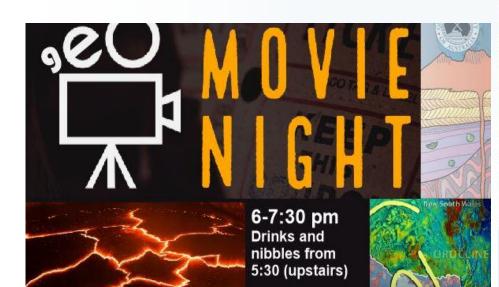
# The Tasmanian Geologist



## THURS 27th JULY

No booking required No admission fee

## IN THIS ISSUE

#### Our Next Meeting 27th July 5:30 for 6:00PM Earth Sciences University of Tasmania

On the big screen EARTH MOVIE NIGHT in the Geology Lecture Theatre.

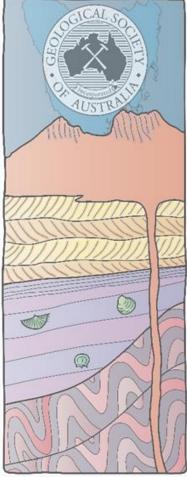
#### **Past Meetings**

The AGM delivered a bumper new committee working for our Division in the next 12 months. Thanks to our speaker Colin Jones for updating us on the latest knowledge on the evolution of Tasmania's iconic NE granites. Reports from the AESC2023.

#### **Students Members**

Carey Prize 2022 winner. Meet the local Endowment Fund recipient.

**13th Tasmanian Geoscience Forum** Tullah Lodge Book accommodation early as it will be busy.



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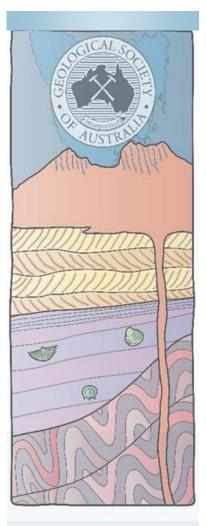
#### **Future Meetings**

**26th August Wednesday** Student night with AIG Shambles North Hobart

8th September Saturday One-day field trip to north coast Tasmania

**9th September Sunday** RST-NC Inveresk joint meeting Michael Roach

**20th October** Thursday Martin Jutzeler RV Investigator Voyage off the west coast of Tasmania.



#### Earth Science Films online

Earth Futures Festival still has many films online that were entered into this festival, the brainchild of Heather Handley and Simon Heath. The films are broad in style and subject matter but are all centered around the theme of the Earth, sustainability and connection. Many hours of content for winter! https:// www.earthfuturesfestival.com/

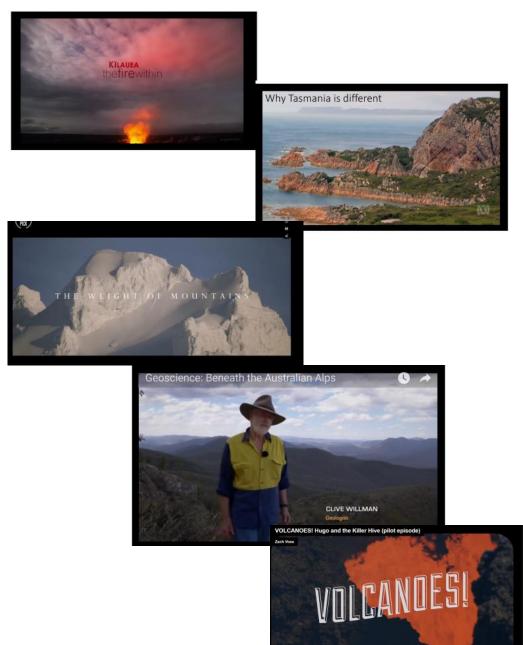
The GSA Victoria Division has several films and short videos that help to explain all manner of initiatives and work in that state (thanks to Clive Willman) as well as help to understand Earthquakes and other Earthrelated phenomena. https:// www.gsavic.org/

# Earth Movie Night

View a selection of short and longer form movies played on the big screen. Sip mulled wine and nibble on popcorn while you watch films about volcanoes, mountains, Tasmania and why it is different as well what is under the Victorian Alps.

