

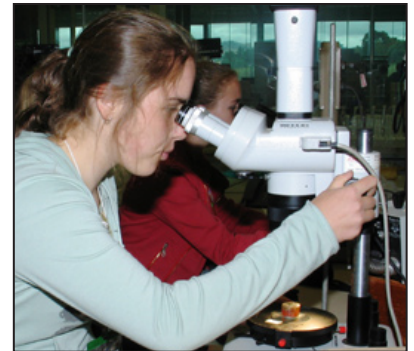
Events

Students experience geoscience

Over 70 students attended two half-day workshops developed and presented by Geoscience Australia staff during January as part of the National Youth Science Forum. Under the guidance of a team of Geoscience Australia geoscientists, students used a range of datasets including geochemical, gravity and magnetic data, laboratory studies and geographic information systems to locate a 'new' gold deposit in the remote Burtville region of Western Australia. The exercise scenario allowed the students to simulate a typical Geoscience Australia working environment, where team work and the integration of disparate datasets were emphasised. The students also took the opportunity to question the Geoscience Australia scientists about their own career paths and choices. Most of the students have interests in chemistry, and since the workshops have a strong emphasis on physics, they left with a positive view of the breadth of the geosciences.

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 students an introduction to research and researchers and an opportunity to develop their communication and interpersonal skills. Presentations and workshops are given by government and industry organisations to provide an insight into career pathways, and how science and engineering contribute to the strength of the nation through publicly funded projects and industrial research and development.

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14th NSW Coastal Conference

Geoscience Australia participated in the 14th NSW coastal conference which was held at Narooma in the Eurobodalla Shire on the south coast of NSW between 8 and 11 November 2005. The conference is an annual event and attracts delegates from government, academia, the community and the private sector. It was sponsored by the NSW Department of Infrastructure, Planning & Natural Resources, Eraring Energy, GHD Services Pty Ltd and The Catchment Management Authorities of Coastal NSW.

The five conference themes were: the environment, planning, community, science and the economy. There were about 250 delegates who heard 40 presentations and viewed 10 poster displays over the three days. One poster outlined the formation of the Sapphire Coast Marine Discovery Centre at Eden in the Bega Valley Shire (Sapphire Coast). The centre will have three elements: a Research facility, an Education Centre and a Visitor Centre and is planned to become a world class facility within 10 years.

Delegates also had the opportunity to participate in excursions including presentations on the Narooma Structure Plan which is a model for managing coastal growth in small coastal towns, the South Coast Shorebird Recovery program, the significance of healthy coastal ecosystems and water quality as they relate to the local economy (including recreational and commercial fishing, aquaculture and tourism) as well as an indigenous perspective on the coast from representatives from the Yuin Country.

Geoscience Australia's representative presented a paper on 'Sustainable Nitrogen Loads and Water quality in NSW Estuaries'. The paper reported on the amounts of nitrogen that can be added to estuaries of different morphologies and flushing regimes which are unlikely to result in eutrophication (see 'Clean or green - nitrogen in temperate estuaries' in this issue). This paper and the other conference papers and resolutions are presented at the conference website.

Narooma is settled around Wagonga Inlet and Montague Island rises from the sea-mist a few kilometres offshore. The accompanying image shows Wagonga Inlet which is a wave dominated estuary classified to be in a 'modified' condition by the National Land & Water Resources Audit. Prominent in the picture are the central basin, the training walls at the entrance and the extensive flood tidal delta formed by sand moving into the estuary from the sea.



**For more information phone David Heggie on +61 2 6249 9589
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Related websites/articles

NSW Coastal Conference website
www.esc.nsw.gov.au/coastal

Sapphire Coast Marine Discovery Centre
www.edenmarinediscovery.org.au

National Land and Water Resources audit
www.nlwra.gov.au
www.environment.gov.au/atlas

Australian estuaries
www.OzEstuaries.org

Events Calendar 2006

AAPG Annual Meeting

American Association of Petroleum Geologists Annual Meeting and Exhibition

9 to 12 April

Houston, Texas

Contact: AAPG Convention Department, PO Box 979, Tulsa Oklahoma 74101-0979 USA

phone +1 918 560 2617

fax +1 918 560 2684

e-mail convене2@aapg.org

www.aapg.org

South Australian Resources & Energy Investment Conference

1 to 3 May

Hilton Adelaide

Contact: Paydirt Media Pty Ltd, PO Box 1589, West Perth, WA 6872

phone +61 8 9321 0355

fax +61 8 9321 0426

e-mail samantha@paydirt.com.au

www.saresourcesconf.com

APPEA Conference and Exhibition

Australian Petroleum Production and Exploration Association

7 to 10 May

Gold Coast Convention and Exhibition Centre

Contact: Vicki O'Gorman, APPEA Limited, GPO Box 2201, Canberra ACT 2601

phone +61 2 6247 0960

fax +61 2 6247 0548

e-mail vogorman@appea.com.au

www.appea.com.au

SEG 2006 Conference

Society of Economic Geologists

14 to 16 May

Keystone, Colorado

Contact: Society of Economic Geologists, 80127-3732 USA

phone +1 720 981 7882

fax +1 720 981 7874

e-mail seg2006@segweb.org

www.seg2006.org/

AMEC Congress 2006

Association of Mining and Exploration Companies

7 to 9 June

Burswood Convention Centre and Resort

Contact: AMEC, PO Box 545, West Perth, WA 6872

phone 1300 738 184

fax +1300 738 185

email pdteam@amec.org.au

www1.amec.org.au/

Australian Earth Sciences Convention 2006

18th Australian Geological Convention & Australian Society of Exploration Geophysicists 18th Geophysical Conference and Exhibition

2 to 6 July

Melbourne Exhibition and Convention Centre

Contact: The Meeting Planners, 91-97 Islington Street Collingwood Vic 3066

phone +61 3 9417 0888

fax +61 3 9417 0899

email earth2006@meetingplanners.com.au

www.earth2006.org.au/

Diggers and Dealers Forum 2006

7 to 9 August

Goldfields Arts Centre, Kalgoorlie

Contact: Suzanne Christie, Diggers and Dealers Mining Forum, PO Box 979, West Perth, WA 6872

phone +61 8 9481 6440

fax +61 8 9481 6446

email admin@diggersndealers.com.au

www.diggersndealers.com.au/

16th Annual V M Goldschmidt Conference 2006

European Association for Geochemistry, Geochemical Society and Geological Society of Australia

27 August to 1 September

Melbourne Exhibition and Convention Centre

Contact: Tour Hosts Pty Ltd, GPO Box 128, Sydney NSW 2001

phone +61 2 9265 0700

fax +61 2 9267 5443

email goldschmidt2006@tourhosts.com.au

www.goldschmidt2006.org/

AAPG International Conference and Exhibition

American Association of Petroleum Geologists

5 to 8 November

Perth Convention and Exhibition Centre

Contact: AAPG Convention Department, PO Box 979, Tulsa Oklahoma 74101-0979 USA

phone +1 918 560 2617

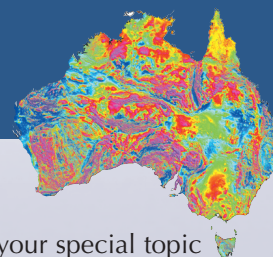
fax +1 918 560 2684

e-mail convене2@aapg.org

www.aapg.org

AusGeoRef

Australian Geoscience References



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