three research projects in China on aspects of geological storage of carbon dioxide. The research projects commenced in July and are expected to complete by December 2011.

Research Project 1: Site Selection Methodology and Criteria for CO₂ Geological Storage.

- The project is led by the Centre for Hydrogeology and Environmental Geology (Chinese Geological Survey) with partners including Tsinghua University, Institute of Geology and Geophysics (Chinese Academy of Sciences), Institute of Rock and Soil Mechanics (Chinese Academy of Sciences).

Research Project 2: Selection Criteria of Oil/Gas Reservoirs for CO₂ EOR and Storage.

- Led by China University of Petroleum. The project intends to develop selection criteria of oil/gas reservoirs for CO₂ EOR and storage, including geological characteristics, Oil/gas reservoirs characteristics; Oil/water/ CO₂ properties in the reservoir and CO₂ /water/rock interaction.

Research Project 3: Studies of Environmental Impact and Risk Management of CO₂ Storage.

- Led by Chinese Academy of Environmental Planning, Ministry of Environmental Protection with partners including the Institute of Rock and Soil Mechanics (Chinese Academy of Sciences), Tsinghua University and the Centre for Hydrogeology and Environmental Geology (China Geological Survey).

Upcoming CAGS Events

27-29 October 2010

CAGS workshop 2 will be held in Wuhan, China.

30 October -3 November 2010

CAGS Geological Storage School will be held in Wuhan, China.

To find out more about CAGS events, or to apply for CAGS support for conferences, please contact us at info@cagsinfo.net and check the website regularly.

Contact Information

CAGS Team (GA and ACCA21)

Email: info@cagsinfo.net

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