

2021 CHAPTER REPORT



Each national chapter is required by IAH Rule 6.5 to provide an annual report on its activities. This helps us to report the Association's activities and is published on the IAH web site. It is also expected that, under the terms of the chapter's constitution or rules, the national committee will make an annual report to members in their country.

1. ABOUT YOU

Your name	Kelly-Jane Wallis
Email address	kwallis@slrconsulting.com
Role/responsibility held in chapter	President of Australia

2. YOUR CHAPTER'S INFORMATION

Is your chapter's information correct on IAH's website: https://iah.org/groups/national-chapters Please tell us of any changes now and each time a new committee is chosen.	Yes
Does your chapter have its own website? If so, please confirm the URL. If you do have a website, who is responsible for its management? Please provide contact details.	Yes https://www.iah.org.au/ Secretary: Cathy Reidy (secretariat@iah.org.au)
Would you be interested in IAH hosting your chapter's website/providing support? As an example, see https://germany.iah.org/ .	Thank you, however we have invested time and money into our own website over the last couple of years and would prefer it continues as is
Does your chapter have an elected committee? If yes, how often are elections held and how are they managed e.g. postal/email vote/at meetings?	Yes, elections are held at an Annual General Meeting. This meeting is held online.

3. LOCAL MEMBERSHIP

How is local membership status and trends? e.g. stable, declining, increasing.	Approximately stable at about 525 members. Member numbers fluctuate with the groundwater conference.
What are your challenges to recruitment? e.g. volunteer time/limitation, IAH fee rates, competition from other societies, language, etc.	Volunteer time is our biggest challenge. For this purpose our secretary is a part time paid position. This is also challenging as it creates financial stress to the Chapter

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4. YOUR CHAPTER'S ACTIVITIES IN 2021

<p>Did your chapter hold an annual meeting (AGM-style)? If so, please advise:</p> <ul style="list-style-type: none"> • Date and place of meeting • Approximate number attending 	<p>Yes</p> <p>Thursday, 20 January 2022 5:30 PM-6:30 PM</p> <p>Online</p> <p>29 attended</p>
<p>Did your chapter hold other events e.g. technical and scientific meetings, seminars, conferences, field visits, training events?</p> <ul style="list-style-type: none"> • If you have already reported these to the IAH Secretariat, only summary information is required. • If not, these please provide a summary of dates, location, number of participants, topics, etc. and how successful you felt each event was. • Do you have photos we can use? • Are your events open to IAH non-members? • Did you hold events in partnership with others e.g. a national society, company, institution? 	<p>A summary of events is found on the last page of this document.</p> <ul style="list-style-type: none"> • Yes, events are open to IAH non-members • There was an event in partnership with others: AIG, GSA, PESA and ASEG for an industry wide Student-Industry Mixer Event

5. YOUR CHAPTER'S PLANS

<p>Do you have any activities or tasks planned for 2022?</p> <p>If yes, please provide brief details, including if your plans are limited because of e.g. lack of funds or local interest/volunteer support to help</p>	<p>Yes, we have the Australasian Groundwater Conference in November 2022. We have dedicated and motivated people to get this up and running.</p> <p>https://agc2022.com.au/program/</p> <p>Each state also organises technical talks and networking events</p>
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6. ADDITIONAL COMMENTS

<p>Please use this section to make any additional comments/suggestions e.g. what support from IAH centrally might assist your chapter, future plans you would like to see for IAH</p>
<p>IAH Australia does not need any assistance as such, however, I would like to see how the National Chapters can collaborate to some degree.</p>