BRING A FRIEND OR TWO.

Movies are:



# June 22<sup>nd</sup> Annual General Meeting

The AGM was well attended with 32 people in the room and 6 online. The Chairman's report highlighted meetings and activities undertaken by the local GSA including involvement in the successful STGST field conference on King Island in November and the 12th Tasmanian Geoscience Forum in December 2022. The treasurer outlined a healthy financial situation. Copies of these reports are available on request.

A 17-strong new committee was elected (see last page of the newsletter). Thankyou to those who served on the committee in 2022-2023 but have not continued: Olivia Wilson and Wei Xuen Heng. Special appreciation to Sebastien Meffre who was secretary over the last year and remains on the committee. The newly elected secretary is Ron Berry.

# June 22<sup>nd</sup> Colin Jones 'Petrogenesis of some east Tasmanian granites'

Colin Jones followed up the AGM with a talk on the granites in eastern Tasmania. Colin used high power instrumentation including the SHRIMP ion microprobe on zircon and Laser Ablation multi-collector mass spectrometer on zircon and quartz crystals from several of granites to understand melt origins, late assimilation of crustal material into melts and the relationship of the mafic Hogans Road Diorite to granite evolution.



Question time after Colin's talk. Photo D. Cooke.

#### VOLCANISM 12-18 July

Twenty nine volcanoes are active this week.

Mayon in the Philippines continues with effusive eruptions from the summit moving down drainages to the south and southwest reaching up to 2.8 km from vent by the 18th of July. A shorter lava flow of about 600m length is in an eastern drainage. As well as these lavas, collapse of the lava dome at the summit and off the steep lavas has initiated pyroclastic density flows. The furthest travelled in the eastern drainage 4 km from vent.

Low level activity ongoing south of Reykjevik in Iceland, has had firefighters rushing to smother vegetation fires initiated by the new lava.

On the island of Bougainville the volcano of Bangana has erupted explosively several times over the last few weeks. The most recent eruption on the 15th of July sent ash up to 16.5 km into the atmosphere. Activity over the last month has impacted communities in South and Central Bougainville and some areas have been evacuated due to contaminated waster supplies.

https://volcano.si.edu/ reports\_weekly

#### SIGNIFICANT EARTH QUAKE IN JUNE/JULY

The largest earthquake recorded in July was a 7.2 mww earthquake on a thrust fault associated with the Aleutian subduction zone in Alaska. Although no people were directly impacted by this event, other greater than magnitude 7 earthquakes in this area have generated tsunamis that have reached Pacific islands and the west coast of the US.

https://earthquake.usgs.gov/ earthquakes/eventpage.

#### WHAAKARI TRIAL NZ

Whaakari White Island eruption of 2019 caused the deaths and injury of tourist visiting the island. A criminal trial against the owners of the island and the tour operators is taking place now in Auckland. The trial is about workplace safety. The head of GNS NZ (equivalent of CSIRO/GA in NZ) has been in the hot seat in the last week. Dr Gill Jolly gave evidence to indicate that GNS have risk assessments and safety strategies in place for their workers and some National Parks, but not for private ventures. They can do these but would expect payment for this service. She claimed that the owners of the island and tour operators had never commissioned GNS to undertake this type of assessment. GNS had escalated the risk for an eruption on Whaakari White Island to level 2 prior to the eruption (level 3 is an eruption). The trial continues.

## AESC 2023

The Australian Earth Science Convention 2023 was held in Perth between the 27-30th of June. This was the first face to face meeting of our society since the easing of the COVID 19 pandemic. Owen Missen attended the meeting, his first foray to this national get together. Here is his report.

