



## From the CAGS team

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Dear CAGS partners, associates, and interested readers,

### **Welcome to the first issue of the CAGS newsletter!**

The CAGS newsletter will be 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.

Our recently launched website, [www.cagsinfo.net](http://www.cagsinfo.net), contains useful information about our project and activities, presentations and publications, and a [Forum](#) for networking and discussions.

To contact us directly with any queries or comments, please email us at [info@cagsinfo.net](mailto:info@cagsinfo.net).

We look forward to your interest and engagement with our project.

Sincerely,

The CAGS Project Team

## Headlines

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- **The CAGS website is now live.** See [www.cagsinfo.net](http://www.cagsinfo.net). If you experience any problems using the site or Forum, please let us know at [info@cagsinfo.net](mailto:info@cagsinfo.net).
- **Presentations from Workshop 1 are available online.** This workshop focused on regional, basin and site scale assessment for geological storage of greenhouse gases. See <http://www.cagsinfo.net/Sessions.htm>.
- **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](mailto:info@cagsinfo.net).

## About the CAGS project

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Geoscience Australia (GA), together with the Department of Resources, Energy and Tourism, and the Administrative Centre for China's Agenda 21 (ACCA21), Ministry of Science and Technology, have developed a collaborative, bilateral project focusing on geological storage of greenhouse gases. The China Australia Geological Storage of CO<sub>2</sub> project (CAGS) is supported by the Asia Pacific Partnership on Clean Development and Climate (APP) and funded by the Australian Government.

The project has just under AU\$3 million for these programs, which began in 2009 and will be carried out over the period 2009-2011.

We are focusing on increasing the technical capacity of both countries in the area of geological storage of CO<sub>2</sub> by exchanging knowledge, experience and information via:

- Several technical workshops and targeted training;
- A study tour for decision makers to Australia;
- Research projects on aspects of geological storage of CO<sub>2</sub>;
- Exchanges of researchers and students;
- Fostering engagement with the international scientific community by providing support to attend significant conferences and meetings;
- Facilitating networking and collaboration within and between our two countries.

Key partners in China include the Institute of Geology and Geophysics and Institute of Rock and Soil Mechanics within the Chinese Academy of Sciences (CAS); the China University of Petroleum; the Chinese Geological Survey; Tsinghua University and the Chinese Academy of Environmental Planning (CAEP) of the Ministry of Environmental Protection. Other organisations in both China and Australia participate in various aspects of the project including research and workshops. CAGS is also cooperating closely with the NZEC, COACH and other CCS-related projects in China.

## Project Highlights

The focus for the CAGS team over the past several months has been on implementing the CAGS project. This included establishing agreements and contracts; initiating three research projects; planning and organising the first technical workshop; developing the CAGS website, and providing conference support for Chinese researchers. Our recent achievements are summarised below.

### First technical workshop held successfully in Canberra, Australia in January 2010

The first CAGS technical workshop was held at Geoscience Australia in Canberra, Australia, from the 19<sup>th</sup> to 21<sup>st</sup> of January 2010. More than 60 delegates from China, Australia, the UK and USA participated in the workshop. The theme of the meeting was geological storage of CO<sub>2</sub>, with particular focus on national, regional, basin and site scale assessment. We also heard about the experiences of several active CCS projects. The three-day workshop was followed by field trip to Canowindra, a world-class Devonian fish fossil location.



The workshop was divided into eight sessions over the three days and covered a variety of aspects of geological storage of CO<sub>2</sub> including:

- assessment of the prospectivity and capacity for geological storage at various scales;
- policy, public acceptance and communication issues;
- monitoring and risk assessment;
- and updates on research and projects in China, Australia, the USA, and UK.

We also had a number of robust discussions which addressed topics including approaches to regional assessment and next steps for getting storage ready.

Feedback from participants was overall very positive, with many praising the program, the organisation, and the range of participants. The workshop program and presentations are available for download from the CAGS website, at <http://www.cagsinfo.net/workshop1.htm>.

### Chinese researchers attend international conferences

One of the primary aims of CAGS is to foster international collaboration and networks among researchers in CCS. Since the beginning of this project, several Chinese researchers have been supported to attend significant international conferences and workshops.

