

42nd Sydney Basin Symposium

Understanding the Sydney Basin Today is the key to Tomorrow's Sustainability

Date and Time	Activity	Location
Tuesday 20th August 9:00am - 4:30pm	Workshops "Understanding Coal: From Macerals to Reservoir" Digital Coal Petrographic Atlas	Newcastle City Hall 290 King Street
Tuesday 20th August 6:30pm - 10:30pm	Welcome Networking Event 	Queens Wharf Hotel (150 Wharf Rd, Newcastle)
Wednesday 21st August 9:00am - 5:00pm	Sydney Basin Symposium Day 1	Newcastle City Hall 290 King Street
Wednesday 21st August 6:30pm - 10:30pm	Symposium Dinner 	Bartholomew's (145 King St, Newcastle)
Thursday 22nd August 9:00am - 5:00pm	Sydney Basin Symposium Day 2	Newcastle City Hall 290 King Street
Friday 23rd August 9:00am - 12pm	Field Trip 	Newcastle Geotrail Starting point – Nobbys Head

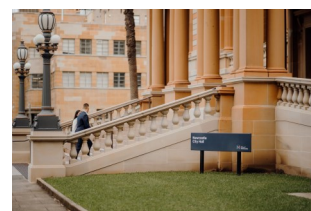
Registrations are now closed. For late registrations contact admin@coalfieldgeologycouncilnsw.org

Venue

Newcastle City Hall
290 King Street
Newcastle NSW 2300 Australia
Phone: (02) 4974 2166



Newcastle
City Hall



Coalfield Geology Council
of New South Wales

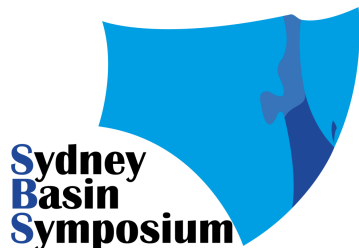


AUSTRALIAN
INSTITUTE OF
GEOSCIENTISTS

14



CPD HOURS



42nd Sydney Basin Symposium

Understanding the Sydney Basin Today is the key to Tomorrow's Sustainability

Scientific Program

There are a range of general topics that will be covered, including:

- Coal Geology
- Coal Quality
- Mine Geology
- Exploration
- Geochronology
- Igneous Geology
- Structural and Geotechnical Geology
- State of the Industry
- Environmental and Social
- Hydrogeology
- Gas and Petroleum Geology
- Geophysics

Registration Options and Pricing: Symposium - 20th August - 22nd August 2024

Date and Time	Activity	General Admission	Student Admission
20th August 9:00am - 4:30pm	Workshops "Understanding Coal: From Macerals to Reservoir" Digital Coal Petrographic Atlas	\$50	Free
20th August 6:30pm - 10:30pm	Welcome Networking Event	\$40	\$20
21st—22nd August 9:00am - 5:00pm	Sydney Basin Symposium		
	Full Registration	\$450 (incl. Dinner)	\$100 (excl. Dinner)
	Single Day Registration	\$150 (excl. Dinner)	\$50 (excl. Dinner)
21st August 6:30pm - 10:30pm	Symposium Dinner	\$150	\$70
23rd August 9:00am - 12pm	Field Trip	\$30	\$30

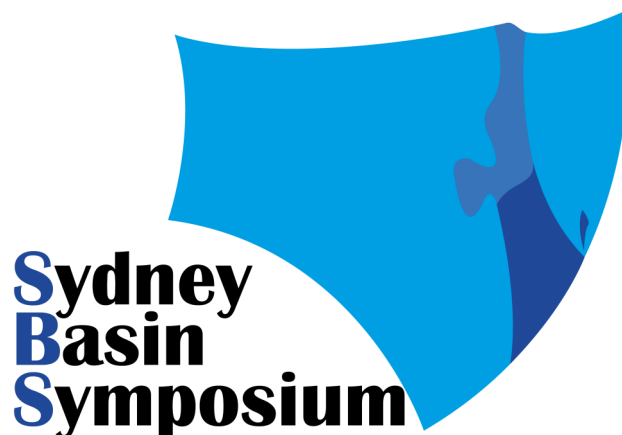
Registrations close 5:00pm Friday 19th July, 2024. Registration link below.