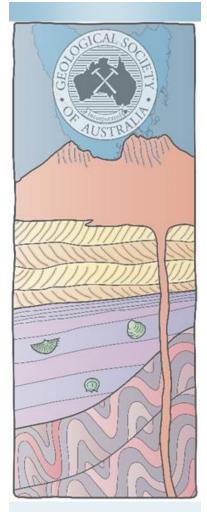
The Australian Earth Science Convention 2023 (AESC) brought a vibrant community of Earth scientists from Australia and worldwide to sunny Perth. The conference was held entirely face to face in the Perth Convention and Exhibition Centre. It was my first AESC conference and was an ideal opportunity for networking, fostering collaboration and understanding the latest geoscience research. I particularly enjoyed meeting people I had only previously seen online! Talks at the AESC ranged from subjects on Australia's geological history, processes involving magmas and mountain belts, and resources in mine waste; to broader current challenges facing the geosciences community such as promoting geoheritage and geotourism and how to make the geosciences a more inclusive place for all geoscientists.

I was pleased to meet A/Prof Simon Jowitt from University of Nevada, having found his work linking economic geology and critical minerals very interesting for a long time. His talk on 'The Minerals Industry and the Energy Transition; supply, demand, the future of the sector and implications for Australia' was very relevant to the critical mineral research ongoing at UTAS and in Australia more broadly.

I presented a poster on my Geoenvironmental work in western Tasmania as well as a talk on my field study of cobalt biogeochemistry conducted last year. Posters at AESC were no longer printed but were instead displayed on electronic screens to reduce the amount of paper waste (and the chance of losing one's poster or having said poster squashed in transit). Other colleagues from CODES at UTAS presented four talks, three posters and two short talks. The short talks formed one of the final morning sessions, with rapid 3-minute talks keeping us engaged as the conference drew to a close! Several other Tasmanian researchers also made the journey west, ensuring Tasmania was well represented at AESC2023!



Owen with his digital poster at AESC2023. Supplied by Owen Missen



#### Earth Sweltering in July

Despite it being winter in Tasmania, global averages temperatures have been reaching new highs. The highest ever recorded average temperate for the Earth was broken on July 3rd at 17.01 degrees C and then smashed in the following week three times. The highest was 17.23 degrees C on the July 6th. Persistently elevated sea surface temperatures have been recorded throughout the worlds oceans. June to July had higher than average temperatures in the northern and eastern Pacific as well as in the north Atlantic and the Indian Oceans. Hobart in July has an average daytime temperatures of 12.2 degrees C. July is not over yet and it feels chilly now but on the 13th of July it reached a balmy 19.3 degrees C.

#### A.B. Edwards Award

The Geological Society of Australia (GSA) Economic Geology Specialist Group provides the A.B Edwards award annually to the best economic geology themed paper in it's publication 'The Australian Journal of Earth Sciences' (AJES).

'The award recognises important work in economic geology research in a broad sense (e.g., exploration geochemistry, ore deposit genesis and modelling, structural analysis of mineral systems, hydrothermal, magmatic and alluvial ore deposits). The purpose of the award is to encourage scientists to publish their work in the Australian Journal of Earth Sciences and consider the journal an appropriate forum to disseminate research findings and concepts relevant to economic geology. ' (from GSA website)

#### David I. Groves Award

The Geological Society of Australia (GSA) award this medal to the best paper in it's publication 'The Australian Journal of Earth Sciences' with a young geoscientist as it's author.

The 'young' means that the paper is within six years of the lead author finishing their first degree.

For more information on these medals and other GSA awards see

https://www.gsa.org.au/Public/ Public/Recognition\_and\_Awards

# *Tassie member's medal bonanza at AESC 2023*

Congratulations to a star of the AESC2023, Dr Tristan Wells. Tristan was awarded three medals: A.B. Edwards award for the best Economic Geology paper in the Australian Journal of Earth Sciences (AJES) for 2020 and 2021 and the David I. Groves (2021) awarded for best paper in AJES with a lead author less than six years post-graduate.



Tristan Wells with his three medals. Photo Lisa Roche

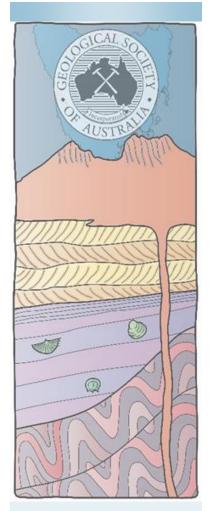
# Carey Prize recipient 2022

The Carey Prize is awarded by the Tasmania Division of the GSA annually for the best honours thesis in Earth Sciences at the University of Tasmania. The prize comes with a cash award of \$600. The winner for 2022 is Felix Dobbin for his thesis entitled 'Geology, alteration and mineralisation characterisation of the Kingswood Porphyry Cu-Au prospect, NSW Australia', supervised by David Cooke and Lejun Zhang.



