

Discovering the Earth sciences

Geoscience Australia continues to offer extensive education and outreach programs to promote awareness and knowledge of the Earth sciences, and the contribution geoscience makes to the Australian economy, resource management and environmental protection.

Outreach programs, such as Open Day, and participation in activities to celebrate National Science Week and Earth Science Week, aim to raise awareness and promote the programs that Geoscience Australia undertakes.



Figure 1. Two of the winning entries in the 2012 Top GeoShot competition: 'Wilson's Promontory National Park, Victoria' by John Gallagher and 'Lambert Glacier, Australian Antarctic Territory' by Ryan Ruddick.

Geoscience Australia's Open Day will be held on Sunday 19 August 2012. Open Day, which coincides with National Science Week celebrations, is an opportunity for interested members of the public to visit the agency's headquarters at Symonston, ACT. A range of displays, tours and activities will showcase how the agency's research is being applied to some of the major challenges facing Australia today. Building and laboratory tours, an Antarctic experience, a walk back in time, water sample taste testing, rock identification, gold panning and exploding volcanoes are some of the activities planned for the day. A special attraction will be a juvenile *Tyrannosaurus* roving the building.

Earth Science Week (ESW) is an international initiative to promote the Earth sciences and raise awareness of the contribution geoscience makes to the community. This year's ESW will be held from 14 to 20 October and the theme is 'Discovering careers in geoscience'. Geoscience Australia has hosted Australia's Earth Science Week website and coordinated celebrations across Australia for 14 years.

In the lead up to Earth Science Week, Geoscience Australia also hosts two competitions – *GeoLogi* short film competition and *Top GeoShot* photographic competition.

The *Geologi* short film competition is in its sixth year and is hosted by Geoscience



Australia and the Australian Science Teachers Association. The theme for this year's competition is 'Discovering Geoscience'. It is open for individuals, groups or classes from any Australian primary or secondary school to submit a short film that explores the affect on the individual or community of natural hazards, rocks and minerals, geological history, local geology or recent geoscience research.

Top GeoShot photographic competition is open to members of the public. It aims to produce a collection of images that capture the essence of Earth science in Australia and amateur photographers are invited to submit their photographs (figure 1). This year's winning entries (or '*TopShots*') will be announced during Earth Science Week and will be on display in the foyer of the Geoscience Australia building.

Further information and updates on the Open Day and Earth Science Week activities or either of the competitions will be included on the Education Centre website and in the regular *Education Centre Updates* newsletter.

For more information

email education@ga.gov.au

Related articles/websites

Education Centre website
www.ga.gov.au/education/public-events

Education Centre Updates newsletter
www.ga.gov.au/about-us/news-media/education-centre-updates.html

Top GeoShot 2012
Geoscience Australia's Photo Competition

Australian Government
Geoscience Australia

Get the PICTURE ...

Capture the essence of Earth science in Australia
2012 PHOTO COMPETITION

Closing date: 22 September
www.ga.gov.au/education/public-events



AMSA–NZMSS 2012 Joint Conference	1 to 5 July 2012
Australian Marine Sciences Association and New Zealand Marine Science Society West Point Hotel, Hobart, Tasmania Contact: Narelle Hall, PO Box 8, Kilkivan QLD 4600	p +61 7 5484 1189 f +61 7 5484 1456 e amsa@amsa.asn.au www.amsa-nzmss2012.com.au
Central Australian Basins Symposium	16 to 17 July 2012
Petroleum Exploration Society of Australia and Department for Manufacturing, Innovation, Trade, Resources and Energy, South Australia Alice Springs Convention Centre, Alice Springs NT Contact: AGENTUR Pty Ltd, GPO Box 1767, Darwin NT 0801	p +61 8 8981 2010 f +61 8 8942 2150 e cabs2012@agentur.com.au www.pesa.com.au/cabs3/index.html
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 and Exhibition 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
4th Asian Current Research on Fluid Inclusions (ACROFI) Workshop	11 to 12 August 2012
Queensland University of Technology, Brisbane, Queensland Contact: Terry Mernagh, Geoscience Australia, GPO Box 378, Canberra ACT 2601	p +61 2 6249 9640 f +61 2 6249 9971 e terry.mernagh@ga.gov.au http://acrofiv.herokuapp.com
National Science Week	11 to 19 August 2012
Australian Science Teachers Association Contact: National Science Week Project Coordinator PO Box 334, Deakin West ACT 2600	p +61 2 6282 9377 f +61 2 6282 9477 e nscwk@asta.edu.au www.scienceweek.net.au/



16 ARSPC–Australasian Remote Sensing and Photogrammetry Conference	27 and 28 August
Surveying and Spatial Sciences Institute and Remote Sensing and Photogrammetry Commission Melbourne Convention and Exhibition Centre, Melbourne, Victoria Contact: ICMS Pty Ltd, 84 Queensbridge Street, Southbank VIC 3006	p +61 3 9682 0244 f +61 3 9682 0288 e isprs2012@icms.com.au http://16.arspc.com/
AMEC Convention 2012	4 to 6 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
Earth Science Week	14 to 20 October 2012
American Geological Institute Contact: Australian Earth Science Week celebrations	e education@ga.gov.au www.ga.gov.au/education/public-events/earth-science-week.html
Mining 2012 Resources Convention	31 October to 2 November 2012
Brisbane Convention and Exhibition Centre, Brisbane Queensland Contact: Vertical Events, PO Box 1153, Subiaco WA 6904	p +61 8 9388 2222 f +61 8 9381 9222 e info@verticalevents.com.au www.verticalevents.com.au/mining2012/
China Mining	3 to 6 November 2012
Tianjin Meijang International Convention and Exhibition Center Contact: Vertical Events, PO Box 1153, Subiaco WA 6904	p +61 8 9388 2222 f +61 8 9381 9222 e info@verticalevents.com.au www.verticalevents.com.au/chinamining2012/

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