<https://www.eventbrite.com.au/e/42nd-sydney-basin-symposium-2024-tickets-838333476997?aff=oddtcreator>

20th August 2024

Workshops:

- **Understanding Coal: From Macerals to Reservoir**
- **Coal Petrographic Atlas**



Cost: FREE for students
General Admission—\$50/person

Time: 9am to 12pm (Morning Session)
1:30pm to 4:30pm (Afternoon Session)

The day is designed as a series of lectures and hands on discussions of fundamentals for coal geology and gas reservoir analysis, with an afternoon of practical exercises using the new tool from the ACARP Digital Atlas of Queensland Coals project. **Bring your laptop** and you can virtually emulate coal petrology. Workshops outline:

Understanding Coal: From Macerals to Reservoir

Morning (9am - 12pm)

1. Peat: How Coal Seams and Reservoirs are Assembled
2. Organics Transforming – Type, Rank and Controls on Coal Bed Gas Reservoirs
3. Measuring Gas Properties and Estimating Their In-Place Volumes: Tales from the Field

Digital Coal Petrographic Atlas

Afternoon (1:30pm - 4:30pm)

4. Digital Coal Petrographic Atlas Workshop - a new tool for collaboration

Presented by Dr Tim Moore of Cipher Coal Consulting and Dr Joan Esterle Emeritus Prof University of Queensland.



Presenters:

Dr Joan Esterle is Emeritus Professor and Chair of the Vale-UQ Coal Geoscience Program in the School of Earth and Environmental Sciences at the University of Queensland (UQ). Prior to 2010 she worked as a senior scientist in the Commonwealth Scientific and Industrial Research Organisation (CSIRO) and for GeoGAS-Runge Ltd as a coal seam gas consultant. Her main research questions focus on geological controls on the variability in coal quality, litho-type and maceral composition, gas and geotechnical ground conditions that arise from depositional setting and geological history. She is member of the Society for Organic Petrologists, the International Committee for Coal and Organic Petrology, the Geological Society of Australia and the Bowen Basin Geologists Group. Further information on Joan's research is available on <https://researchers.uq.edu.au/researcher/1347>.

Dr Tim Moore has been the Managing Director of Cipher Consulting since 2010, specialising in the understanding of, and exploration for, organic-rich sediments, including coal, coalbed methane and shale gas. He holds the positions of Adjunct Professor at the School of Earth, Environmental and Biological Sciences, Queensland University of Technology, Australia (since March 2016) and as Distinguished Visiting Professor at China University of Mining and Technology (since January 2018). Prior to moving to Australia, Tim was also an Adjunct Associate Professor at the Department of Geological Sciences, University of Canterbury, New Zealand from 1998 to 2015. Long-term roles while at Cipher have also been Principal Advisor – Sub-surface for Sinopec Oil & Gas Australia Pty Ltd., Principal Geologist/Asset Geologist for Origin Energy Ltd, Chief Geologist & Senior Advisor for Ephindo Energy Ltd. and Senior Advisor for Dart Energy Ltd.

Sponsorship and Exhibition



Sydney Basin Symposium

Sponsorship and Exhibition

The SBS Committee is now taking bookings for sponsorship including exhibition booth spaces from interested exhibitors.

Please register your interest via:

sponsorship@sydneybasinsymposium.net.

A tax invoice will be issued and sponsorship 'confirmed' upon receipt of payment and a company logo for use in advertising material.

Sponsorship closing dates -

- Booth registrations must be completed prior to Wednesday 31st July to allow printing of signage.

Booth Details

The booths are standard exhibition booths with black carpet feel walls. Panels are constructed from fibrous cement sheeting, and are supported with aluminium profiles. Posters and lightweight signage may be attached to the panels using hook Velcro dots.

Each booth consists of the following:

- 2.5m high walls (size options - see plan)
- 1 x company signage fascia (32 characters maximum)
- 1 x exhibitor spotlight
- 1 x 10 Amp general purpose outlet
- (Flexibility available)

Tables and chairs are supplied as per plan, if you wish to change this setup please contact our exhibition display provider who is able to offer a full support service to all exhibitors requiring furniture, signage, AV or plant hire. Additional equipment can be ordered by contacting Marlin Exhibitions by email marlin-hire@gmail.com or phone 0434 153 635. Copies of equipment and furniture hire catalogue are available on the website www.marlinexhibitions.com.au.

Furniture and accessories are the exhibitor's responsibility.