Felix Dobbin Carey Prize recipient. Photo courtesy of North Star Resources

Felix was unable to join us to collect his prize in person at the June AGM as he is busy working as a graduate geologist in Western Australia for North Star Resources.



#### Carey Prize

The Carey Prize is named after SW Carey, the founding professor of the Geology Department at the University of Tasmania. He was professor of geology for 30 years between 1946 and 1976. Professor Carey was an expert on structural geology and tectonics.

There is also a medal named in honour of Professor Carey at the national GSA level. The SW Carey Medal was awarded at the AESC2023 to Alexander (Sandy) Cruden of Monash University for his contributions and impacts in the field of tectonics (*senso lato*).

#### What is the GSA Endowment Fund?

The Geological Society of Australia (GSA) Endowment Fund was set up in 2007 to support students undertaking graduate studies in the Earth Sciences. The fund was set up as a separate entity to the GSA and the Australian Tax Office imposed elements that restricted this support to Australian students at Australian educational institutions. Financial assistance in the form of awards can be granted to Australian students by the GSA Endowment Fund Committee and the awards are not restricted to GSA members. Honours/ Masters student from each state are eligible for a \$1000 grant and PhD students compete nationally for a \$5000 grant.

The Geological Society of Australia Endowment Fund is a charity and all donations are tax deductible. (from GSA website)

# Endowment Fund THE GEOLOGICAL SOCIETY OF AUSTRALIA

Tasmania's Endowment Fund grant recipient for 2023 is Emily Conn. Emily has arrived in Tasmania this month hot on the heels of graduating with a BSc (Earth Sciences) at the University of Queensland, Brisbane. She has commenced her Honours with supervisors Martin Jutzeler and Rebecca Carey on the stratigraphy of sediment cores at Havre, Kermadec arc/Rangitahua. This project provides her the opportunity to work on cores she helped to collect and curate on RV Investigator Voyage 2022-V02 to the Kermadec Arc north of New Zealand in March-April last year.

The endowment grant will help Emily travel to Germany to attend an Oceanic Volcanism workshop and undertake detailed scientific work as part of international collaboration with GEOMAR in Kiel.

"I am extremely grateful to the Geological Society of Australia for creating the Endowment Fund, making it possible for students like me to learn and discover more during our research journey. I'm excited to network and learn from the best in oceanic volcanism at Kiel!"



Emily working on the core on RV Investigator, April 2022 Image supplied by Emily Conn.

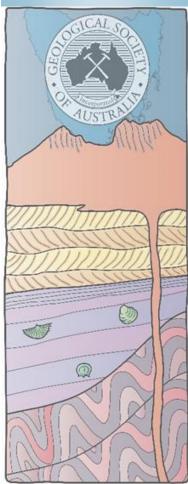
# Tasmanian discretionary grant recipient

The GSA Endowment Fund also granted discretionary funding to Tasmanian Mark Williams. Mark is in Geography, Planning and Spatial Sciences at the University of Tasmanian working on digital technologies as applied to geotourism and geoheritage.

Mark's project aims to explore the use of digital tools in geotourism projects and geoparks, by investigating the factors associated with uptake of digital tools, and will determine the effectiveness of a number of end-user designed digital tools within the planning and implementation stages of geopark development.



Karin Orth congratulates Mark Williams for his Discretionary Grant from the GSA Endowment Fund at the AGM. Photo S. Meffre.



# **Obituary Peter Hills** 1959-2023

It was with sadness that I heard of the passing of Peter Hills in May 2023. Peter was a well known personality in the geosciences in Tasmania. Peter was a geotechnical engineer and worked over the last



11 years with consultancy Pitt and Sherry, He was present at our meeting last October held in conjunction with the Australian Geomechanics Society. The presentation on rock removal at Paradise Gorge was given by his colleagues at Pitt and Sherry Andrew Tyson and Clint Scott. Peter was keen to emulate them and provide a presentation on a tunneling project he had been a part of for a joint meeting in 2023.