To date, seven Chinese researchers from the China University of Petroleum and the Chinese Academy of Sciences have been supported through CAGS to participate in two significant international conferences:

- the International Energy Agency's 30th Annual Symposium and Workshop on Enhanced Oil Recovery, held at Geoscience Australia in Canberra from 21-23 September 2009; and
- the European Science Foundation / CO<sub>2</sub>GeoNet conference on CO<sub>2</sub> Geological Storage: Latest Progress at Obergurgl, Austria, in November 2009.



Later this year we will be supporting Chinese researchers to attend:

- The SEG Forum on CO<sub>2</sub> EOR and sequestration in Boston, USA, in July 2010; and
- The 10<sup>th</sup> International Conference on Greenhouse Gas Technologies in Amsterdam, Netherlands, in September 2010.

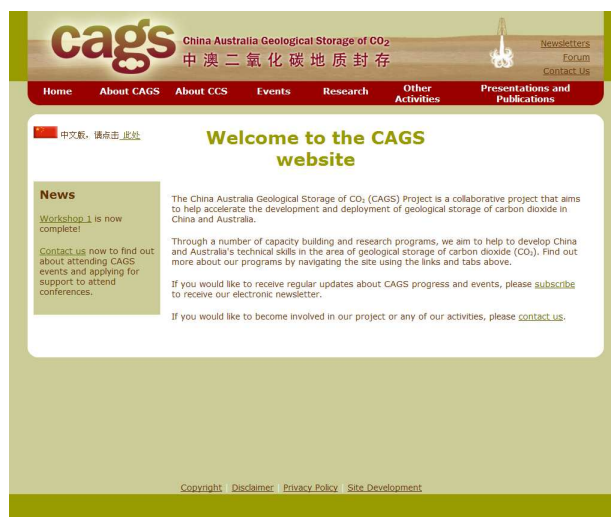
## Initiation of research projects

The Research programme is a significant part of the CAGS project. Three research projects have recently been selected to for CAGS support. Each focuses on a different aspect of geological storage of CO<sub>2</sub>. Topics include:

- developing site selection and assessment criteria for saline aquifers and oil and gas fields relevant to China;
- CO<sub>2</sub> enhanced oil recovery; and
- investigations into the environmental health and safety and risks associated with geological storage.

The research projects will begin in 2010 and be completed by late 2011. Please check the CAGS website regularly for updates on research projects.

## Launch of the CAGS website

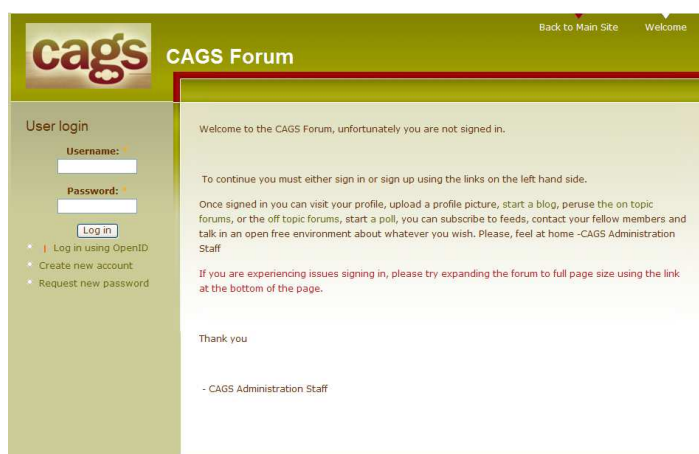


The CAGS website was launched April 2010. The website contains information about the project and our program, including progress updates, information about past and upcoming events, presentations and publications and information about research projects.

[www.cagsinfo.net](http://www.cagsinfo.net)

We have also developed a discussion forum to encourage interaction and networking between researchers. To make use of the forum, you will need to go to the "Forum" link on our website and create an account (free). You will then receive login details that will enable you to create your profile and post messages on the discussion boards.

The website will be maintained and updated by Geoscience Australia and ACCA21.



## Recent Releases

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Information about workshop 1 and PDF versions of presentations delivered at this event are available for download at <http://www.cagsinfo.net/workshop1.htm>.

## Upcoming CAGS Events

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Mid-Late 2010      CAGS Summer School planned.

Late 2010          CAGS workshop 2 will be held in China.

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

## Contact Information

CAGS Team (GA and ACCA21)

Email: [info@cagsinfo.net](mailto:info@cagsinfo.net)

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