Exhibition Program

Tuesday 20th August

12:00pm - 6:00pm: Marlin Bump-in

4:00pm - 6:00pm: Exhibitor Bump-in

Wednesday/Thursday 21/22nd August

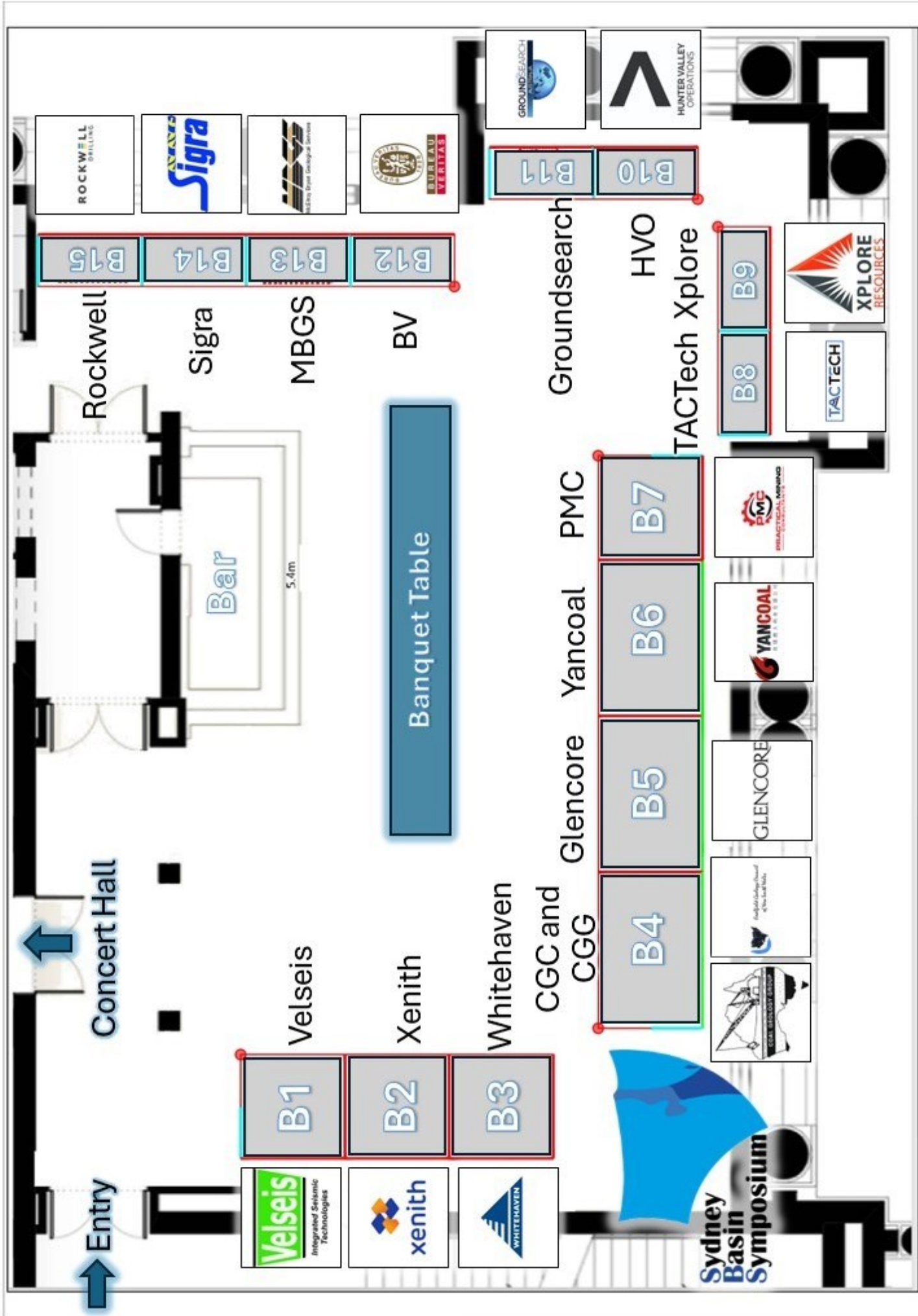
9:00am - 5:00pm: Full day delegate access

Close of day 22/8: Marlin Bump Out from 4:00pm

Costs

Multiple sponsors are welcome. All sponsorship will include company logo on program and during conference proceedings, and advertising material (as supplied by the sponsor) including signage at the venue.





Sponsorship Packages

SBS 2024

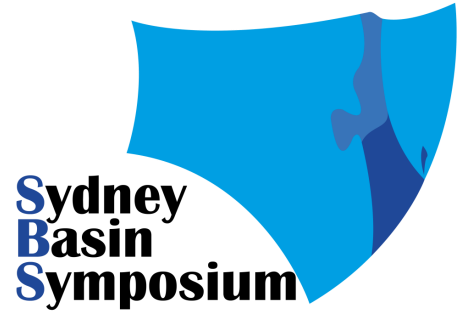
Please contact sponsorship@sydneybasinsymposium.net to find out about available options.