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Month 2021	
March	<p>Jeremy Haynes - Application of Oil and Gas Production Technologies for Mine Dewatering in Complex Environments When: 5:00pm-5:45pm, March 4 Where: Teams (online)</p> <p>Professor John Webb - Nitrate and Ammonia in Melbourne Groundwater When: March 9 Where: Teams online - Vic</p> <p>Ian Callow - Rio Tinto Hydrogeological challenges in operations the Diavik Diamond Mine in the Canadian Arctic When: 5:00pm-5:45pm, March 25 Where: Online</p> <p>Anastasia Boronia/Geoff Beale - Open Pit Slope Depressurisation Study for Olimpiada Gold Mine When: March 31 Where: Online - WA</p>
April	<p>Neil Mainwell AGE Setting your groundwater models free; overcoming false accuracy using rapid data assimilation". Where: QUT Gardens Point, Block S, room S-408 + Townsville live event When: Thursday 22 April, 5-7pm</p>
May	<p>Ian Acworth - Don't Forget the Geology in Hydrogeology When: May 11 Where: Online NSW</p> <p>Social Event When: 5:30pm, May 20 Where: Buffalo Bar, 169 Mary St, Brisbane CBD (QR scan Check in on arrival) Cost: IAH Members free, Non-members \$10 (including students)</p>
June	<p>WA Mid-Year Social Night Where: Shoe Bar & Cafe When: June 24</p> <p>Title: Springs and spring water uses in France and Europe Presenter: Alexis Valenza, Valenza Engineering Where: Vic online When: June 22</p>

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July	<p>Presenter: Noel Merrick Title: Reminiscences of Pioneering Days in Groundwater Monitoring, Groundwater Geophysics and Groundwater Modelling in NSW When: July 20 Where: NSW online</p> <p>Title: Discounter of delineation of a groundwater mineral resource Presenter: Chris Shaw Where: Central Park & online When: Tues, July 20</p> <p>Title: Periodic hydraulic testing methods for estimating subsurface hydraulic properties Presenter: Chris Turange Where: SA Online When: July 26</p> <p>Title: Avoiding “Day Zero”, by using an MAR approach in South Africa Presenter: Hugo Marais, Principal Hydrogeologist, Advisian, Brisbane, QLD, Australia When: 5pm, Wednesday the 28th of July Where: Live Teams event</p>
Aug	<p>Title: Recollections from early years in hydrogeology Presenter: Don Woolley Where: NSW online When: Aug 10</p>
Sept	<p>Title: Simulation of complex spatial structures in a Bayesian inversion framework for uncertainty quantification Presenter: Guillaume Pirot Where: Qld online When: Sept 7</p> <p>Title: The Beginnings of Groundwater Use by Hominins and its key to Migrations by Homo Erectus across Africa Presenter: Professor Michael Knight When: Sept 14 Where: IAH NSW online</p> <p>Presenter: Chris Dickinson, Principal Hydrogeologist at KCB Title: Conceptualisation of the Condamine Alluvium When: 5pm, Thursday, Sept 16 Where: Live Teams event</p>

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	<p>Title: Dating Groundwater - Some perspectives on an often-misunderstood pursuit Presenter: Ian Cartwright Where: Online When: Sept 28</p>
Oct	<p>Title: Hydrogeology from the 1990s - Contaminated Sites Presenter: Rod Harwood When: Tues, Oct 12 Where: Online NSW</p> <p>AIG, GSA, PESA and ASEG for an industry wide Student-Industry Mixer Event. Where: The Fox Hotel, Arcadia Room When: Oct 14 2021</p> <p>Title: (Re) Building landscapes: Groundwater in complex closure designs Presenter: Kirsty Beckett Where: Central Park, Perth & Online When: Thurs, Oct 14</p>
Nov	<p>Sanjeev Pandey (Ann Bui) Underground Water Impact Report (UWIR) 2021 for the Surat Cumulative Management Area in Queensland, Australia. When: Nov 18 Where: 1 William St, 4000 Brisbane and Online</p> <p>WA Student Night & AGM Agenda When: Thurs, Nov 25 Where: Central Park, Perth</p>
Dec	<p>NSW Tech talk & Social EOY Presenter: Professor Bradley Moggridge Where: Online 7 WSP Office, Sydney When: Tues, Dec 14</p> <p>Qld Christmas event When: 1st Dec Where: City Winery, Fortitude Valley</p>