I first met Peter at my first national Australian Geological Convention (AGC) in Sydney in 1984. He enjoyed a drink and a bit of laugh but was always very serious about his science. He worked mainly in underground mines and was keen on this field of geoengineering something that I was fairly ignorant about coming straight out of an undergraduate degree.

Peter graduated with a BSc Honours from the University of Tasmania in 1981 and later went on to complete his Masters in Rock Mechanics (Engineering Science) at James Cook University. His enthusiasm for his profession never diminished. He worked widely in Tasmania's mines, tunnels, power stations and dams and on many projects here, interstate and overseas.

Peter was a member of AusIMM for 40 years where he held many leadership roles and was involved in professional accreditation and conference organisation. Peter provided invaluable leadership in the Tasmania Branch of AusIMM from 2008, first as Secretary and then Chair from 2013-2019. He was a member of the committee organising the Underground Operators Conference which was successfully held in Brisbane in March. Peter pushed to establish AusIMM's new Geotechnical (Mining) Society, approved by the AusIMM Board at the recent April Board meeting. He also received the Beryl Jacka Award in 2020 for his extraordinary and sustained service to AusIMM.

In 2021, Peter agreed to be part of our 'You Can't Ask that Panel' student meets industry night in conjunction with AIG. As part of that he sent some photos he thought might help students relate to him. Unfortunately, he had an accident and was in hospital on the day of the panel so could not join us. I share the photos of Peter at work and play below.

Condolences to Peter's family his wife, three children and grandchildren, parents and sister.

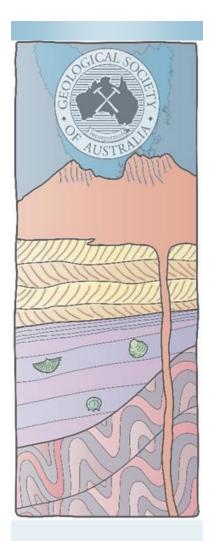
Peter had a great many friends and peers across the mining and engineering and garnered the respect of everybody who had the privilege of knowing him. He will be missed by the local geosciences community.

Karin Orth with extracts from the Obituary by Stephen Durkin and Miriam Way of AusIMM.









## **Student Members**

Welcome undergraduates back to semester 2.

Please come along to our Earth-themed movie night on Thursday the 27th of June.

And pencil in the **Students Meet Industry** get together at Shambles in North Hobart on **WEDNESDAY** the 23rd of June.



## **Membership**

There are special rates for graduate membership so no need to miss out once you have graduated. We would love to keep in touch!

Any queries about your membership contact our membership officer Rebecca Carey (Rebecca.Carey@utas.edu.au).

You can become a member right now

I want to become a Member

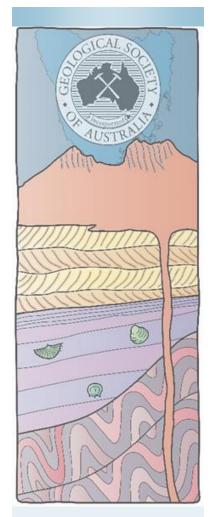
## Meet a graduate

Olivia Wilson won the Honours Endowment Scholarship for Tasmania in her honours year in in 2020. Despite the lockdowns of that year, she eventually managed to get into the field to spend her money. Olivia is now employed by Entura in Hobart. She was an undergraduate member of the GSA and here is her testament to how it can be helpful for your future.

"Being a student member of the Geological Society of Australia enriched my experience of studying geology."