**Sydney
Basin
Symposium**

Package	Cost (excl GST)	Inclusions
Diamond (incl booth)	\$15,000	1 Booth - Location B3b (the largest 8 m2 booth). 5 x 2 day delegate registrations incl dinner. Major Sponsor Recognition. All advertising material (as provided by sponsor) including signage at venue. Requires satchel insert.
Corundum (incl booth)	\$10,000	Location B4, B5, B6 1 x large standard booth (2x3m booth) 3 x 2 day delegate registrations incl dinner. Naming rights for morning or afternoon session Advertising on marketing material. Requires satchel insert.
Topaz (incl booth)	\$5,000	Location B1, B2, B3a, B10 1 x standard booth (2x2m booth) 2 x 2 day delegate registrations incl dinner Advertising on marketing material Requires satchel insert.
Quartz (incl booth)	\$2,500	Location B7, B8a, B8b, B9, B11, B12, B13 1 x 2 day delegate registration incl dinner Advertising on marketing material Requires satchel insert.
Dinner Sponsorship	\$15,000	Naming rights during Dinner (21st August) 1 x standard booth (2x2m) 5 x 2 day delegate registrations incl dinner Advertising on marketing material Requires satchel insert.
Networking Event	\$5,000	Naming rights for Networking Event 1 x 2 day delegate registrations incl dinner 3 x Networking Tickets Advertising on marketing material
Coffee Cart (2 day)	\$5,000	Advertising on marketing material. Advertisement on coffee cart. Satchel insert is optional.
Morning/ Afternoon Tea (4 available)	\$2,000	Advertising on marketing material. Advertisement during tea break (slide or video presentation). Satchel insert is optional.
Orthoclase	\$1,000	Advertising on marketing material Satchel insert is optional.

Location and Accommodation Information



Accommodation

We have sourced corporate rates with some providers. Please mention the Sydney Basin Symposium when booking with these providers and corporate rates may be applied. Availability is limited, so first in best dressed!

The Grand

The Grand will offer a flat rate of \$140 per night (midweek) for symposium attendees. To book a room, call Lucas 02 4049 3686

Rydges

Rydges will offer a 10% discount on their best available rate. Please use the link below.
<https://www.rydges.com/private-page/sydney-basin-symposium/>

QT

QT will offer special rates to attendees. Use the link <https://www.qthotels.com/newcastle/> and follow the instructions below.

1. Select your dates
2. click BOOK
3. Click on "I HAVE A CODE"
4. In the "CORPORATE ID" field enter your **corporate ID: 42SBS**
5. Click "CHECK ROOMS"
6. Your special rates will appear on the rates screen

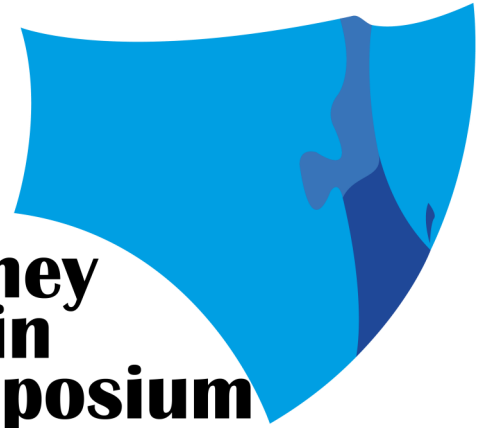
Crystalbrook

The Crystalbrook collection offers 10% off the best available rate of the day, at the time of booking. The offer is Crystalbrook THECROWD. The Roundhouse Breakfast opens daily from 6:30am. A \$10 discount is offered to attendees staying at the hotel.

Field Trip

Newcastle Coastal Geotrail

Sydney Basin Symposium



Join us on a wonderful exploration of Newcastle's amazing coastline led by our expert in all things Geotrail Dr Ron Boyd. A bus will transport us from one outcrop to the next as well as some exploration along the shoreline as we make our way along the Geotrail and learn about erupting volcanoes, ancient life and layers of time all displayed for us in the rock record along Newcastle's pristine beaches. At the end of our journey through time sit back, relax and enjoy the views and a delicious lunch on the beautiful Merewether foreshore.

