

National Youth Science Forum

More than 60 of Australia's top Year 11 science students visited Geoscience Australia in January as part of the 2012 National Youth Science Forum. During the visits the students attended half-day workshops and participated in a series of activities simulating some of the latest technology and techniques used for the geological storage of carbon dioxide.

The students undertook four key investigations to determine the suitability of proposed sites for geological storage under the guidance of Geoscience Australia scientists. The investigations involved techniques which are critical to make a sound, scientific decision based on the available data. They included: seismic interpretation, well-log interpretation, core analysis, and monitoring using a geographic information system (GIS). The students then gave a short presentation outlining the science and processes used by their chosen group, their use of geoscientific methods and equipment, and their conclusions.

The visit introduced students to the geosciences and was intended to encourage an interest in future study and careers in the

geosciences. The students also had an opportunity to talk to staff involved in Geoscience Australia's cadetship and graduate programs as well as some of the young scientists in the organisation about various career opportunities.

The National Youth Science Forum is a two-week program held in Canberra in January each year. The program is designed for students moving into Year 12 who wish to follow careers in science, engineering and technology. It offers them an introduction to research and researchers in government and industry organisations.



Figure 1. Students checking the properties of core samples, assisted by Anna Paull of Geoscience Australia, during the National Youth Science Forum workshop in January 2012.

For more information

email ausgeomail@ga.gov.au



AGES—Annual Geoscience Exploration Seminar	26 to 28 March 2012
Northern Territory Geological Survey Alice Springs Convention Centre Contact: Northern Territory Geological Survey, GPO Box 3000, Darwin NT 0800	p +61 8 8999 5313 f +61 8 8999 6824 e ages@nt.gov.au www.nt.gov.au/d/Minerals_Energy/ Geoscience/
Australian and New Zealand Disaster and Emergency Management Conference	16 to 18 April 2012
Brisbane Convention & Exhibition Centre, Brisbane, Queensland Contact: Tracey Toovey, Joint Association Committee	p +61 7 5502 2068 f +61 7 5527 3298 e conference@anzdmc.com.au www.anzdmc.com.au http://bit.ly/oExEnZ
2012 APPEA Conference and Exhibition	13 to 16 May 2012
Australian Petroleum Production and Exploration Association Adelaide Convention & Exhibition Centre, Adelaide, SA Contact: Moira Lawler, APPEA Limited, GPO Box 2201, Canberra ACT 2601	p +61 2 6267 0960 e mlawler@appea.com.au www.appeaconference.com.au
6th International Sensitive High Resolution Ion MicroProbe (SHRIMP) Workshop	1 to 4 August 2012
Geoscience Australia and Australian Scientific Instruments Pty Ltd Lamington National Park via Brisbane, Queensland Contact: Geoscience Australia	p +61 2 6249 9543 or p +61 2 6249 9044 e SHRIMP2012@ga.gov.au www.ga.gov.au/minerals/projects/ current-projects/geochronology- laboratory/geochronology- workshop.html
34th International Geological Congress	6 to 10 August 2012
Australian Geoscience Council Brisbane Convention Centre, Brisbane, Queensland Contact: Carillon Conference Management Pty Limited, PO Box 177, Red Hill QLD 4059	p +61 7 3368 2644 f +61 7 3369 3731 e info@34igc.org www.34igc.org
AMEC Convention 2012	4 to 5 September 2012
Association of Mining and Exploration Companies Burswood Convention Centre, Perth, WA Contact: AMEC, PO Box 948, West Perth WA 6892	p +61 8 9320 5150 or p 1300 738 184 (Within Australia) f +61 8 9322 3625 or f 1300 738 185 (Within Australia) e events@amec.org.au www.amecconvention.com.au

For more information on Geoscience Australia's involvement in the above events email ausgeomail@ga.gov.au



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