Supplied by Olivia Wilson



# Olivia Wilson on being a GSA student member

'Being a student member of the Geological Society of Australia enriched my experience of studying geology. Especially important to me were the opportunities to make connections and learn about the research of other society members. As a student, it is also invaluable to have an environment in which you can interact with geoscientists from all career stages - hearing their experiences allows you to develop your own career aspirations. GSA membership also demonstrates that you have a level of passion and commitment to your field beyond '

#### Other Events coming up

25th of July Public Lecture by Chris Yule Seismic Stratigraphy of the Canning Basin and the power of open access data. (see flyer)

10th-12th October Subglacial Geology and hydrology workshop (see flyer)

30th of November 13th Tasmanian Geoscience Forum Tullah (see flyer)

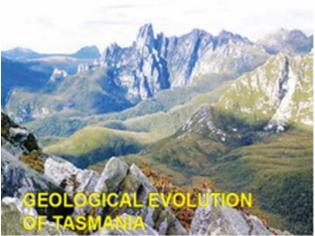
## **The Geological Evolution of Tasmania**

The flagship publication of the Tasmanian Division of the GSA, 'The Geological Evolution of Tasmania' (Special Publication 24 of the GSA) is available for ordering.

I want to know more about the book

You can purchase them personally from Caroline Mordant (<u>publications@CODES.utas.edu.au</u> or phone on +61 3 6226 7537.

Members	\$99
Non Members	\$113
Students	\$75



edited by Kellh D. Corbell, Patrick G. Quilty and Cive R. Calver

### Last word from Noel



#### **Future Meetings**

**26th August Wednesday** Student night with AIG Shambles North Hobart

8th September Saturday One-day field trip to north coast Tasmania 9th September Sunday RST-NC Inveresk joint meeting

**20th October** Thursday Martin Jutzeler RV Investigator Voyage off the west coast of Tasmania.

Michael Roach

#### Our details

Geological Society of Australia website: <u>www.gsa.org</u> And our own website: <u>http://</u> <u>www.gsatasmania.org</u>

## GSA Tasmania Division Committee 2023-2024

Chair: Karin Orth Secretary: Ron Berry <u>Ron.Berry@utas.edu.au</u> Treasurer: Claire Kain

Committee Members: Sheree Armistead Jeremy Asimus Rebecca Carey (Membership) Acacia Clark (Student Rep) Grace Cumming John Everard Matt Ferguson Barbara Frankel Jacqueline Halpin Claire Kain (Geotourism) Peter McGoldrick Owen Missen Sebastien Meffre Phil Sansom (Education) ANY NEWS, ANNOUNCEMENTS OR INTERESTING PHOTOGRAPHS OF TASMANIAN GEOLOGY YOU WOULD LIKE TO INCLUDE IN THE NEXT NEWSLETTER, PLEASE SEND IT THROUGH VIA EMAIL TO

karin.orth@utas.edu.au

# Public Lecture

ALL WELCOME

# 25 EST 6:30 PM LECTURE THEATRE 1 UTAS PHYSICS BUILDING SANDY BAY

## SEISMIC STRATIGRAPHY OF THE CANNING BASIN AND THE POWER OF OPEN ACCESS DATA

IN THIS TALK, DR CHRIS YULE FROM THE CSIRO TAKES US THROUGH AN EXPLORATION OF WHAT LIES BENEATH THE CANNING BASIN, ONE THE OF THE LARGEST AND DEEPEST BASINS IN AUSTRALIA. IN ORDER TO MAP THE GEOLOGICAL STRUCTURE OF THIS REGION, DR CHRIS AND HIS TEAM CONSTRUCTED A 3D SEISMIC STRATIGRAPHIC MODEL WHICH INTEGRATED VAST AMOUNTS OF PAST DATA FROM OFFSHORE AND ONSHORE REGIONS. SEISMIC HORIZON MAPPING ACROSS THE ONSHORE-OFFSHORE TRANSITION OF THE CANNING BASIN WAS CONDUCTED ON 13 KEY STRATA, RESULTING IN SEVEN PALEOZOIC UNITS OF THE CANNING BASIN BEING MAPPED OFFSHORE FOR THE VERY FIRST TIME.

HOWEVER, MAPPING DEEPER STRATA INVOLVED GETTING AROUND THE LARGE AMOUNTS OF IGNEOUS ROCK. SINCE UNDERSTANDING THE DEPTH AND GEOMETRY OF HIDDEN STRATA COULD HAVE IMPORTANT IMPLICATIONS FOR BASIN EVOLUTION AND RESOURCE POTENTIAL OF THE CANNING BASIN, IT WAS NECESSARY TO FIND A SOLUTION TO THIS PROBLEM.

BY CONDUCTING COMPARISONS OF SEVERAL SEISMIC DATASETS IN 3D SPACE AND ANALYSING SEISMIC ACQUISITION PARAMETERS, DR CHRIS GAINED INSIGHTS INTO THE IDEAL PARAMETERS REQUIRED FOR IMAGING BENEATH THESE LAYERS OF IGNEOUS ROCK AND DISCOVERING DEEPER DEPOCENTERS. CONTINUED RESEARCH INTO THE MAFIC IGNEOUS REGIONS IN THE CANNING BASIN REVEALED A PREVIOUSLY UNKNOWN MAFIC MAGMATIC PROVINCE NOW KNOWN AS THE NORTHWEST SHELF MAGMATIC PROVINCE. THE FORMATION OF MAFIC MAGMATIC PROVINCES ARE SIGNIFICANT GEOLOGICAL EVENTS THAT CAN DRIVE MASS EXTINCTIONS AND CONTINENTAL RIFTING, AND CAN INFLUENCE BASIN EVOLUTION, PETROLEUM PROSPECTIVITY AND MINERALIZATION. BURIED MAGMATIC PROVINCES, HOWEVER, ARE RARELY IDENTIFIED AND DIFFICULT TO DEFINE. THIS NEW MAGMATIC PROVINCE IDENTIFIED BY DR CHRIS HAS THE POTENTIAL BENEFIT OF ENABLING LARGE SCALE CO2 SEQUESTRATION AND EXPLORATION FOR NEW RESOURCE OPPORTUNITIES.

**Roebuck Basin** 

Lagrange 1 Bedout 1

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## CSIRO Marine Geophysicist DR. CHRIS YULE

SPEAKER

East Crab

Crab\_Creek\_1\_Hilltop\_1

Dr Christopher Yule is a marine geophysicist with the Geophysical Survey and Mapping team at CSIRO. His role at CSIRO is to collect, process and interpret geophysical data acquired onboard the R.V. Investigator. Chris has completed a PhD from James Cook University where he conducted seismic stratigraphic analysis of the Canning Basin. Published results include mapping of 12 the stratigraphic units across onshore/offshore Canning Basin. identification of seismic acquisition parameters for sub igneous rock imaging and classification of the Northwest Shelf Mafic Magmatic Province. Chris' previous role was a data analyst in the AusSeabed team at Geoscience Australia, where he processed and published bathymetry data. engaged with government, academic and industry stakeholders, and developed guidelines for the marine science community.

AUSTRALIAN INSTITUTE OF PHYSICS

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# The Royal Society of Tasmania and the Geological Society of Australia

THE ROYAL SOCIETY OF TASMANIA

THE ADVANCEMENT

OF KNOWLEDGE

Geological Society of Austra

# **Dr Michael Roach Making it 'Real'**



# Geological Visualisation Methods for Research, Education and Public Outreach

- when: 1.30 pm Sunday 10th September 2023
- where: Meeting Room, QVMAG at Inveresk
- admission: Free for members of the Royal Society of Tasmania and the Geological Society of Australia
  - \$6 general admission
  - \$4 for students, QVMAG or TMAG Friends, and members of Launceston Historical Society



Methods for generation of geometrically-correct, three dimensional, photorealistic, virtual models have developed rapidly in the last decade. These techniques are applicable at a wide range of scales and are very suitable for digitising both natural geological exposures and geological specimens.

This presentation will outline methods for generation of 3D digital models and will showcase selected models from around Australia drawn from the AusGeol virtual library. The use of these 3D models, virtual tours, and new analysis software will be showcased for applications in geological education, geological research and public outreach.

Dr Michael Roach is a geophysicist and long-term staff member in the discipline of Earth Sciences and CODES at the University of Tasmania. About 10 years ago Michael saw the potential for the application of emerging digital visualisation methods for geological education and research. Since then, he has pioneered the application of these techniques for teaching, research projects and public outreach.



Generously supported by City of LAUNCESTON QUEEN VICTORIA MUSEUM & ART GALLERY

2023 Launceston Lecture Series



### Subglacial Geology and hydrology workshop

Join us for a three-day workshop on subglacial hydrology and geology at Tarraleah from October 10th to 12th. The workshop aims to enhance our understanding of Antarctic subglacial conditions through interdisciplinary discussions. During the workshop, we will have exciting excursions to explore the postglacial landscape in Tasmania.

The early bird registration is \$520, which includes local transport and full-board accommodation at Tarraleah. To register and access more details about the workshop, please visit: <u>https://payments.utas.edu.au/Register/booking</u> and find the event.

We also invite abstract submissions related to the workshop's theme. Please send your abstracts to <u>tarraleah2023@gmail.com</u> before August 20th for consideration.

For any questions or further information, don't hesitate to get in touch with Toby at tobias.staal@utas.edu.au.



# The 13<sup>th</sup> Annual Tasmanian Geoscience Forum

To be held at Tullah, Tasmania on Thursday, 30<sup>th</sup> November 2023 Register to attend and Expressions of Interest for Speakers & Sponsors

### **Seminar Overview**

The AusIMM Tasmania Branch, GSA, AIG and Mineral Resources Tasmania are pleased to bring you the 13<sup>th</sup> Geoscience Forum. The purpose of this forum is to gather geoscientists in one pleasant place to share their progress in exploration, mining and research.

This event is for sharing geologically focused results and ideas and for learning more about geology, in particular the geology of Tasmania.

https://www.ausimm.com/conferences-and-events/community-events-details/tasmania-branchgeoscience-forum/

This year we will have improved AV - so better vision and sound for our guests.

## **Expressions of Interest for Guest Speakers**

Please email Sheree Armistead if you have any suggestions for speakers.

Email Sheree.Armistead@utas.edu.au

## Field Trips Friday, 1st December 2023 Organised by the AIG and GSA

Field trips are planned the day after the Forum to visit historic and geological sites of interest.

### **Sponsorship Opportunities**

We welcome sponsors to assist in this event. Display tables will be available at the venue. Contact John Stanton to become a sponsor.

### **Event Details and Location**

Date: Thursday, 30th November 2023

Time: 9.00am – 5.00pm Forum 7.00pm Forum Dinner

**Location:** Tullah Lakeside Lodge 56 Farrell St, Tullah 7321, Tasmania

### Registrations

Registrations now open for 2023- Click on link to register <u>https://ausimm.eventsair.com/39301-tasmania-branch-2023/the-13th-annual-geoscience-forum-geobash</u>

2023 registration rates are as follows.

Member rates are applicable to AusIMM, GSA or AIG members.

Combined seminar and dinner Member \$165 Non member \$185 Student \$130

Seminar only member \$80 Seminar only non member \$100 Seminar only – Student \$65 Dinner only \$90 You can book your own accommodation direct with the venue - Mention the AusIMM Geoscience Forum 2023 to get access to rooms held for this event.

## Accommodation

Please book direct and mention AusIMM Geoscience Forum. We have pencilled in a block booking-rooms will be held till Oct 15<sup>th</sup> then released.

Room Type	Room Rate (per night)
Budget Double	\$120
Standard Double	\$130
Standard Queen	\$140
Premium Queen	\$150
Lakeview Queen	\$150

Rates quoted are per night.

\*We have been notified by the host, that the cost of accommodation will be refunded if this event is cancelled due to Covid and 24 hours notice is given.

Tullah Lakeside Lodge 0364734121, email info@tullahlakesidelodge.com.au

#### www.tullahlakesidelodge.com.au

Other room configurations are available via direct contact with the venue.

#### **Covid-19 Notice**

The venue Seminar room is large enough to seat up to 100 guests under current COVID-19 rules. This event is planned on the basis that the current COVID-19 rules still apply in December.

Thank you for your interest in Geobash 2023 on behalf of the organising committee. John Stanton

email john.stanton@epiroc.com

This event is co-hosted by



Tasmanian Government





Sponsors







**Ron Gregory Prospecting**