Newcastle Coastal Geotrail – our dynamic coast

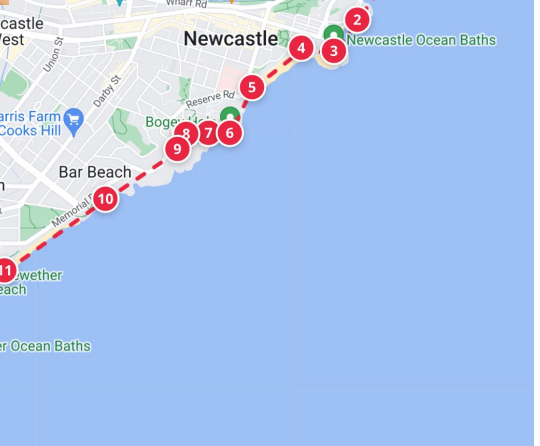
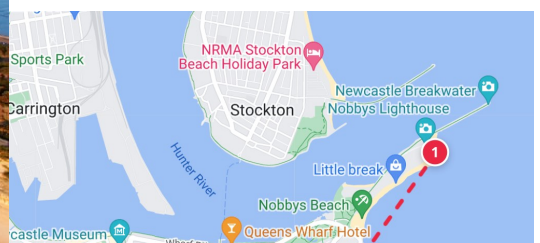
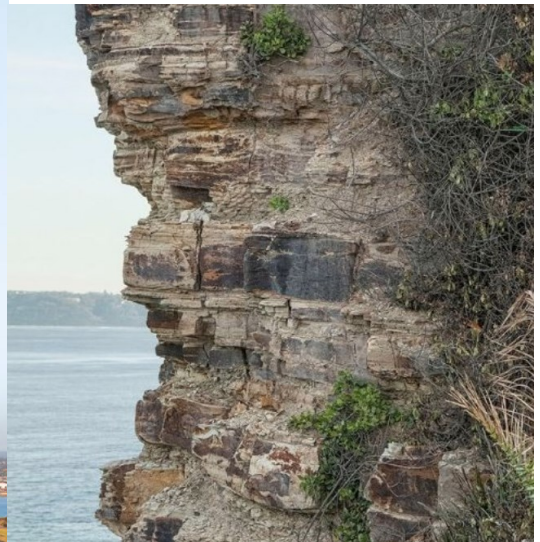
Around 255 million years ago, in the Permian Period, the climate and landscape around Newcastle were very different to those today. Wide rivers flowed across a cold and thickly forested landscape, depositing sediments over vast floodplains and swamps. From time to time, distant volcanic eruptions blanketed the region with ash. The layers of sediment and ash were later compacted and gently folded, to produce the undulating layers we now see in the cliffs around Newcastle. This sequence is called the Newcastle Coal Measures and coal seams can be traced between cliffs and headlands from Nobbys Head to Merewether Beach.

A changing geography

Back in the Permian, Australia was closer to the South Pole. Earth's tectonic plates were colliding along eastern Australia, resulting in volcanoes and high mountain ranges developing to the north of what is now Newcastle, and the broad Sydney Basin forming to the south and west. Between 84 and 52 million years ago, Australia separated from the continent of Zealandia (including New Zealand and Lord Howe Rise), creating the current coastline and injecting volcanic dykes that are still visible in cliffs and rock platforms. Over just the last 120 000 years the sea level has fluctuated more than 100 m, resulting in migration of the shoreline up to 25 km east and 30 km west of its current position!

The geotrail

Newcastle Coastal Geotrail largely follows scenic Bathers Way and is a walk of about 10 km one way. You can also drive to stops, which are mostly accessible from nearby car parks, although parking restrictions apply. Public buses service Nobbys Beach, Merewether Beach and coastal areas in between.



Southwesterly view of Newcastle coastline, with Nobbys Beach (foreground) and the Hunter River (right). Source: City of Newcastle.

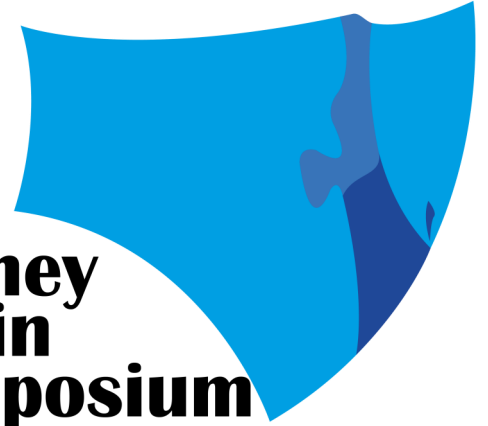


Newcastle Coastal Geotrail

Thanks to our sponsors so far!

Opportunities for further sponsorship still exist

Sydney Basin Symposium



Major Sponsors:



Tier One Sponsors:



Tier Two Sponsors:

