



Annual report
2019-2020





“Planetary health leads to our health.”

DEA Scientific Advisory Committee member
Prof Fiona Stanley, Epidemiologist

Doctors for the Environment Australia's members live and work around Australia. We would like to acknowledge Aboriginal and Torres Strait Islander peoples as the Traditional Owners of these lands, in the spirit of reconciliation. We recognise that First Nations peoples have cared for Country and lived sustainably for millennia, and that sovereignty of this land was never ceded. We pay our respects to First Nations Elders past and present, and to emerging leaders.

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Co-chair's letter

The past year has been one of unprecedented health emergencies, with the COVID-19 pandemic following so soon after the prolonged drought, heat waves and devastating bushfires of the 2019/2020 summer. Bringing into sharp and lethal focus the threats on health and wellbeing of environmental degradation and destruction of natural habitats and ever rising global temperatures.

The death and destruction from the bushfires (33 direct deaths and over 400 more estimated from the impacts of heat stress and smoke inhalation) and the mental health toll and economic hardship will be felt for decades. Some 1-2 billion native animals perished in the fires and many others will have done so since because of the loss of habitat. Agricultural livestock and domestic animals perished during the blazes and the damage to infrastructure was extensive.

Yet before the nation had time to assess the Summer's damage the COVID-19 pandemic brought further unprecedented challenges to our health, lives and personal and professional circumstances.

DEA is a medical organisation with many members of DEA in active medical practice, or studying, in clinical situations. We are truly grateful to those who have been called on to care for others during this often dangerous period. Further, so many, including several of our Scientific Advisory Committee, although impacted significantly in both their work and personal activities by both public health emergencies, have worked tirelessly to raise awareness and safeguard our health and future.

This Annual Report highlights some of the many extraordinary activities that DEA has accomplished during 2019/20.

A Climate Health Emergency petition signed by several thousand doctors was launched before the Summer of fires, and resulted in several major colleges joining the AMA to declare a Climate Emergency. Collaboration with medical and other health organisations will remain a top priority for DEA and was evident also with the Expert Position Statement on health-based ambient air pollution regulation standards.

The No Time for Games initiative led Hon Zali Steggall, Federal Member for Warringah, to table and speak to a motion in the Federal Parliament in September 2019 linking climate change to its impacts upon children in particular. A media launch of a petition to Parliament on this matter was held in front of Federal Parliament.

DEA submitted to the Royal Commission into Natural Disasters following the bushfires and continue to emphasize that climate change remains a health emergency with longer term impacts that are likely to exceed those of the pandemic.

DEA has produced several widely shared videos including the very successful #TurnOffTheGas, COVID-19 and climate change clips featuring our frontline doctors and further video material highlighting solutions.

Much work has been done in relation to the Review of the Environmental Protection and Biodiversity Act with significant associated media and direct advocacy to Hon Sussan Ley, Federal Minister for the Environment.

DEA's AGM was held in October 2019 and was an excellent event attended by many who were also privy to an inspiring address by Lizzie O'Shea, well

known human rights lawyer and commentator. Unfortunately, DEA's annual educational conference, iDEA, could not occur due to COVID-19. We would like to sincerely thank the Canberra team who had worked so hard towards it and put together an inspiring program.

DEA has now been in existence for almost 20 years. It remains committed to its fundamental objectives and bases all its work upon strong scientific evidence. It exists to uphold its Mission 'To protect health through care of the environment' as it aims to translate the evidence and educate for public action and policies that protect the health of present and future generations.

DEA is a unique and valued voice in unprecedented times and during the last year DEA has continued its significant organisational developments to ensure it can expand its influence and reach as effectively and efficiently as possible to meet its Vision 'Healthy Planet, Healthy People'. Our five-year Strategic Framework was launched in February and continued organisational changes have been progressed. Both these processes have been assisted significantly by the appointment of Denise Cauchi, as Executive Director of DEA in November 2019, and the commissioned assistance of Jeremy Hobbs.

The last year has also seen the move of the DEA office from Adelaide to Melbourne with resulting staff changes. On behalf of all at DEA we would like to express our immense gratitude to Joy Oddy, who was based in DEA's Adelaide office, for her dedication to DEA over almost a decade and wish her all the very best for future endeavours. We would also like to welcome Kylie Astell, our Melbourne based Office Manager.

Finally, we would like to acknowledge and thank all of DEA's past and current staff (Joy, Denise, Carmela and Kylie) for all that has been achieved during the year and, of course, the hundreds of individual doctor and student members of DEA whose input and actions have been invaluable and make DEA what it is.

Kingsley Faulkner & Eugenie Kayak **Co-Chairs, DEA**



Executive Director letter

The back-to-back crises of the past year have been a deafening wake-up call: climate change is here, and the consequences of environmental destruction are borne by all of us.

DEA's doctors were on the frontline of the bushfire emergency, treating thousands for the effects of bushfire smoke and survivors for the physical and psychological impacts. Doctors were interviewed by the media about heat and smoke, wrote opinion pieces, delivered presentations, wrote submissions to the Bushfires Royal Commission and met with MPs to get a simple message across – this is climate change in action, and it is a public health emergency.

Amid the suffering wreaked by the COVID-19 pandemic, there have also been signs of hope. We have seen what our government and leaders around the world are capable of when they respond to a public health emergency by listening to the science and acting decisively. Doctors' voices are trusted more than ever. It is DEA's task to utilise that influence to show that climate change is no less a public health emergency, which demands an even greater response and steadfast political will.

Our new strategic framework, launched in early 2020, provides a roadmap for reframing climate change as a health emergency. We believe this has the power to depoliticise the climate debate and speak to the vast majority of Australians.

DEA is its members. Our doctors and medical students are in all states and territories, and are intimately linked into their communities, practices, hospitals and universities. They have campaigned

locally to oppose the Narrabri gas project in NSW, worked alongside First Nations communities and local councils to stop oil drilling in the Great Australian Bight, and fought to protect the Tarkine in Tasmania, to name a few. Our work will continue to grow as our numbers continue to increase. The signs are good, as over 800 new members joined in the past year.

On a more personal note, it has been a real pleasure and privilege to join the team this year and work alongside our talented and dedicated doctors and students. I hope you enjoy reading this annual report, and are as inspired by the work of our members as I am.

Denise Cauchi
Executive Director



Year at a glance



168

DEA article mentions or quotes

194

Number of publications reached

85

Articles authored by DEA members as op-eds

3

Widely shared videos produced

27

MP visits

25

Government submissions



A DEA open letter to Sussan Ley MP about the EPBC Act review was released in **180 publications** in Australia and overseas.



Office moved a new premise in Melbourne, 60L Building



Strategic Framework Launch

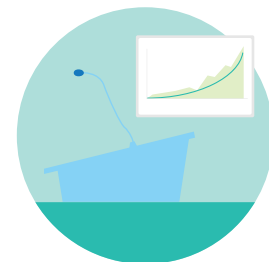
197%

Increase in new members



2018/19

2019/20



20+ presentations at forums, hospital Grand Rounds, and meetings.

15 lectures or workshops at professional scientific meetings.

Strategic framework

DEA's 2020-2025 plan for realising our vision for a Healthy Planet, Healthy People was launched on Feb 15th 2020. These next five years will be a critical time for action on climate change and other environmental harms: this road map will ensure our organisation is well placed to lead on addressing these enormous challenges.

DEA will build on its reputation for high-quality, evidence-based information to inform progressive policy on climate change. An area of significant growth will be a more deliberate approach to campaigning, involving partnerships and collaborations with other organisations.

Strategic aim:

Human health is at the heart of the climate emergency response.

Goal 1:

Campaigning and public awareness

Objective 1: Develop campaign capacity

Objective 2: Increase community mobilisation

By 2025 DEA will have contributed to widespread public recognition that human health is being seriously harmed by the climate emergency and environmental degradation and destruction.

Goal 2:

Public and political influence

Objective 3: Increase influence & education impact

Objective 4: Amplify public voice

Objective 5: Strengthen public brand

By 2025 DEA will have increased and strengthened its public policy and scientific capacity, leading to improved policy outcomes and actions. It will be the 'go-to' organisation on climate-related health impacts, policies and practices.

Goal 3:

Organisational change

Objective 6: Secure sustainable income

Objective 7: Grow membership

Objective 8: Strengthen financial management

Objective 9: Transform governance

Objective 10: Secure appropriate staffing levels

By 2020 DEA will raise over \$500,000, and by 2025 DEA will be a self funding \$2 million organisation with greater power and influence. It will have strengthened governance and management, and established an effective fundraising program. DEA will have recruited 5% of all Australian doctors as financial members and 10% of medical students.

Campaigning & public awareness

By 2025 DEA will have contributed to widespread public recognition that human health is being seriously harmed by the climate emergency and environmental degradation and destruction.

There's no time for games

In early 2018, DEA launched a national campaign – No Time for Games – to highlight the impacts of climate change on children's health. The campaign started with many face-to-face meetings and discussions with medical colleagues and moved on to talks with representatives from medical colleges about the urgent need to address one of the biggest and most urgent threats to children's health – climate change.

Ultimately, more than 2500 health professionals across Australia signed a pledge calling for an effective whole-of-government approach to climate mitigation, for steps to strengthen health systems to cope with our changing climate, the greening of healthcare, and for divestment from fossil fuel companies.

No Time for Games (NTFG) was endorsed by many Australian medical colleges, including:

- Royal Australian College of General Practitioners (RACGP)
- Royal Australian College of Physicians (RACP)

- Australian College of Rural and Remote Medicine (ACRRM)
- Australian College of Sports and Exercise Physicians (ACSEP)
- Australian College of Emergency Medicine (ACEM)
- Australian Medical Students Association (AMSA).

Our impact

- Helped bring Zali Steggall's Climate Change Bill to Parliament.
- Pledges from over 2,500 healthcare professionals and 11 major health organisations.
- Substantial increase in DEA membership.



The campaign's other successes were a substantial membership increase for DEA and the construction of a database of doctors and organisations who have pledged their support.

The campaign was wrapped up in September 2019 when a delegation of DEA members and eminent guests including Dr Sue Packer OA, delivered the pledge to leaders, Mark Butler MP, Helen Haines MP, Zali Steggall OAM MP, and Andrew Wilkie MP outside Parliament House in Canberra.

A major impact of the NTFG campaign was a parliamentary motion proposed by Zali Steggall, calling on the government to decarbonise by 2050 to reduce the intensity and occurrence of extreme weather events.

The NTFG campaign was coordinated by long-standing DEA member Dr Ingo Weber and based on a report of the same name, co-authored by child health expert Professor Fiona Stanley in 2015 and updated in 2018.

"There is a moral injury we do to ourselves when we do not act. It is not in our nature as part of the caring profession to do nothing in the face of harm to others, especially children, those least responsible and yet most vulnerable to the effects of climate change."

DEA Honorary Secretary Dr Richard Yin, GP
[The New Daily](#)



From second left - Dr Kim Loo, Dr Ingo Weber, Mark Butler MP, Dr Sue Packer, Zali Steggall OAM MP, Helen Haines MP, Dr Arnagretta Hunter, Prof. Kingsley Faulkner AM.



Emergency declaration campaign unites medical sector

Climate change has been polarising as an environmental issue but doctors have declared it a public health emergency. In September 2019, DEA embarked on a campaign to encourage medical colleges to recognise climate change as a public health crisis. The Emergency Declaration campaign was designed to bring respected voices of doctors into the public arena, uniting the health sector in calling for climate action and framing climate change in terms of health.

DEA's Emergency Declaration campaign was launched when drought conditions and an early hot summer already threatened extreme heatwaves and bushfires. Letters were sent to all medical colleges and the Council of Presidents of Medical Colleges. A petition was established for doctors to sign online, and DEA members were recruited to advocate for decisions within their colleges.

Seven colleges representing 70% of Australian doctors declared a Climate Emergency during the summer, along with Australian Medical Students Association (AMSA):

- Royal Australian College of General Practitioners (RACGP)
- Royal Australian College of Physicians (RACP)
- Australian College of Emergency Medicine (ACEM)

- Royal Australian and New Zealand College of Psychiatrists (RANZCP)
- Australian College of Rural and Remote Medicine (ACRRM)
- College of Intensive Care Medicine (CICM)
- Australian & New Zealand College of Anaesthetists (ANZCA)

In addition, 2300 individual Australian doctors have signed the petition.

Our impact

- Seven Australian medical colleges representing 70% of Australian doctors have declared a climate health emergency.
- 2300 individual doctors have signed to declare a climate health emergency.
- The medical profession is now more centred on climate and health advocacy.

We have seen a stronger internal commitment to advocate on climate change within the member base of a number of colleges. Within several colleges that did not declare, we have seen stronger position statements and a move towards action.

The medical profession is now more centred on climate and health advocacy rather than seeing climate change at the periphery of its priorities. DEA's Emergency Declaration campaign, the No Time For Games campaign of 2019 and other initiatives have played a large part in this.

The campaign arose at the beginning of a season with an ominous set of climatic conditions. It could never have foreseen the true disaster of the 2019-20 summer that eventuated. Nevertheless, it managed to highlight an issue that as a profession we needed to acknowledge is part of our responsibility as doctors. We need now to build on that understanding and help

shape real policy change, bringing the weight and power of the whole of our profession to advocate for change.

Richard Yin was the main driver of this campaign. He and the team must be congratulated for their enthusiasm and determination.

"Clean water, a healthy climate, and access to good food — all these are threatened under climate change."

DEA Honorary Secretary Dr Richard Yin, GP
[Perth Voice Interactive](#)



Dr Richard Yin



Protecting our environment one Act at a time

Australia is one of the most biodiverse places on the planet. Australians are blessed with incredible wildlife, plants and ecosystems which must be protected not only for their inherent value, but also because they underpin our own health and wellbeing.

The current federal environment law – the Environment Protection and Biodiversity Conservation Act (EPBC Act) – is abjectly failing to protect these environments. Australia has the highest rate of mammalian extinction, and the second highest rate of biodiversity loss in the world and is globally recognised as a land clearing and deforestation ‘hotspot’. Australia’s scarce water resources are in decline and some of our marine habitats, including the Great Barrier Reef, face collapse. Climate change, one of the biggest threats to our natural environment, biodiversity and to human health, is not considered by the EPBC Act at all.

The 2019-20 once-in-a-decade review of the EPBC Act is a vitally important opportunity to strengthen the act so it can properly protect Australia’s environments.

DEA’s Biodiversity Special Interest Group has written a [detailed submission](#) to the review. DEA collaborated with the Climate and Health Alliance (CAHA) to write an [open letter](#) to Federal Environment Minister Sussan Ley outlining our concerns. This was signed by 19 health groups and over 180 health professionals

including Professor Peter Doherty, Professor Fiona Stanley and Dr Rosemary Stanton - members of DEA’s Scientific Advisory Committee. The uptake of this letter was extensive, and it was reported in over 160 media outlets.

Subsequently, DEA and CAHA met with Sussan Ley MP in June 2020, to further the case for strong environmental protections for the sake of human health. Dr Katherine Barraclough also met with Shadow Environment Minister, Terri Butler’s chief of staff about the EPBC Act.

Our impact

- Together with CAHA, sent an open letter to Sussan Ley, co-signed by 19 health groups and 180 health professionals.
- Met with federal Environment Minister Sussan Ley
- Met with Shadow Environment Minister Terri Butler’s COS
- Provided detailed submissions to the EPBC Act Review and to Australia’s faunal extinction crisis
- [Biodiversity Policy Paper](#)

DEA received substantial positive feedback from other environmental and health groups regarding the power of our health message and the publicity we obtained. Successful collaboration, particularly with CAHA, has definitely increased awareness of the links between biodiversity and healthy ecosystems and our health.

The Biodiversity Special Interest Group with support from David Shearman submitted a response to the Senate Committee's interim report on Australia's faunal extinction crisis.



“We should be talking about investment in society, investment in environment and biodiversity. It’s an investment, not a cost. The cost comes from not doing it.”

DEA Scientific Advisory Committee member Prof Fiona Stanley, Epidemiologist
[The Guardian](#)



COVID recovery and gas

The COVID-19 pandemic has impacted the world in ways we would have previously thought impossible. The tragic loss of life in Australia and overseas has seen health placed front and centre of government actions and policies. The outbreak is a threat to the Australian and worldwide economy, and has unfortunately provided some sectors with an opportunity to push the gas industry as part of our economic recovery.

In May 2020, DEA joined over 350 health organisations across the globe, representing 40 million health professionals, demanding a healthy recovery from COVID-19 – the largest-ever worldwide mobilisation of the health sector. [#HealthyRecovery](#) called for G20 leaders to invest in key sectors such as health care, transport, energy, and agriculture. These investments would reduce air pollution, scale up renewable energy infrastructure, increase public transportation, curtail fossil fuel subsidies, and reduce greenhouse gas emissions.

In Australia, the federal government established the National COVID-19 Coordination Commission (NCCC) Advisory Board. Rather than considering the other major global health threat of climate change, the NCCC has supported further expansion of the gas industry, at odds with expert scientific and health advice.

In June, DEA launched a campaign and video message

Our impact

- Joined over 350 health organisations across the globe calling for a [#HealthyRecovery](#)
- Launched a video campaign [#TurnOffTheGas](#)
- Continued campaigning against the Narrabri gas project
- Published a new factsheet - Home Gas Appliances and your Health

[#TurnOffTheGas](#), warning that a gas-led pandemic economic recovery plan would be hazardous to health and cost lives. The call was accompanied by a petition calling for a recovery based on renewables that will lower emissions and improve health and environment. DEA linked the petition to a [fact sheet](#) outlining responses to six frequently asked questions about gas and dispelling the myths of gas as a viable ‘transition fuel’ that creates more jobs and lowers prices.

DEA has also been strongly opposing the NSW Narrabri gas project. Dr Helen Redmond spoke on Narrabri at DEA's NSW Parliamentary event in

August 2019, and liaisons formed with RACP, NSW AMA and politicians helped bring DEA's advocacy into parliament. Kate Faehrmann (NSW Greens) was the main sponsor of DEA's Parliamentary event, and she subsequently became the chair of the NSW Parliamentary Inquiry into Coal Seam Gas (CSG), which rejected CSG for NSW. The NSW Legislative Council passed a motion earlier this year calling for a moratorium on CSG in NSW, which was unfortunately blocked by the NSW Legislative Assembly, but only marginally.

In NT and WA, there will be a massive expansion

in gas exploration and LNG export over the coming years. DEA has written multiple submissions and spoken out about the climate and health impacts of this industry, and about the problems and hazards of Chevron's Carbon Capture and Storage plan for WA.

This year DEA also published a new factsheet - [Home Gas Appliances and Your Health](#). DEA supports the mandatory installation of non-gas heating and cooking appliances in all new homes and the gradual

"Gas is a polluting fossil fuel that puts Victorians' health and safety at risk"

DEA Victoria chair Dr Katherine Barraclough, Physician [Renew Economy](#)

Screenshot from the video #TurnOffTheGas

#Turn off the Gas

Doctors warn gas is a health hazard

Add your voice to #TurnOffTheGas

As GPs, specialists, and medical students we have a duty of care to raise

Sign our Petition

This year we have lived through bushfires and a pandemic, worsened by the impacts of climate change. We have seen the government respond to science and the advice of health professionals in its COVID response. Our recovery from COVID must also be sustainable, and not driven by fossil fuels.

Despite increasing concerns from health professionals and the general public, the government is moving towards a gas lead recovery. Gas is ...

Dear Prime Minister ,

Australia has listened to the experts and has done well to manage the pandemic medical emergency.

Building DEA's campaigning capacity

Campaigning has emerged as a new priority under DEA's strategic framework. DEA plans to run coordinated national campaigns that put health firmly at the forefront of climate and environment debates. We will also be collaborating with a range of other organisations to maximise our reach and impact.

While over the years much of DEA's advocacy work has involved campaigning (contributing to the closure of the Port Augusta coal fired power station in 2016, and promoting children's health in the No Time for Games campaign in 2018-19, to name two examples) this is the first time that campaigning has been identified as a core area of our work.

This year we have begun to build the campaigning capacity of our members. In February, a national campaign workshop brought 23 DEA members to Melbourne for training and a shared understanding of campaigning and advocacy planning. James Whelan from The Change Agency assisted the group to develop potential campaigns, and DEA is now working on an air pollution initiative and a national advocacy campaign.

A national campaigns committee was established in May to oversee DEA campaigning and support the work of DEA members.



DEA members from all around Australia came to Melbourne for a campaigning workshop.

"As doctors who are on the front-line of care, we can see the impacts of climate change are having very real consequences on people's lives. If our politicians fail to listen to the science, they are undermining the future environmental conditions that support the health and wellbeing of today's young people."

DEA Honorary Secretary Dr Richard Yin, GP
[The New Daily](#)

Collaborating for change

DEA has also been supporting other groups' campaigns:

School Strikes 4 Climate

DEA showed a strong presence at the School Strikes for Climate (SS4C) on September 20th when hundreds of thousands of schoolchildren and adults rallied in cities all over Australia for more government action on climate change. DEA with other health groups and the Australian Medical Students' Association collaborated with SS4C to come together under a 'Health Strike for Climate' banner.



DEA members and friends supporting SS4C - Drs Catherine Reidel, Abbie Bingham, Mary-anne Hockings, Andrew Pratt.

Safer walking and cycling spaces in COVID-19

DEA was one of 100 health and transport groups that signed an open letter calling for better infrastructure to improve active transport options. The letter was addressed to state and federal transport ministers asking them to widen footpaths, add bicycle lanes, slow or ban traffic on some roads and remove manual pedestrian buttons to support safe social distancing measures during COVID-19. The demands have received widespread media attention but so far no action from government.



DEA members supporting SS4C in Adelaide - including Drs Chris Juttner, Vienna Tran (student), Graeme McCleay, Rob Ferris, John Willoughby, Eleanor Evans, Doug Shaw, Ingo Weber.

Public & political influence

By 2025 DEA will have increased and strengthened its public policy and scientific capacity, leading to improved policy outcomes and actions. It will be the 'go-to' organisation on climate-related health impacts, policies and practices.

Educating for a better future

Education about the connections between health, climate change and the environment underpins all DEA's work. DEA provides information to a wide audience, including the public, politicians and the health sector, translating and communicating the scientific and research evidence on every issue.

DEA's published resources are available on the website. This year's new fact sheets by DEA are on:

- Home Gas Appliances and Your Health
- Heatwaves and Health in Australia
- Food for Healthy People, Healthy Planet

Every face-to-face meeting - and now every Zoom meeting - provides an opportunity to lend passion and personality to educational material, sparking conversations, networking and inspiration. This year, DEA members have:

- Provided speakers at over 35 forums, Grand Rounds and meetings with audiences ranging from hospital clinicians to community groups.
- Presented over 15 lectures and workshops at Professional Scientific Meetings, such as the Annual Conferences of the Royal Australian College of General Practitioners (RACGP), Royal Australian and New Zealand College of Psychiatrists (RANZCP), Australia and New Zealand Intensive Care Society (ANZICS), Australasian College of Nutritional and Environmental Medicine (ACNEM) and a World Congress .
- Presented to the Victorian AMA Council (December 2019) and also at the online launch of the Medical Journal of Australia's themed issue of Sustainable Healthcare.

- Met with over 30 politicians, council members and other elected representatives to discuss and provide information about public health and the environment.

Our impact

- DEA's education now approved for RACGP CPD points.
- Three new fact sheets.
- Met with 30 politicians and council members.
- Presented 15 lectures at scientific meetings.
- Gave over 35 presentations to medical and public audiences.



Educating the future generation of doctors is a high priority, and DEA is engaging with universities to ensure that climate change, environmental degradation and their health impacts are integrated into the medical school curriculum. This builds upon ongoing work with medical schools throughout Australia, where DEA members give regular lectures and tutorials with students on climate and health and other issues.

To support DEA's role in education, Dr Kate Wylie, a GP member of DEA, has undergone Education Activity Representative training with the RACGP. This enables education provided by DEA to be counted as Continuing Professional Development (CPD) for General Practitioners. With more than 87% of the Australian population seeing a GP at least once a year, education of this workforce is a valuable tool to improve understanding of GPs and the broader Australian community.

The most disappointing COVID-19 cancellation was that of our annual scientific conference iDEA,

planned to be held in Canberra, jointly hosted with ANU's Climate Change Institute. Scheduled for April 2020, iDEA's "Vision for a Healthy Future" would have brought together extraordinary speakers, stories, ideas and actions. DEA thanks the organising committee for their hard work.

"DEA understands that planetary health is core business for doctors and is working to educate our profession."

DEA member Dr Kate Wylie, GP.



Dr Helen Redmond speaking at a DEA/AMA forum at NSW Parliament House.



RACGP Climate change workshop run by DEA member Dr Catherine Pendrey. Attendees Drs Ozge Tanrikut, Catherine Pendrey, Tammra Warby, Kim Loo and Harry Jennens

Issues: Lobbying for climate action

DEA was the first medical organisation in Australia to bring the health impacts of climate change to the attention of the government, but there is still much work to be done to bring medical evidence and expertise to decision makers at all levels, to achieve effective action. During the year DEA has met with the following MPs:

Federal MPs

Sussan Ley MP Federal Environment Minister and Federal member for Farrer, NSW

Chris Bowen MP Shadow Minister for Health and Federal member for McMahon, NSW

Katie Allen MP Federal member for Higgins, Vic

Russell Broadbent MP Federal member for Monash, Vic

Tim Wilson MP Federal member for Goldstein, Vic

Adam Bandt MP Federal member for Melbourne

Libby Coker MP Federal Member for Corangamite, Vic Climate Change reference group

Helen Haines MP

Federal member for Indi, Vic

Mark Butler MP

Federal member for Hindmarsh, SA

Zali Steggall OAM MP

Federal member for Warringah, NSW

Andrew Wilkie MP

Federal member for Clark, Tas

Terri Butler MP's Chief of Staff (COS)

Shadow Environment Minister and Federal member for Griffith, Qld

Trevor Evans MP

Federal member for Brisbane

State MPs

Stephen Wade MP

SA Minister for Health and Well-being - State upper house

Dan Van Holst Pellekaan MP

SA Minister for Energy and Mining - State upper house

Dr Ingo Weber, Prof Kingsley Faulkner, Dr Arnagretta Hunter, Mark Butler MP, Dr Kim Loo, Dr John Iser



Michelle Lensink MP

SA Minister for Human Services - State upper house

David Spiers MP

SA Minister for the Environment and Water - State member for Bright

Leanne Enoch MP

Qld Minister for the Environment - State member for Algeester

Matt Kean MP

NSW environment Minister - State member for Hornsby

Kate Washington MP

NSW Shadow Environment Minister - State member for Port Stephens

Brad Hazzard MP's COS

NSW Health Minister and State member for Wakehurst, NSW

Greg Piper MP

State member for Lake Macquarie, NSW

Alex Greenwich MP

State member for Sydney

Joe McGirr MP

State member for Wagga Wagga, NSW

Cate Faehrmann MP

State upper house, NSW

David Mehan MP

State member for The Entrance

Tim Crakanthorp MP

State member for Newcastle

Liesl Tesch MP

State member for Gosford

Lily D'Ambrosio MP

Victorian Environment Minister and State member for Mill Park

Jenny Mikakos MP's COS

Victorian Health Minister

DEA also met with:**Dr Alan Finkel**

Australia's Chief Scientist

Dr Kerryn Phelps

City of Sydney councillor

A/Prof. Nicola Spurrier

SA Chief Public Health Officer

Discussions included

- Climate change, emissions reductions, government response to climate emergency.
- Review of the EPBC Act and environmental protection.
- Air quality and NEPM standards, air quality monitoring.
- Application of science based COVID-19 responses to climate change.
- Zali Steggall's climate change bill.
- Future plans for electrification of transport.
- Health in all Policies model.
- Healthcare sustainability.

"Perhaps now we can hope for a more general recognition that all government policy must be backed by the best available scientific and medical knowledge and be implemented for the common good."

Dr Graeme McLeay, Convenor, Health and Energy Special Interest Group
[Independent Daily](#)



Dr Eugenie Kayak, Dr Jenny Smithers, Dr Katie Allen MP, Prof Fiona Stanley AC, Dr John Iser.

Responding to bushfires and preparing for the future

Last summer's unprecedented bushfires and record-breaking heatwaves shocked Australia. Tragically 33 lives were lost despite heroic efforts of firefighters who are facing increasingly challenging fires and longer seasons. Our changing climate is already taking a devastating toll on Australian lives and our environment. We watched and grieved for the billions of animals killed and 17 million hectares lost to fires. Over 650 million tonnes of carbon dioxide was estimated to have been released into the atmosphere, more than doubling Australia's annual emissions.

Many DEA members were directly involved in the fires or treated patients affected and many wrote articles about their experiences. As well as outlining the dangers of bushfire smoke, many wrote of their concerns about their patients, others about the struggles of the health system to cope in the emergency and difficulties they experienced personally in dealing with the fires. Overall, over 60 articles on the bushfire crisis, either written by, or quoting DEA members were published in various media over the summer.

In January, DEA called on the government for a federally co-ordinated meeting for action to combat the unprecedented public health threat from months of smoke over eastern Australia. Unfortunately, this meeting did not occur and mixed public health

Our impact

- Over 60 media articles from DEA members about bushfires and smoke events.
- Four submissions to government on the health impacts of the bushfires.
- Highlighting the links between bushfires, climate change and our health.

messages highlighted the lack of preparedness for the scale of the disaster.

Increasing numbers of bushfires and exposure to their smoke is part of our future hence we need to work towards mitigating the risks whilst supporting research on the long-term effects of bushfire smoke, and the best ways to protect ourselves. An urgent plan is required to better prepare us for the fire seasons ahead, for better information and response plans, to better support people and communities, and health should be at the centre of such plans.

To this end, DEA has prepared four submissions to government in relation to health and last summer's bushfires with particular emphasis on how better to prepare ourselves; the Royal Commission into Natural Disaster Management, and its associated Issues Paper on Health; the SA independent inquiry into the 2019-20 bushfires, and 'Lessons to be Learnt' inquiry. DEA also contributed to the independent NSW bushfire inquiry. It is essential that we reflect and learn from these fires – this experience should be a catalyst for change.

“The health sector is going to bear the brunt of the cost. Climate change will have a great impact on our health. These fires could be our new normal.”

DEA member, Dr Kim Loo, GP
[Daily Mail](#)



Collaborating for better air quality

This year DEA has worked on air quality issues around the country, including the long awaited National Environmental Protection Measure (NEPM) Review. DEA has collaborated with the Australian Medical Association (AMA), Royal Australian College of Physicians (RACP), Environmental Justice Australia (EJA) and others to improve standards for ambient air quality.

Expert Position Statement

DEA helped produce an Expert Position Statement on 'Health-based standards for Australian regulated thresholds of NO₂, SO₂ and ozone', a statement coordinated by Lung Health Research Centre and EJA, in consultation with DEA, RACP, Lung Foundation Australia, CAHA, Thoracic Society of Australia and New Zealand, and others.

NEPM review

After 21 years the standards for three pollutants - NO₂, SO₂, and ozone - that contribute to poor health were under review. DEA has long advocated for stricter air quality standards for these pollutants that are currently set well outside international best practice levels. In late 2019 DEA and AMA members met with NSW environment Minister, Matt Kean MP to discuss the review.

The Air Quality Special Interest Group has also been taking part in a EJA-led collaboration of organisations focussing mainly on the NEPM review, and following opportunities in the National Pollutant Inventory data. This has generated 18,000 submissions to the

NEPM review from members. Nearly all called for a 9ppb NO₂ standard that DEA proposed, rather than the 19ppb annual NO₂ standard proposed by the NEPM review. Dr Ben Ewald was instrumental in providing the scientific advice to help guide proposed standards.

Our impact

- Released a joint expert position statement with other key health groups on revising standards for the air pollutants, NO₂, SO₂ and ozone.
- Collaborative work with other organisations generated 18,000 submissions to the NEPM review.
- Meetings with NSW, Queensland and Victorian Environment Ministers to discuss the NEPM review.
- Ran a NSW Parliamentary Forum engaging four state MPs.

Parliamentary forum

DEA NSW, in conjunction with the AMA and RACP, organised a Parliamentary Forum in August 2019 - 'Protecting Health in a Changing Environment' - with a focus on air quality. The forum was attended by four State politicians – Greg Piper MP, Alex Greenwich MP, Joe McGirr MP and Cate Faehrmann MP.

Following on from this event DEA NSW met with Dr Kerry Phelp, City of Sydney councillor, and worked with the City of Sydney council towards improving air pollution monitoring within the Sydney CBD.



Dr Ben Ewald, Joe McGirr MP, Prof Lynne Madden, Dr Helen Redmond, Dr John Van Der Kallen, Ben Dickson MP

Promoting improved air quality around the states

In NSW, DEA members also met with Kate Washington MP, NSW Shadow Environment Minister. In the Hunter Valley, DEA has also presented on air quality at community meetings, appeared on radio and media, and co-ordinated work with Lock the Gate, the Sunrise project, Greenpeace, Australian Conservation Foundation and other organisations.

In South Australia, DEA worked with Business SA on costing estimates of the health benefits from reducing air pollution and investing a low to zero carbon economy.

In Queensland, DEA met with Qld's Minister for the Environment, Leanne Enoch MP, regarding NEPM Air Quality Standards.

In Victoria, DEA members met with the Victorian Environment Minister, Lily D'Ambrosio MP, to discuss the NEPM review of Australia's air pollution standards and other issues.

In WA, DEA met with advisors to the Minister for the Environment as part of the air pollution campaign in conjunction with EJA.

"There is no safe level of air pollution. To protect health, we need to shift rapidly away from fossil fuels and towards cleaner, healthier and safer forms of energy."

DEA member Dr Kate Charlesworth, Physician
[Hospital & Healthcare](#)



Two wins against coal and oil expansion

Australia remains a major coal exporter for both thermal and coking coal. DEA has consistently argued that Australia must take some responsibility for the emissions it exports by acknowledging scope three emissions - the emissions burnt from the coal we dig up but are burnt overseas.

While our government argues that Australia contributes only 1.3% of global emissions the actual figure is much higher when scope three emissions from exported coal and gas are included. Our contribution rises to nearly 5% and if all known coal and gas resources are exploited as planned, Australia could be responsible for over 10% of global emissions annually.

Scope three emissions law

In a win for DEA and the environmental movement, a new law seeking to disallow consideration of overseas emissions was rejected. Instead, the NSW parliament is able to consider all emissions of Australian coal and gas, even those burnt in other countries, when deciding on development applications. DEA participated at the NSW parliamentary enquiry into the Territorial Limits bill, under which the new law was to be passed.

DEA was also asked to appear before another inquiry on the National Greenhouse Reporting Amendment Bill, and similarly made a strong argument for the inclusion of scope three emissions in the National Greenhouse accounts.

Our impact

- Helped defeat a new law that would make it easier for new mining project approvals
- Helped stop Equinor drilling for oil in the Great Australian Bight



Drs Kathleen Wild and John Van Der Kallen attended the NSW Parliamentary Inquiry into the Territorial Limits bill.

DEA made a number of submissions on coal projects during the year - and against expansion of the Glendell and Dendrobium mines - because of threats to air quality and Sydney's water supplies. The health costs of ongoing problems from coal ash dams was outlined in a submission to the NSW upper house. DEA continues to oppose the Adani mine project.

While it seems unlikely any more coal-fired power stations will be built in Australia, coal mining continues apace.

Oil-Drilling in the Great Australian Bight

In another big win for environmentalists in February 2020, Equinor announced that it was abandoning plans to drill for oil in the Great Australian Bight, citing economic conditions, though it is widely thought that strong and organised opposition to the project played an important role.

DEA, along with environmental groups, Indigenous peoples and local councils met with the Chief Scientist Dr Alan Finkel in July 2019, joining forces to oppose Equinor's plans and iterating strong community concerns about the project.

"Australia's contribution to world-wide greenhouse gas emissions is rising and as a nation we need to be responsible for the damage we cause. The rejection of the NSW Territorial Limits Bill is a step in the right direction."

Dr John Van Der Kallen, NSW Committee Chair



Making healthcare more sustainable

Australia's healthcare sector contributes over 7% of Australia's total CO2 emissions and is a significant contributor to waste products and natural resource consumption, all of which affect our present and future health. Unfortunately the COVID-19 pandemic disrupted recycling programs and impacted the use and disposal of many products.

Processes to improve environmental sustainability can often be the same as those needed to deliver financial and quality benefits. The UK National Health Service has achieved an 11% reduction in greenhouse gas emissions over eight years, while the level of healthcare activity rose by 18% over the same period, with a financial savings of £90m annually. Reforming the environmental impact of Australia's healthcare sector through public policy, advocacy and education is the key aim of DEA's Sustainability Special Interest Group.

In WA, DEA presented at the WA Climate Health Inquiry, which followed on from advocacy around the state's Sustainable Health Review in 2019. DEA WA's input included workshops on advocacy within health services for a sustainability framework and the employment of sustainability officers.

In Newcastle, the DEA team collaborated with the Hunter New England Local Health District on healthcare sustainability. HNELHD is aiming to be the

Our impact

- Raised awareness amongst doctors, students and politicians of healthcare's environmental impact and potential solutions
- Presented to the WA Climate Health inquiry, highlighting the need for national and state healthcare sustainability units
- Helped successfully lobby for a solar array on the roof of the John Hunter hospital.
- Co-authored a journal article on sustainability published in Anaesthesia and Intensive Care

"(It is) inspiring to see so many members and doctors around the country with interest and expectation to improve healthcare's environmental impact ... realising that it can be a win-win situation with potential financial and health gains."

Dr Eugenie Kayak, DEA Co-Chair

first carbon neutral health district in Australia. DEA has helped by successfully lobbying NSW Treasury for a \$3.2m loan for a solar array on the roof of the John Hunter hospital.

DEA members met with the NSW Environment Minister, Matt Kean in June 2020, and discussed the state's plan for net-zero emissions as a means of improving the energy credentials of NSW hospitals. They also visited the senior advisor to the NSW Health Minister, Brad Hazzard MP, to discuss healthcare sustainability.

In Victoria, DEA members presented to Geelong Council regarding the Council's sustainability strategy. Together with Deakin University, DEA is working on outcomes with the Barwon Health executive on sustainability and investment in green power.

Several DEA members co-authored "Why be sustainable?" published in *Anaesthesia and Intensive Care*, building on the recent (ANZCA) Australian and New Zealand College of Anaesthetists Professional Documents on Environmental Sustainability in Anaesthesia and Pain Medicine Practice.

DEA's work in sustainability has continued to grow over the past year, with 70 members answering a call to become involved in the Healthcare Sustainability Special Interest Group.



Associate Professor Forbes McGain presenting on the impacts of healthcare's environmental footprint.

DEA's voice reaches across the political spectrum

The nature of media and news is rapidly changing. Widespread cuts in the numbers of publications and reporters, including specialist writers, the growth of fast-paced “clicktivism” that promotes stories that are of interest to the public, rather than in the public interest, has made navigating this terrain difficult, especially when messages like DEA’s are scientific and/or complex.

Despite the challenges, DEA’s clear and outspoken messages on the critical link between environment and health have had widespread uptake across mainstream media and on social media platforms. DEA members have written 85 op-eds or published articles over the past year. DEA members have been quoted, or DEA has been mentioned in nearly 200 publications as far afield as Dhaka and France, and in media as diverse as the Breitbart News and the Green Left Weekly. Journalists are increasingly seeing DEA as a compelling and trusted voice. For example, over last summer’s season of horrific bushfires and smoke pollution, over 60 media articles about the fires and smoke quoted DEA members or DEA policies, and there were 11 op-eds about the bushfire crisis by DEA members published in various media.

In September, the AAP news story of the No Time For Games pledge handover in Canberra was syndicated across several platforms, and the 2019 Climate Emergency campaign was taken up by over 12 publications.

In May 2020, DEA and the Climate and Health

Alliance’s (CAHA) open letter to the Environment Minister Sussan Ley (see page 14) was reported in more than 160 publications across the political spectrum, including the Australian, news.com.au, the Herald Sun, and 7news. It was the lead story in The Guardian on May 25th. DEA’s Katherine Barraclough and CAHA’s Fiona Armstrong were both interviewed on the ABC and SBS news. This widespread media coverage led to DEA and CAHA meeting with the Environment Minister, Sussan Ley MP in June 2020.

Encouragingly, the public has been on a learning curve with regard to COVID-19 messaging – the general public are now familiar with some epidemiological terms and concepts and with the role of science in tackling health crises. DEA will continue to highlight to the public and decision makers that the response to COVID-19 is also what is required for the climate change emergency – prevention, mitigation and adaptation.

Our impact

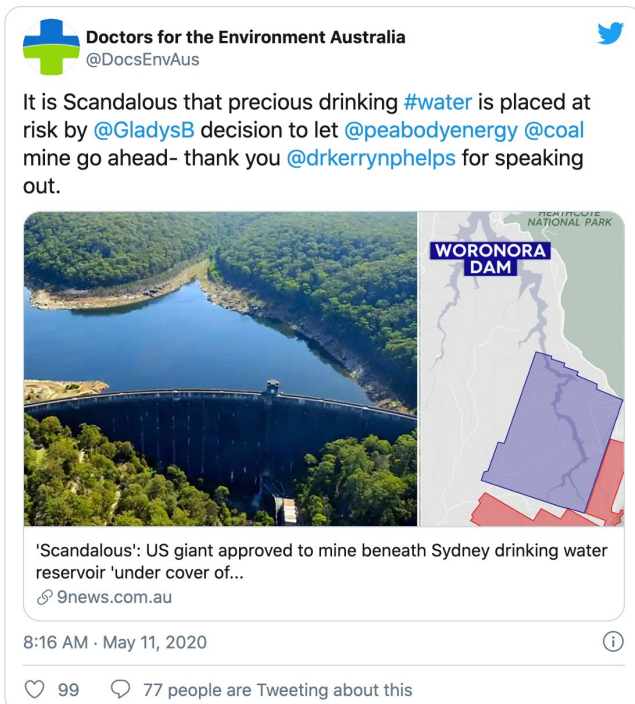
- 85 op-eds written.
- DEA mentioned in another 168 articles in 194 publications.
- Co-authored letter to the Federal Environment Minister reported in more than 160 publications across the political spectrum.

Social media analytics 2019-2020

Popular Twitter posts

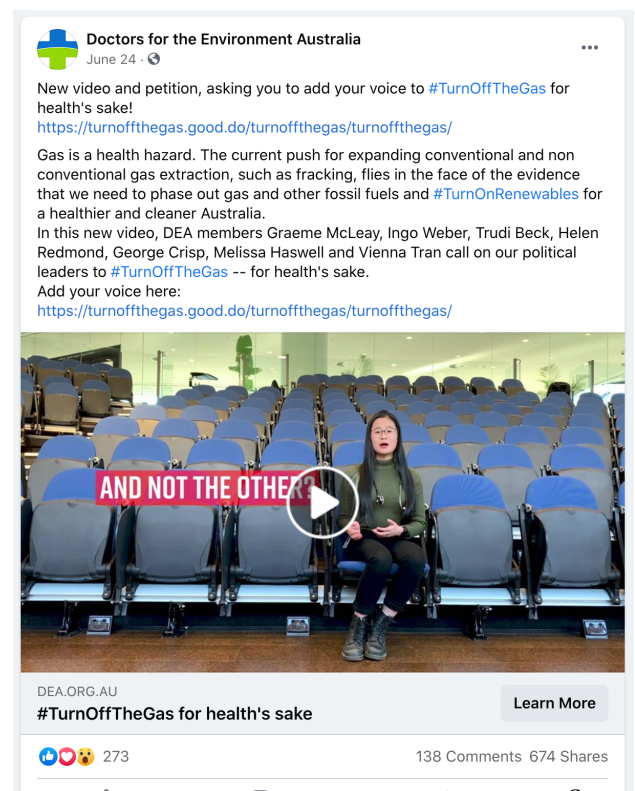


7,098 impressions



13, 271 impressions

Popular Facebook posts

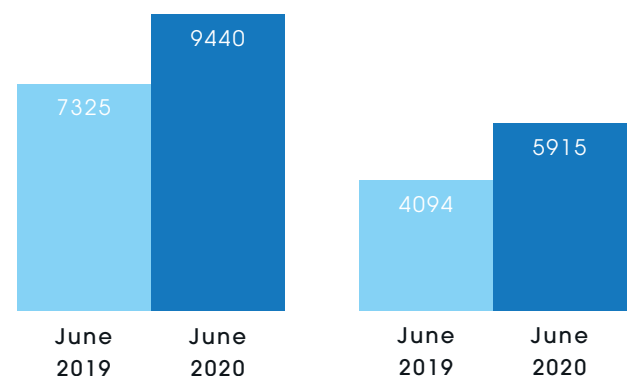


91,937 people reached, 5855 engaged

Followers

Facebook

Twitter





Organisational transformation

By 2020 DEA will raise over \$500,000, and by 2025 DEA will be a self funding \$2 million organisation with greater power and influence. It will have strengthened governance and management, and established an effective fundraising program. DEA will have recruited 5% of all Australian doctors as financial members and 10% of medical students.

Governance review and restructure helps DEA grow

Following DEA's 2018/19 comprehensive Organisational Review we have continued to advance our ambitious agenda for expansion and governance transition during a year of exceptional outward challenges.

A National DEA Committee workshop in October 2019 led to the development and subsequent launch of the 5-year Strategic Framework in February 2020. This was followed by a workshop exploring DEA's ways of working and governance structure and the processes needed for implementing the desired changes. Both workshops were aptly facilitated by external consultant Jeremy Hobbs of Development Essentials Pty Ltd.

Plans are now in progress to transition DEA's Management Committee to a governing Board prior to the 2020 AGM and strengthen the role of the Executive Director. Extensive work has also been undertaken to clarify roles and responsibilities within DEA's national structure. DEA's state/territory and student committees are the bedrock of DEA activities and are growing from strength to strength. The changes to DEA's structure, ways of working and governance will help these committees work to their maximum capacity.

There has also been formalisation of national Special Interest Groups (Energy and Health; Air Pollution;

Biodiversity; Divestment; Sustainable Healthcare; Diet and Agriculture) to assist with specific expertise, activities and advocacy, as well as the three newly formed national committees: Advancement; Campaigning; and Research, Education and Advocacy.

DEA's inaugural Members' Assembly planned for April was unfortunately cancelled due to COVID-19 along with our annual conference iDEA20. The Members' Assembly will be held in conjunction with iDEA each year to enable more widespread member consultation and feedback with the Board.

The employment of Denise Cauchi, as DEA's Executive Director, in November 2019 has been instrumental to progressing DEA's agenda of change, as has the support of DEA's Board and significantly growing membership across the country. DEA is now placed well to achieve its 5-year Strategic Framework goals.



Membership growth reflects commitment to climate action

DEA's hard working, dedicated members come from across the country, and from all medical backgrounds, ensuring DEA is a wide-reaching successful organisation.

DEA's membership has been growing steadily over the past few years as more and more medical doctors and students become committed to climate action and protecting our environment. In 2019-2020 our membership base grew by 197%.

Connections between members are maintained via newsletters, social media, website updates, committees, meetings, journal clubs, conferences and attendance at public forums. An exciting initiative is the DEA podcast, launched in June 2020 and featuring hosts Kaiya Ferguson and Karin English – of course the podcast is widely available – not just to members. Members use DEA resources as part of their own education and advocacy. Many DEA members support other like-minded organisations, ensuring that the respected DEA rigour and platform guides their input, multiplying the effect of DEA's work. When considering an issue, members can refer to and rely on DEA's research and position statements.

Social events are a great way to meet, network and foster a collaborative culture. For example, the end of year social function in Victoria allowed newly appointed Executive Director Denise Cauchi to meet Melbourne members as she settled into the new role. The vast majority of work output from DEA is delivered by dedicated volunteer members, who bring

substantial expertise and develop additional skills through their advocacy work. Donations from our membership base support DEA's paid employees in key roles and building capacity amongst employees and members is a priority.

Medical students form a strong and active part of DEA's member base, running their own committees, projects and advocacy goals, as well as participating in DEA events.

Climate change activism requires knowledge, skills and resilience: anxiety, stress and burn-out are risks for all. Mental health and wellbeing is an important focus for members – collegiate support is essential to individual stamina and organisational sustainability. DEA's mentoring program has been developed to help provide this support and has also been a successful way to share skills across doctor and student pairs.

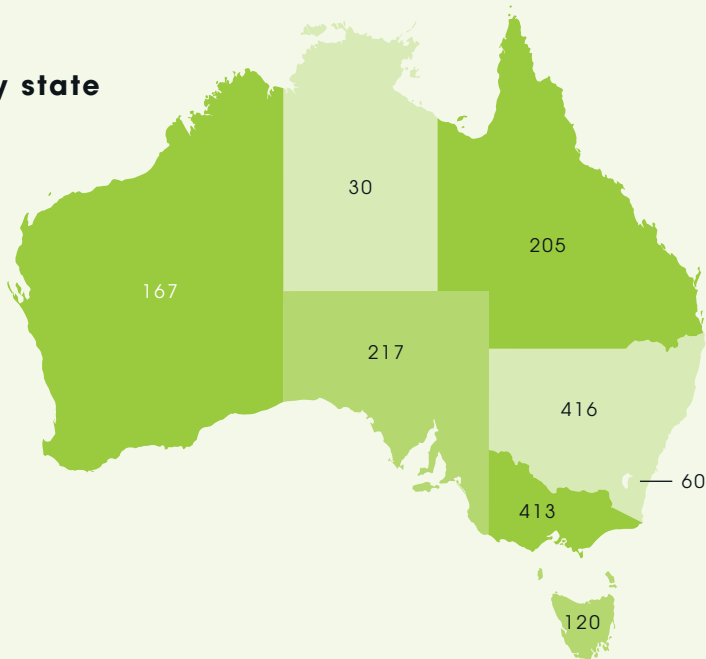


DEA's biggest growth has come from student members. Ltr: Georgia Brown, Mana Saripalli, Kaiya Ferguson, Hennessy Wong

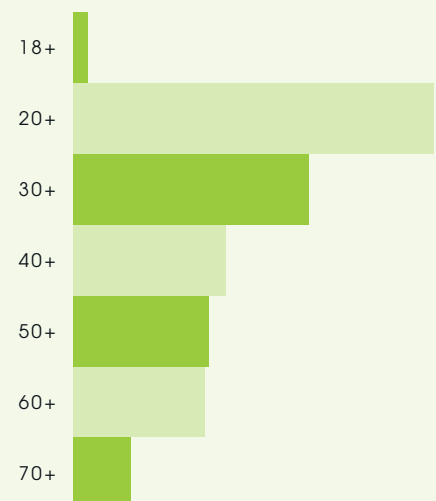
Our members

1,628 members

By state



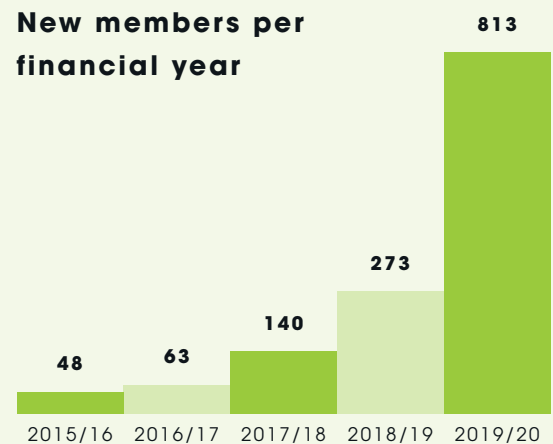
Age of members



Highlights

- Largest growing membership category is students who make up 34% of our total membership.
- Oldest DEA member was born in 1927 and our youngest in 2002 .
- Our longest serving members have been members for 17+ years.

New members per financial year



Students get creative in lockdown

Our National Student Committee has been stymied by COVID-19 during the first half of 2020. The NSC is usually a power-house of activity throughout the university year; attracting new members at orientation; ensuring representation across universities; developing plans and activities; supporting an environmental focus during studies, and launching fabulous social events, tree-planting initiatives and speaker nights.

Instead our DEA students came up with creative options to virtually engage members and fellow students:

- “Social DEA-stancing” A series of online meetups and webinars for DEA student members in lockdown across the country. The initiative included opportunities to reflect on environmental issues; a how-to on submission writie, a ‘pen pal’ program; and facilitated yoga and craft sessions.
- ‘Nature Prescriptions’ - a series of online resources to encourage people to use nature as a way to deal with the mental health impacts of the pandemic.
- Hosting educational webinars featuring invited experts.
- Reflecting on environmental issues, and creating and promoting resources to improve our mental health during COVID-19.

Extra time has allowed the NSC to focus on a three-year strategic plan and to develop systems for ensuring students’ volunteer work and wellbeing is

well supported. This plan and processes will guide the NSC in years to come to help build on their capacity and retain student members as doctor members.

“The NSC has given us opportunities to connect with others on a cause we care about in an otherwise quite isolated year.”

Georgia Behrens, National Student Committee Chair



Our people

Management Committee

Kingsley Faulkner Co Chair

Eugenie Kayak Co Chair

Hakan Yaman Treasurer

Richard Yin Secretary

Sujata Allan

Katherine Barraclough

Georgia Behrens (Student Representative)

Marion Carey

Beau Frigault

Graeme McLeay

John Van Der Kallen

Kristof Wing

National DEA Committee (NDC)

Kingsley Faulkner Co Chair

Eugenie Kayak Co Chair

Richard Yin Honorary Secretary

Hakan Yaman Treasurer

Sujata Allan Board member

Katherine Barraclough Board member

Marion Carey Board Member

Beau Frigault Board Member

Graeme McLeay Board Member

John van der Kallen Board Member

Kristof Wing Board Member

Georgia Behrens Student Representative (Board)

Liz Bashford Corresponding member

Ben Ewald Corresponding member

Arnagretta Hunter Corresponding member (until 18 March 2020)

Tom Clemens Corresponding member

John Iser Corresponding member

David King Corresponding member

Kristen Pearson Corresponding member

Helen Redmond Corresponding member

Dimity Williams Corresponding member

National Students Committee

Georgia Behrens Chair

Georgia Brown Chair-elect

Michel Levi Uni Coordinator

Michael Nielsen Uni Coordinator

Rou Li Treasurer/Secretary

Kaitlin Rennie Project Officer

Mikaela McKnight Project Officer

Rose Phan Project Officer

Sharon Kaur PR Officer

Emily Chen PR Officer

State Chairs

Stefanie Pidcock Australian Capital Territory (from April 2020)

Arnagretta Hunter Australian Capital Territory (until 18 March 2020)

John van der Kallen New South Wales

Kristof Wing Northern Territory

Beau Frigault Queensland

Kimberly Humphrey South Australia (from 12 Feb 2020)

Graeme McLeay South Australia (until 12 Feb 2020)

Fiona Beer Tasmania

Katherine Barraclough Victoria

Emma-Leigh Synott Western Australia (from 16 June 2020)

Richard Yin Western Australia (until 16 June 2020)

Special interest groups

Air Pollution Convenors: Sujata Allen and Ben Ewald

Biodiversity Convenor: Dimity Williams

Diet and Agriculture Convenor: Michael Schien

Divestment Convenor: Helen Redmond

Health and Energy Convenor: Graeme McLeay

Sustainable Healthcare Convenors: Forbes McGain
and Eugenie Kayak

Staff

Denise Cauchi Executive Director (from 18 Nov 2019)

Carmela Ferraro Media and Communications
Coordinator

Kylie Astell Office Manager (from 6 Jan 2020)

Joy Oddy Administration Officer (until Jan 2020)

Cameron Batterham Accountant

Mark White Website and IT

Rebecca Osborne Administration (casual)

Treasurer's report

It is with great pleasure that I am able to report on the substantial parallel growth of the DEA membership and revenue base. More and more of our colleagues have come on board and, alongside our institutions and medical colleges, have been demanding action to address our confronting climate emergency.

DEA revenue and expenditure are summarized in the charts below. Most of our revenue was from our member base. We had generous contributions to our annual appeal and many donated back their registration fees for our cancelled annual iDEA conference. This made a very significant difference.

Our most substantial expense was staff salaries. It would have been impossible to achieve what we have without their expertise and skillset in guiding the work of our volunteer member base. For this we are very grateful. Another significant and necessary expense was our relocation from Adelaide to our new home base in Melbourne. We are now situated in a unique and environmentally sustainable building alongside other supportive organizations, a very encouraging platform to achieve the longer-term DEA strategic goals.

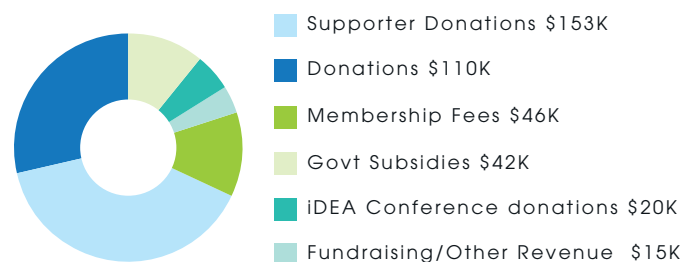
Additional detailed information can be obtained by viewing our complete independently audited financial statement. This will be uploaded as a public document on the Australian Charities and Not for Profit Commission [website](#). Any questions regarding the financial statement are very welcome. I am proud to declare that I sincerely believe that all funds have been used to pursue our primary environmental purpose. As you would expect, our board and committee members are volunteers who self-fund their DEA expenses and have no pecuniary interest in DEA finances.

Finally, our thanks to all our members for their vital contributions, the spectrum of which is from simply maintaining membership to extensive involvement with our State and National committees. Many of our members have been alongside us for over a decade and are now being joined by an expanding cohort of student and post graduate members who understand that the role of a bystander for the medical profession is no longer available.

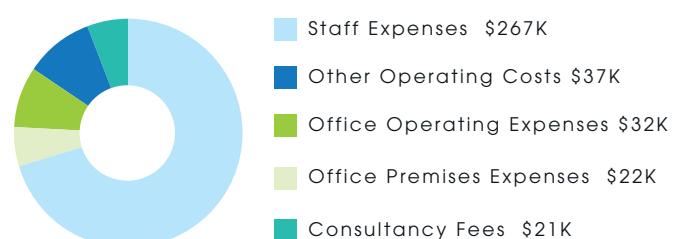
Dr Hakan Yaman
Honorary DEA Treasurer



Income \$389, 118



Expenditure \$381,668



Statement of Financial Position

Doctors for the Environment (Inc.) as at 30 June 2020

Assets	2020	2019
Current Assets		
Cash & Cash Equivalents		
Petty Cash Imprest	\$20.00	\$20.00
Cash at Bendigo Bank DEA Fund	\$187,314.00	\$ 141,909.00
Cash at Bendigo Bank	\$ 126,998.00	\$ 113,701.00
Total Cash & Cash Equivalents	\$ 314,332.00	\$ 255,631.00
GST Receivable	\$ 10,294.00	\$ 18,161.00
Total Current Assets	\$ 324,626.00	\$ 273,792.00
Non-Current Assets		
Plant and Equipment, Vehicles	\$7,199.00	\$ 3,753.00
Total Non-Current Assets	\$ 7,199.00	\$ 3,753.00
Total Assets	\$ 331,826.00	\$277,545.00
Liabilities		
Current Liabilities		
Trade and Other Payables	\$ 32,327.00	\$ 7,712.00
Income Tax	\$383.00	\$ 659.00
Employee Entitlements		
Superannuation Payable	\$14,396.00	-
Wages Payable - Payroll	\$8,429.00	-
Total Employee Entitlements	\$ 22,826.00	-
Total Current Liabilities	\$ 55,536	\$ 8,371.00
Total Liabilities	\$ 55,536.00	\$ 8,371.00
Net Assets	\$ 276,290.00	\$ 269,174.00
Equity		
Retained Surplus	\$ 276,290.00	\$ 269,174.00
Total Equity	\$ 276,290.00	\$ 269,174.00



Appendices

Submissions

DEA produced 24 submissions in the 2019-20 year.

Final Report of the Independent Expert Panel's Review of Interim Emissions Reduction Targets for Victoria (2021-2030) July 2019 [Link](#)

Proposed Variation to the Ambient Air Quality Measure Standards for Ozone, NO₂ and SO₂ July 2019 [Link](#)

Underground Water Impact Report for the Surat Cumulative Management Area July 2019 [Link](#)

Draft NSW Marine and Coastal Policy July 2019 [Link](#)

Winchester South Project Draft Terms of Reference for an Environmental Impact Statement July 2019 [Link](#)

Project changes to the New Acland Coal Mine – Stage 3 Project July 2019 [Link](#)

Royal Commission into Victoria's Mental Health System July 2019 [Link](#)

Isaac Downs Project Draft Terms of Reference August 2019 [Link](#)

Climate Health WA Inquiry August 2019 [Link](#)

Senate Committee Inquiry on Australia's faunal extinction crisis August 2019 [Link](#)

WA EPA's Greenhouse Gas Emissions Assessment Guidance Consultation August 2019 [Link](#)

Dendrobium Mine Expansion proposal September 2019 [Link](#)

Sustainability of Energy Resources in NSW September 2019 [Link](#)

Environmental Planning and Assessment Amendment (Territorial Limits) Bill 2019 December 2019 [Link](#)

Application for RIDA for the New Acland Coal Stage 3 project January 2020 [Link](#)

Proposed regulations and environmental reference standards for Victoria's new environmental laws February 2020 [Link](#)

Open-flued Gas Space Heater Discussion Paper: options for addressing risks from open-flued gas space heaters in Victoria February 2020 [Link](#)

NSW Planning Department on the expansion of the Glendell mine in the Hunter Valley Feb 2020 [Link](#)

NSW Legislative Council Inquiry into the costs for remediation of sites containing coal ash repositories February 2020 [Link](#)

National Greenhouse and Energy Reporting Amendment Bill 2020 March 2020 [Link](#)

Independent Review into South Australia's 2019-2020 bushfire season March 2020 [Link](#)

Royal Commission into National Disaster Arrangements (Bushfires Royal Commission) April 2020 [Link](#)

2019-2020 Independent Review of the Environmental Protection and Biodiversity Conservation (EPBC) Act April 2020 [Link](#)

Lessons to be Learnt in relation to the Australian bushfire season 2019-20 May 2020 [Link](#)

Issues Paper on Health Arrangements on Natural Disasters as part of the Bushfires Royal Commission June 2020 [Link](#)

Presentations

Presentations at meetings, workshops and conferences

Barracclough, Katherine “Zoonoses” Royal Children’s Hospital Melbourne, Global Health Forum. June 2020.

Barracclough, Katherine “Doctor wellbeing and their role in advocacy” Bendigo Health. June 10 2020.

Barracclough, Katherine “Engaging with Members of Parliament” Lighter Footprints webinar. 24 June 2020.

Burch, Hayden “Climate Change and Health” Federation University, Gippsland. October 2019.

Centra, Jo and Coha, Monika “Declaration of a climate emergency” To Geelong City Council.

Crisp, George and Montgomery, Brett “Climate change and health” Medical student workshops, Perth. Ongoing.

Daniells, Jazmin “Ethics and health” Clinical Unit of Ethics and Health (CUEHL) meeting, Newcastle University. October 2019.

Dey, Cybele and Lajoie, Magella “Greta, Rebeca, Milo et al: Young people leading climate emergency change” Royal Australian and New Zealand College of Psychiatrists Youth Mental Health Conference. 6 March 2020.

Dickson, Ben “Climate Change” DEA/AMA forum at NSW Parliament House - Protecting our Health in a Changing Environment. 6 August 2019.

Ewald, Ben “Air Pollution and the NEPM review” DEA/AMA forum at NSW Parliament House - Protecting our Health in a Changing Environment. 6 August 2019.

Forrester, Mike and Coha, Monika “Climate and Health” Deakin Medical School curriculum, Geelong. Ongoing.

Forrester, Mike and Shaw, Cam “Healthcare Sustainability” Six monthly meetings organised by Deakin Sustainability, Geelong. August 2019

Gazzard, Kate and Shaw, Cam “Climate and Health” Lectures to Medical Students, Geelong. Ongoing.

Kayak, Eugenie and Barracclough, Katherine Melbourne University MD Students Conference. July 2019.

Hunter, Arnagretta “After Black Summer: Imagining our human future” Princess Alexandra Grand Rounds, Brisbane.

Kayak, Eugenie “Health benefits of mitigating anthropogenic climate change” Monash University, MBBS course, Melbourne. 16 September 2019.

Kayak, Eugenie “Protecting health through care of the environment - Healthy Planet, Healthy People” Scotch College, Spring Gala Lunch, Melbourne. 18 October 2019.

Kayak, Eugenie “Anaesthetists and the Environment” Austin Hospital, Melbourne. 9 December 2019

Kiang, Karen Royal Children’s Hospital monthly meeting, Melbourne. 15 June 2020.

Kiang, Karen “Climate change and children’s health” World Congress on Paediatric and Adolescent Gynaecology, Melbourne. 1 December 2019.

Kiang, Karen “Climate change and children’s health” Parents for Climate Action event on World Day of the Child, Melbourne. 20 November 2019.

Kiang, Karen “Climate change and children’s” Australasian College of Nutritional and Environmental Medicine (ACNEM) online Conference. 27 June 2020.

Kiang, Karen and Sewell, Jill “Climate change and child health” Lecture and workshop for Melbourne University, Masters in Public Health (MPH) unit on child health. July 17 2019.

King, David “Have your say on air pollution standards” Environmental Justice Australia forum. 3 July 2019.

King, David “Health and Climate” via Zoom to the Queensland Citizens Climate Lobby.

King, David and Frigault, Beau “Climate change” AMA Queensland board meeting.

McGain, Forbes Greening Healthcare Forum, Western Health, Melbourne. September 2019.

McGain, Forbes “Sustainable Healthcare” online launch of the Medical Journal of Australia Sustainable Healthcare edition of MJA, with Monash Sustainable Development Unit, Melbourne. 5 May 2020. Other speakers included Professors David Pencheon, Lynne

Madden and Nicholas Talley. [Link](#)

McGain, Forbes and Chen, Alex and Kayak, Eugenie “*Climate change’s health threat; the healthcare sector’s environmental footprint and what is and can be done in healthcare*” AMA Victoria Council. 3 December 2019.

McGain, Forbes “*Intensive care medicine and unsustainable healthcare*” Three lectures to Australia and New Zealand Intensive Care Society (ANZICS) Annual Scientific Meeting, Napier, NZ. March 2020.

Pearson, Kristen “*Climate change and health*” Northern Hospital HMO teaching, Melbourne. 31 October 2019.

Pendrey, Catherine “*Climate Action Workshop*” Royal Australian College of General Practitioners Annual Conference. October 2019.

Redmond, Helen “*Coal Seam Gas*” DEA/AMA forum at NSW Parliament House - Protecting our Health in a Changing Environment. 6 August 2019.

Topp, Jo “*Climate and Health*” presentation to Huon Valley Council.

Watt, Lucy “*Air Pollution*” to the Clean Air Wynnum group, Brisbane.

Williams, Dimity “*How nature supports health and wellbeing*” CANA chat via Zoom. 31 March 2020.

Winkel, Ken “*The Environment and Health*” Monash DEA event, Melbourne. 25 October 2019.

Winkel, Ken “*Climate Change and the Medical Curriculum*” University of Queensland webinar presentation.

Winkel, Ken Climate Change in the University of Melbourne Curriculum. 23 November 2019.

DEA Tasmania talks given by DEA members at monthly meetings of the following organisations:

- Searle, Lisa – Bob Brown Foundation
- Zarr, Robert – Parks Rx USA
- Spence, Kara – Nature be in it
- Beer, Fiona – Climate Reality Project
- Campbell, Sharon – Fires, smoke and health

DEA WA presented at:

- Several Grand Rounds and health service meetings on sustainability.
- Greens Party function in support of submissions to the state’s climate change policy.
- Buddhist Society WA “Friday Night Speakers”. 31 August 2019.
- Sustainable Subiaco meeting. 30 November 2019
- Compass Conference: “*Uncharted territory, the future of primary health care*”. 30-31 August 2019. [Link](#)

Publications

Articles in peer-reviewed journals

Behrens, Georgia.

Beyond tokenism: meaningful youth engagement in planetary health

Spajic L, Behrens G, Gralak S, Moseley G, Linholm D. The Lancet: Planetary Health, September 2019. [Link](#)

Hunter, Arnagretta.

Heat related mortality: an urgent need to recognise and record.

Longden T, Quilty S, Haywood P, Hunter A, Gruen R. The Lancet Vol 4: E171. 1 May 2020. [Link](#)

McGain, Forbes, Kayak, Eugenie and Weber, Ingo. *Why be sustainable?* McGain F, Ma S, Burrell R, Percival V, Roessler P, Weatherall A, Weber I, Kayak E. Anaesthesia and Intensive Care 2019. 47 (5) 413-422. [Link](#)

Opeds and articles by DEA members and affiliates

Allen, Sujata. *Climate change is the century's greatest challenge.*

Northern Daily Leader 23 October. [Link](#)

Also in the Armidale Express, 22 October. [Link](#)

Allen, Sujata for the New England Division of General Practice. *Local doctors are dealing with the effects of bushfires.* The Armidale Express, 13 November. [Link](#)

Barracough, Katherine

Kidneys and extreme heat: a climate consequence. MJA Insight+, 9 September. [Link](#)

Barracough, Katherine

Bushfire smoke clouding our skies can affect our health/ VicDoc, April edition. [Link](#)

Barracough, Katherine and Fiona Armstrong

Now is not the time to weaken our environmental protections. The Canberra Times, 10 June. Oped by A/Prof Katherine Barracough and Fiona Armstrong (CAHA). [Link](#)

Beaton, Laura. *Solastalgia.* WinWin Magazine, October. [Link](#)

Beck, Trudi. Business as usual just won't cut it anymore. The Advertiser, 12 July Comment. Paywalled.

Beck, Trudi. School kids face uncertain future on scorching first day. Herald Sun (and other News Corp publications), 30 January. Paywalled.

Beck, Trudi. Let us also rise to the climate challenge Canberra Times (and Fairfax regional network, 115 syndications), 17 April. [Link](#)

Behrens, Georgia. *Future proofing our health system one young doctor at a time.* Open Forum, 17 July. [Link](#)

Behrens, Georgia. *Hospital food environments: a human and planetary health opportunity.* Moseley G, Spajic L, Behrens G. The Medical Journal of Australia Letters Vol 202:8, 10 April 2020. [Link](#)

Blackwood, Jim. *Eco News | Energy plan's a good start, but council can do better.* Western Advocate, 24 April. [Link](#)

Burch, Hadyn. *Children, the rights of the child and greenhouse gases.* Croakey Blog - originally entered in the National Public Health Student Think Tank Competition. [Link](#)

Carey, Marion. *Blue-banded bliss.* Open Forum, 29 February. [Link](#)

Cannon, Marianne. *How will hospitals cope with climate change's impact on our health?* Brisbane Times and The Age, 11 August. [Link](#)

Cannon, Marianne. *What do we need to do next? An emergency physician reflects on bushfires and heatwaves.* Croakey 3 October. [Link](#)

Ewald, Ben. *No point delaying orderly retreat from coal.* Newcastle Herald, 11 February.

Govindasamy, Laksmi; Humphrey Kimberly; and Foong Lai Heng; for the Australasian College for Emergency Medicine. *The costs of climate change are already upon us. We must prepare for the next emergency.* Partyline, 17 March 2020. [Link](#)

Faulkner, Kingsley. AMA and Climate Change Letters to the Editor, Medical Forum, October edition.

Ferguson, Kaiya. *Climate change fingerprints 'all over' Peregrine fires.* Sunshine Coast Daily, 7 November. Paywalled.

Forrest, Sallie, Phillips, Anastasia and Prof Charles Watson. *Why doctors are well-placed to advocate for action on climate change.* Medicus, February edition.

Frigault, Beau. *Climate change is the next health crisis we face.*

Canberra Times, 29 June. [Link](#)

Hegedus, Jessica. *We must also 'flatten the climate curve': An open letter to Australian politicians from a frontline healthcare worker.*

Women's Agenda, 1 May 2020. [Link](#)

Howarth, Elizabeth, Felicity Rea, Ingrid Smethurst and Jo Topp.

Letter to the Editor. Cygnet Unknown dates or publication.

Hunter, Arnagretta. *Doctors need to meet challenge of climate change.*

MJA Insight+, 22 July 19. [Link](#)

Hunter, Arnagretta. *Climate emergency in Wagga Wagga and the glimmer of hope at the grassroots.* Croakey Blog, 22 July 19. [Link](#)

Hunter, Arnagretta. *Action on climate change, one person at a time.*

Canberra Times, 24 July 19. [Link](#)

Hunter, Arnagretta. *New global and national reports on the climate health crisis present urgent calls to action.* Croakey, 15 November 19.

[Link](#)

Hunter, Arnagretta. *Hot and bothered: heat affects all of us, but older people face the highest health risks.* The Conversation, 31 December 19. [Link](#)

Hunter, Arnagretta. *Australian doctor on 'nerve-wracking' wildfires and climate crisis: 'You can taste it and I make sure my children stay indoors'*

iNews (UK), 14 January 19. [Link](#)

Hunter, Arnagretta. *Smoke and mirrors: Health and the impact of climate change in Australia.* Policy Forum, 15 January 19. [Link](#)

Hunter, Arnagretta. *We must rise to the challenges of our times.*

Canberra Times, 30 March 20. [Link](#)

Hunter, Arnagretta. *Our environment has always affected our mortality, should we add climate change to death certificates?* The Guardian, 21 May 20. [Link](#)

Iser, John. *Australia needs to commit to target of net-zero emissions by 2050.* Independent Australia, 26 February 20. [Link](#)

Kotsirolas, Vicki, A/Prof AM. *8 reasons why we need to crack down on air pollution.* AusDoc+, 19 August 19. [Link](#)

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Kotsirolas, Vicki, A/Prof AM. *COVID-19 and beyond: impact of air pollution.* MJA Insight +15 June. [Link](#)

Leeder, Stephen E/Prof AO. *Stephen Leeder- Global change and us* John Menadue. Pearls and Irritations, 20 November 19. [Link](#)

Llewellyn-Jones, Robert. *Is the bushfire mental health response adequate?* Insight+, 3 February 20. [Link](#)

McGain, Forbes. *Making Meaningful Change.* AMA publication Spring edition.

McLeay, Graeme. *The other road toll we can no longer ignore.* Renew Economy, 16 August 19. [Link](#)

McLeay, Graeme. *Morrison's condescending response to kids and climate.* Independent Australia, 29 September 19. [Link](#)

McLeay, Graeme. *Australia's Energy Policies are Doctors' Business.* Independent Australia, 24 October 19. [Link](#)

McLeay, Graeme. *The Coalition's climate policy is an international embarrassment.* Independent Australia, 6 February 20. [Link](#)

McLeay, Graeme. *COVID-19 has reminded us to trust and prioritise science.* Independent Australia, 1 April 20. [Link](#)

McLeay, Graeme. *COVID-19 is eclipsing the world's climate crisis, which we ignore at great cost.* Independent Australia, 4 May 20. [Link](#)

McLeay, Graeme and Weber, Ingo. *The madness of a gas-led recovery and what you can do about it.* Independent Australia, 26 June. [Link](#)

Mitchell, Luke and Hamrosi, Michelle. *'Open Letter to Councillors' and 'Doctors are Uniting'.* Bay Post -Letters to the Editor

Saripalli, Manasa. *Vegan change.* WinWin Magazine October 19. [Link](#)

Shearman, David. *UK and EU carbon neutrality will challenge Australian climate policy.* Independent Australia, 11 July 19. [Link](#)

Shearman, David. *Adani arrest draws attention to Australia's global harm.* Independent Australia, 24 July 19. [Link](#)

Shearman, David. *Faunal extinction is a huge part of the climate emergency.* Canberra Times, 20 August 19. [Link](#)

Shearman, David. *The right side of history? Labor's noble climate talk lost in coal smoke.* Sydney Morning Herald, 30 August 19. [Link](#)

Shearman, David. *Climate change diplomacy, one big step for humanity.* John Menadue- Pearls and Irritations 23 September 19. [Link](#)

Shearman, David. *Oil drilling in the Bight will signal an unsustainable future for humanity.* Renew Economy, 27 September 19. [Link](#)

Shearman, David. *Formulating a medical response to a deadly disease of disordered thinking.* Croakey, 16 October 19. [Link](#). Also in John Menadue Pearls and Irritations. [Link](#)

Shearman, David. *Populate and perish: the fleeting hope of a population policy.* Canberra Times, 9 October 19. [Link](#)

Shearman, David. *Australia is defenceless against an advancing foe.* Croakey, 5 November 19. [Link](#)

Shearman, David. *An open letter to the Deputy PM: Fire is burning your party.* The Canberra Times, 15 November 19. [Link](#)

Shearman, David. *Dear Albo, it's up to you to pave Australia's future amid climate change.* The Canberra Times, 6 January 20. [Link](#)

Shearman, David. *As the Liberals rest on their climate laurels, Labor must bite the coal bullet.* New Daily 20 January 20. [Link](#)

Shearman, David. *The Unrelenting Desire to Export more Coal.* John Menadue-Pearls and Irritations, 4 February 20. [Link](#)

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Shearman, David. *COVID-19 has our attention, but other emergencies are destroying our foundations.* Croakey, 15 April 20. [Link](#)

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Shearman, David and Haswell, Melissa. *The Climate Tide roars in, yet leaders fail to understand and act.* John Menadue- Pearls and Irritations, 11 June. [Link](#)

Smith, Clare. *Youth suffering from climate anxiety deserve our assistance.* The Mercury, 17 July 19. Paywalled

Van Der Kallen, John. *Fossil fuel projects are not the way out.* Jimboomba Times, 11 May 20 (also in 116 regional outlets). [Link](#)

Vickers, Bob. *Singleton Dr Bob Vickers, and member of Doctors for the Environment Australia, weighs in on recent Dartbrook coal mine decision* Muswellbrook Chronicle, 15 August 19. [Link](#)

Vickers, Bob. *Emotional toll of mining brought to surface.* Newcastle Herald, 12 October 19. [Link](#)

Vickers, Bob. *Bushfire smoke is changing our way of life.* Sydney Morning Herald, 10 December 19. [Link](#)

Weber, Ingo. *On an historic day for the #SchoolStrike, climate justice must be central.* Croakey Blog, 20 September 19. [Link](#)

Williams, Dimity. *When our love of place gets swallowed by bushfires.* Open Forum, 9 January 20. [Link](#)

Willoughby, John. *Reflections on the average health of average people.* John Menadue, 25 June. [Link](#)

Woolfied, Kathryn. *Doctors stand with kids for climate action.* Sunshine Coast Daily, 27 September. Paywalled

Woolfied, Kathryn. *On becoming a climate change advocate.* NoWEM (Network of Women in Emergency Medicine), 20 October 19. [Link](#)

Yin, Richard. *Climate is a health issue.* Letter to the Editor, Medical Forum.

Yin, Richard. *Acting on climate change is part of a council's duty of care.* Letter to the editor, The Post 13th October

Yin, Richard. *Australia's doctors raise their voices on climate change.* Medical Republic, 4 December 19. [Link](#)

Yin, Richard. *As Australia burns, where is our plan?* AudDoc+, 9 January 20. [Link](#)

Yin, Richard. *Align to the science.* Medicus, February edition.

Medical Forum, bumper climate change issue in the November Edition:

- Letters to the Editor, page 6: *Big dry is real* by Dr Richard Yin; Look to the science by Dr George Crisp
- Feature article page 10: **Critical mass...critical issue**, includes quotes from Dr Deborah Field and photos of Drs Sallie Forrest, George Crisp, Greg Glazov, Hakan Yaman, Brett Montgomery, Chris Curry, Robin Collin and medical students Sharon Kaur and James Leigh.
- Guest column, page 12: *Why action is needed now*, oped by Dr Colin Hughes. [Link](#)

Media mentions

168 articles in 194 publications.

The open letter to Sussan Ley MP - about the EPBC Act review - was referenced in 180 publications in Australia and overseas.

Electric cars can save thousands in health costs

The Driven, 1 July. DEA used as a source for this story. [Link](#)

Proposed air toxics limits dangerously weak, warn health experts

Footprint, 12 July. Dr Ben Ewald quoted. [Link](#)

How coal ash dams can threaten public health

The Medical Republic, 17 July. Drs Amanda Bethell and Graeme McLeay quoted. [Link](#)

A call for more councils to put climate change in the spotlight

The Young Witness, 16 July. Drs Arnagretta Hunter and Trudi Beck quoted [Link](#)

Deputy PM Michael McCormack accused of disputing evidence of global heating. The Guardian, 19 July. News story featuring Dr Trudi Beck. [Link](#)

Are you Climate Homesick? He's got a word for that

Ozy, 26 July. News feature that mentions Dr George Crisp [Link](#)

More than 200 people attend Rix's Creek meeting in Singleton

Newcastle Herald, July 29th Dr Bob Vickers quoted [Link](#)

Australian power stations among world's worst for toxic air

pollution. The Guardian, 19 August. Dr Ben Ewald quoted [Link](#)

'Alarming' Report Uses NASA Satellite Data to Reveal World's Toxic Air Pollution Hotspots. EcoWatch, 19 August. Dr Ben Ewald quoted on air pollution impacts on children. [Link](#)

Australia's SO2 pollution shows coal is by far the most costly generator of electricity. PV magazine, 19 August. Dr Ben Ewald quoted [Link](#)

Wye sulfur dioxide levels exceed World Health Organization level six times Daily Telegraph, 21 August. News story quoting Dr Ben Ewald on pollution from coal-fired power stations in NSW leading to major health harms. Paywalled, link is unavailable.

Unsafe air pollution standards up for review

News GP, 22 August. DEA's position statement and comments by Dr Vicki Kotsirilos [Link](#)

GPs to take to the streets over climate-health concerns

News GP, 28 August. DEA members and Health Strike 4 Climate [Link](#)

Batemans Bay's Dr Hamrosi says "our health is already being

affected by climate change". AboutRegional, 28 August. Story on Dr Michelle Hambrosi and Global Climate Strike [Link](#)

The town where breathing is like 'smoking a cigarette a day'

Mackay Daily Mercury, 28 August. Dr David King on the impacts of coal dust. Paywalled but a copy is available on request.

Delta Electricity claims pollution report should be considered

flawed and misleading Central Coast Newspapers, 28 August. Dr Ben Ewald quoted on sulphur dioxide levels and health. [Link](#)

Australian Medical Association declares climate change a health emergency. The Guardian, 3 September. DEA has also declared a climate and health emergency. [Link](#)

Australian Medical Association Formally Declares Climate Crisis a 'Health Emergency'. Sputnik News, 3 September. DEA has also declared a climate and health emergency [Link](#)

Climate change is a health emergency. Mirage News, 3 September.

DEA has also declared a climate and health emergency. [Link](#)

Climate Change Declared 'Health Emergency' By Australian

Medical Association Plant Based News, 4 September. DEA has also declared a climate and health emergency [Link](#)

Toyota diesel emissions expose broader problem with car pollution in Australia. ABC, 5 September. Associate Professor Vicki Kotsirilos AM quoted on the health impacts of diesel. [Link](#). Also, [Link](#)

Toyota's Faulty DPFs Reveal Lax Emissions Standards in Australia Autoevolution, 5 September. [Link](#)

Air pollutants linked to emphysema risk. The Medical Republic, 6 September. News story on ground ozone which mentions DEA's response. [Link](#)

Leading Australian medical body declares climate change a health emergency. The Rising, 6 September. DEA has also declared a climate and health emergency. [Link](#)

Climate change is a health emergency, Australian Medical Association says. Camden Haven Courier, 8 September. Prof Kingsley Faulkner quoted [Link](#)

Inside Track: Healthcare. Lexology, 10 September. DEA has also declared a climate and health emergency. [Link](#)

Doctor fears climate change health impacts worsening. Sunshine Coast Daily, 12 September. Dr Kathryn Woolfield about early bushfires. Paywalled

Upper Hunter air quality monitoring network issues unprecedented alerts for poor air quality. The Northern Daily Leader, 12 September. Singleton GP Dr Bob Vickers quoted. [Link](#)

Bendigo Sustainability Group supports Doctors for the Environment Australia's call for action on climate change. Bendigo Advertiser, 16 September. News story about DEA's No Time For Games pledge handover. [Link](#)

Doctors lobby on climate health risk. AAP news story on 16 September, No Time For Games pledge handover and event in Canberra - syndicated across several platforms: Nine news; Daily Mail; Macleay Argus; The West Australian; Nambucca Guardian News; The Young Witness; The Northern Daily Leader. [Link](#)

'Beyond time for action' - Australian farmers call for climate change action plan. SBS news 16 September. DEA's NTFG pledge mentioned. [Link](#)

Steggall: climate change threat to kids' health Daily Telegraph, 16 September. Paywalled.

Environmental groups warn against push for nuclear power in Australia. The Guardian, 16 September. Mentions Zali Steggall's parliamentary motion. [Link](#)

#CoveringClimateNow - healthcare sector urged to step up Croakey Blog, 16 September. Dr Arnagretta Hunter quoted and NTFG pledge handover. [Link](#)

Dr Sarah Mollard takes a stand on climate change. Port Macquarie News, 17 September. Dr Sarah Mollard and the Global Climate Strike event. [Link](#)

Climate change protesters gather around Australia in latest mass strike. New Daily, 20 September. Dr Richard Yin quoted on why DEA supported the Global Climate Strike. [Link](#)

Highly touted UN climate summit failed to deliver-and Scott Morrison failed to show up. Croakey Blog, 25 September. Dr Eugenie Kayak quoted on the disappointing NY climate summit. [Link](#)

Illawarra doctors highlight health impacts of climate change Illawarra Mercury, 26 September. Dr Jessica Hegedus and the Wollongong climate rally. [Link](#)

It's not so simple. The Perth Voice, 27 September. Dr Richard Yin quoted. [Link](#)

Midlands coal mine not in state's best interests. The Advocate, 2 October. Dr Anna Seth quoted. [Link](#)

Fire safety and health tips for long weekend bushwalkers and beachgoers. Mirage News, 5 October. Dr Kim Loo quoted. [Link](#)

Diesel in mines may soon be banned and replaced by electricity The Driven, 9 October. DEA mentioned. [Link](#)

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Law council must declare climate emergency, aid protesters, say lawyers. Green Left Weekly, 11 October. DEA mentioned [Link](#)

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Armidale GP Dr Sujata Allan explains why climate change is the century's greatest challenge. Northern Daily Leader, 23 October. News story featuring Dr Sujata Allan. [Link](#). Also in the Armidale Express, 22 October. [Link](#)

No new fossil fuel projects in South Australia, say protesters. Green Left Weekly, 24 October. DEA mention as a signatory. [Link](#)

No new fossil fuel projects. Green Left Weekly, 26 October. DEA mentioned as a signatory [Link](#)

Climate change health warning. 9 news, 27 October. Dr Arnagretta Hunter interviewed for this news piece. [Link](#)

Climate Health Emergency. Country Leader, 28 October. News story featuring Armidale GP Dr Sujata Allan who is calling for a national coordinated strategy to prepare for climate change impacts. Paywalled

Equinor could use toxic oil dispersants west of Kangaroo Island: Greenpeace. The Islander, 7 November. Dr David Shearman quoted [Link](#)

Equinor's plans to use banned dispersant Corexit 9500 to tackle oil spill upset Greenpeace and Doctors for the Environment Australia The Advertiser, 11 November. Dr David Shearman quoted. Paywalled.

How much revenue will SA get from Equinor's drilling for oil in the Bight? The Daily Telegraph, 11 November. Greenpeace and DEA's objections to banned dispersant. Also syndicated to other News Corp publications. Paywalled.

Equinor to spray banned chemical dispersant that harms whales and workers in the Great Australian Bight. Foreign Affairs, 11 November. News story that quotes Dr David Shearman

Bushfires defining moment for climate change say doctors Ausdoc, 14 November. Dr Arnagretta Hunter quoted. [Link](#)

Children will be hurt most by climate impacts on health NewsGP, 14 November. Dr Arnagretta Hunter quoted. [Link](#)

Coalition inaction on climate change and health is risking Australian lives, global report finds. The Guardian, 14 November. Dr Arnagretta Hunter, as well as DEA's climate emergency declaration. [Link](#)

Gold Coast fires: Increase in hospital admissions, animals at risk Gold Coast Bulletin, 16 November. Dr Beau Frigault quoted. Paywall. PDF available on request.

Doctors angry at lack of action on climate change. Coffs Coast Advocate, 18 November. Paywall.

Sydney choking on smoke from bushfires: What GPs need to know News GP, 19 November. A/Prof Vicki Kotsirilos AM quoted [Link](#)

Doctors 'obliged to speak on climate risk. AAP, 19 November. Dr Kate Charlesworth quoted on Sydney's poor air quality. news.com.au Also, in SBS and 2SM

Doctors for the Environment Australia highlights risks of ongoing smoke exposure as Hastings air quality reaches hazardous levels Port Macquarie News, 19 November. Dr Sarah Mollard quoted [Link](#)

Doctors and community representatives meet at Singleton to discuss impacts of declining air quality. The Northern Daily Leader, 19 November. Dr Bob Vickers quoted. Paywalled

Community meeting demands action to address chronic air pollution in the Hunter Valley. Newcastle Herald, 19 November. Dr Bob Vickers quoted. [Link](#)

Australia needs policy to deal with health effects of climate change, Chris Bowen says. The Guardian, 20 November. Labor's health spokesperson Chris Bowen makes the link between health and climate change and mentions DEA. [Link](#). Also The Australian Financial Review [Link](#)

Air quality a 'tangible emergency': councils must act. Coffs Coast Advocate, 20 November. News story that mentions DEA. Note paywall

'Hazardous' air quality from bushfire smoke triggers spike in hospital admissions. The Guardian, 22 November. Dr Arnagretta Hunter quoted. [Link](#)

School of Medicine, Sydney plays its part in 2019 MJA-Lancet Countdown on health and climate change. Mirage News, 26 November. DEA National student representative Georgia Behren's quoted. [Link](#)

A motion by the Mayor of Singleton Sue Moore has attracted support for a report on Singleton Council's action in response to climate change and air pollution. Singleton Argus, 26 November. Dr Robert Vickers' address to a Council meeting about air pollution and the impacts on local communities. [Link](#)

Why you shouldn't be exercising in the bushfire smoke. Huffington Post Australia, 26 November. News story which quotes Dr Beau Frigault. [Link](#)

Doctor: Bushfire smoke creates 'awful health impacts. News.com.au, 5 December. News story that quotes Dr Kim Loo. [Link](#). Also in The Islander, 4 December, [Link](#) and The Canberra Times, 4 December [Link](#)

How bad is bushfire smoke for your health? Sydney Morning Herald, 5 December. News article and explainer which quotes Dr Arnagretta Hunter. [Link](#)

The big smoke: how bushfires cast a pall over the Australian summer. The Guardian, 5 December. Briefly mentions Dr Kim Loo [Link](#)

The Bushfire Smoke Isn't Going Anywhere, So Here's How To Deal With It. Junkee, 5 December. Mentions DEA's media statement on the hazards of bushfire smoke. [Link](#)

Firefighters brace for another day of horror as bushfire crisis hits Sydney and raging infernos burn across NSW. Daily Mail, 5

December. Has a breakout which quotes Dr Kim Loo. [Link](#)

Right now, more than 5 million Australians are “smoking without consent”. Mamamia, 6 December. News article that quotes Dr Kim Loo. [Link](#)

Poor air quality remains a health threat. NewsGP, 6 December. Brief mention of Dr Kim Loo. [Link](#)

The climate crisis is already affecting our health, and there’s more to come. The Guardian (RACGP paid content), 6 December. Mentions DEA’s NTFGs report and Dr Tim Senior. [Link](#)

Asthma worse in heat. Leader Newspapers, 9 December 2019. Dr Karen Kiang was interviewed by the Leader newspapers.

Bushfire smog advice: stay in, avoid outside exercise. The Canberra Times, 9 December. News story which quotes Dr Arnagretta Hunter. [Link](#)

‘Work From Home’: As Bushfire Smoke Continues To Spread, Australians Urged To Stay Indoors. Huffington Post, 9 December. News article with quotes from Dr Bob Vickers. [Link](#)

Air quality linked to more types of hospitalisation. Medical Republic, 9 December. Mention of DEA’s ambient air pollution policy. [Link](#)

NSW bushfires: doctors sound alarm over ‘disastrous’ impact of smoke on air pollution. The Guardian, 10 December. News story with quotes from Dr Kim Loo. [Link](#). Also in Ecowatch [Link](#)

As Sydney smokes, lung health experts declare climate change a medical emergency. Croakey, 10 December. DEA mentioned as having declared climate change a health emergency. [Link](#)

Smoke From Australia’s Bushfires Is Setting Off Fire Alarms in Sydney. Yahoo! 11 December. Brief mention of Dr Kim Loo. [Link](#)

‘Horried’ doctors call for direct action on bushfire health threat Sydney Morning Herald, 12 December. News story based on DEA’s media release on smoke pollution. Quotes Dr Richard Yin. [Link](#).

What Are Schools Doing To Protect Kids From Bushfire Smoke Pollution? Huffington Post, 13 December. News story which quotes Dr John Van Der Kallen. [Link](#)

NSW bushfires: ‘apocalyptic’ health effects of Sydney’s toxic air. Sydney Morning Herald, 14 December. News story which quotes Dr Arnagretta Hunter among a number of experts.

Governments must act on public health emergency from bushfire

smoke, medical groups say. The Guardian, 16 December. News story on the joint statement on air pollution which quotes Dr Lai Heng Foong. [Link](#)

Smoke returns as doctors warn of ‘health emergency’. Financial Review, 16 December. Article is paywalled. [Link](#)

Health sector unites to urge government action on bushfire smoke. Hospital Healthcare, 17 December. News story that quotes Dr Lai Heng Foong. [Link](#)

Cancer warning after 28 days of smoke haze: experts. Daily Telegraph, 17 December. News story that quotes Dr Kim Loo. Note the story is paywalled.

Ryan Park calls for action on ‘hazardous’ air pollution. Illawarra Mercury, 17 December. Mentions DEA as one of the signatories in the joint statement on air pollution as a public health emergency. [Link](#)

Smoke levels impacting children are dire - declare a public health emergency, experts say. The Sector, 17 December. News story that mentions DEA as a signatory to the joint statement and quotes Dr Lai Heng Foong. [Link](#)

Five Alternative School Holiday Activities As Bushfire Smoke Continues. Huffington Post, 18 December . Quotes Dr John Van Der Kallen. [Link](#)

Activists set up camp outside Scott Morrison’s Sydney prime ministerial residence Kirribilli House. Perth Now, 19 December. News story that quotes Dr Kim Loo. [Link](#)

Amidst The Fire And Fury, Today Could Be The Day Of Reckoning For ScoMo’s Government. GQ, 19 December. Mentions Dr Kim Loo. [Link](#)

Massive bushfires send Australia’s clean and green reputation up in smoke. Reuters, 20 December. Dr Kim Loo quoted. [Link](#)

‘Go and do something productive’: Acting PM tells climate protesters they are wasting their time as Australia records hottest ever day. The Independent(UK), 20 December. Dr Kim Loo mentioned. [Link](#)

Wildfire smoke endangers lives and Sydney outdoor lifestyle. The Financial Times, 20 December. News story which quotes Dr Arnagretta Hunter. Paywalled

Burns, smoke and heatstroke: firefighters brave grave health hazards. The Sydney Morning Herald, 20 December. Dr Arnagretta Hunter provided background information. [Link](#)

Smoke pollution advice impractical: expert. Guardian News, 20 December. News story which quotes Dr Arnagretta Hunter. [Link](#). Also in The Courier [Link](#)

‘Catastrophic’ conditions as bushfires rage in Australia. Dhaka Tribune, 21 December. Quotes Dr Kim Loo. [Link](#)

Australia’s clean and green reputation takes a beating. The Straits Times (Singapore daily publication), 21 December. Mentions Dr Kim Loo. [Link](#)

‘Catastrophic’ conditions as bushfires rage in Australia. France 24 (international news channel), 21 December. Quotes Dr Kim Loo. [Link](#)

The world’s third most liveable city is choking on toxic smoke. Quartz, 22 December. News story that quotes Dr Kim Loo. [Link](#)

Massive bushfires send Australia’s clean and green reputation up in smoke. Japan Times, 22 December. Briefly mentions Dr Kim Loo. [Link](#)

Australie : «La fumée s’est infiltrée partout, dans les maisons, les bureaux, et même à l’hôpital» Liberation (French daily), 22 December. Interview with Dr Eugenie Kayak on the hazardous air pollution in Sydney and surrounds. [Link](#). See summary on the DEA website [Link](#)

Exercising outdoors in the smoke haze: Is it safe? Sydney Morning Herald, 23 December. News story with quotes from Dr Arnagretta Hunter. [Link](#). Also in: The Brisbane Times, Newstral and Press From (US) [Link](#)

Under pressure Australia PM visits beleaguered firefighters Breitbart, 23 December. News story in a US website quoting Dr Kim Loo. [Link](#). Also in: The National (Middle Eastern publication) [Link](#)

Australia: Toxic air from bushfires rated a “public health emergency”. World Socialist Website, 23 December. Quotes Dr Richard Yin. [Link](#)

Incendies en Australie «Notre écosystème s’effondre» Libération 4 January. Quotes from Arnagretta Hunter. [Link](#)

Falling ash, skies of blood – and now Australia’s anger smoulders. The Guardian, 5 January. Dr Liz Bashford quoted. [Link](#)

Ross Garnaut’s climate change prediction is coming true and it’s going to cost Australia billions, experts warn. ABC Local, 8 January. Quotes Dr John Iser. [Link](#)

Burning anxiety: The new normal isn’t just the fire, it’s the fear New Daily, 11 January. Feature article that quotes Dr Robert Llewellyn-Jones and Dr Richard Yin. [Link](#)

We must be more conscious of coal, and our future. Canberra Times, 12 January. Oped by journalist Joanne McCarthy who mentions DEA. [Link](#)

The dangers of bushfire smoke unmasked. PR Wire, 13 January. Quotes Dr Katherine Barraclough. [Link](#)

Big Issue Australia vendors on the bushfires ravaging their country International Network of Street Papers(INSP). 14 January. Quotes Dr Arnagretta Hunter. [Link](#)

Tradies urged to down tools, fire alarms set off as smoke haze engulfs city. Herald Sun, 14 January. News article quotes Dr Katherine Barraclough. [Link](#)

‘Australia fires are impacting physical, mental health’ Israel national News, 14 January. Quotes Dr Arnagretta Hunter. [Link](#)

Victoria’s chief health officer calls for Australian Open air quality policy. The Age, 15 January. News article quotes Dr Katherine Barraclough. [Link](#)

Down Under? The Big Issue, 16 January. Quotes Dr Arnagretta Hunter. [Link](#)

Doctor explains the impact the fires have had on our health, Neos Kosmos, 17 January. News article that quotes A/Prof Vicki Kotsirilos AM. [Link](#)

Bushfires expose weaknesses in Australia’s health system, The Lancet, 18 January. Feature story that quotes Dr Eugenie Kayak (also Dr Arnagretta Hunter in an independent capacity) How are homeless people in Australia affected by the bushfires. [Link](#)

The warming planet is already killing people, so health policy must catch up. Sydney Morning Herald 20 January. In a major speech by Shadow Health Minister Chris Bowen (which also ran as an oped), he cites DEA as an authority alongside the AMA. [Link](#)

Dr Dimity Williams was interviewed about bushfire smoke and health by the Latrobe Valley Express. Jan 21. Article unavailable.

Smoke in the city: The dire health implications. GreenLeft, 24 January. Quotes Dr Katherine Barraclough. [Link](#)

Just a month after bushfire tore through parts of the NSW’s Blue Mountains, recovery for many residents and businesses is well underway. Featured on SBS, 29 January. News article that quotes Dr Robert Llewellyn-Jones. [Link](#). Also featured on Facebook [Link](#)

and Instagram

Bushfire Smoke. Tara Ali, health writer for New Idea spoke with Dr Arnagretta Hunter about bushfire smoke on 30 January. Article unavailable.

Glencore's proposed Glendell mine expansion until 2044 has galvanised global warming activists. Western Magazine, 30 January News story that quotes Dr John Van Der Kallen. [Link](#). Also appeared in the Newcastle Herald. [Link](#)

Indigenous envoy challenges Siemens in Germany over Adani mine The Guardian, 4 February. News story which links to DEA's joint open letter to Siemens. [Link](#)

Faithful speak out at People's Climate Assembly after bushfires mnnnews.today, 5 February. News story that mentions DEA. [Link](#)

NSW mining bill must exclude 'scope 3' emissions: Minerals Council. The Australian Financial Review, 6 February News story that quotes Dr John Van Der Kallen, and Dr Kathleen Wild. [Link](#)

Precautionary principles. Inside Story, 6 February. Story with quotes from Dr Arnagretta Hunter and A/Prof Linda Selvey. [Link](#)

A joint call for climate action in WA. Revive, 7 February. News story which mentions Dr Richard Yin as DEA's representative. [Link](#)

Dr Sue Packer, past Australians of the Year, call for action on climate change. Riot Act, 8 February. News story - Dr Packer and Prof Fiona Stanley's affiliation with DEA. [Link](#)

Protesters circle Parliament House against climate inaction. Independent Australia, 8 February. News story of the People's Climate Assembly that mentions DEA's participation. [Link](#)

A registrar's daughter nearly died in utero – was it bushfire smoke? NewsGP, 13 February. Quotes Dr Kristine Barnden. [Link](#)

The NSW Government has announced interim hourly air quality standards after summer bushfires. Newcastle Herald, 17 February. News story with extensive quotes from Dr Ben Ewald. [Link](#)

National Climate Emergency. YouTube 24 February. Mentions DEA's climate emergency alongside the AMA. [Link](#)

Onshore gas idea divides. Colac Herald, 26 February. News story that quotes Dr Liz Bashford. Paywalled.

Hydration and heatwaves. Leader newspapers, 13 March. Quotes from Dr Katherine Barraclough. Published in 24 newspapers across Melbourne

Victoria lifts moratorium on onshore gas, but permanently bans fracking. Renew Economy, 17 March. Quotes Dr Katherine Barraclough. [Link](#)

The costs of climate change are already upon us. We must prepare for the next emergency. Partyline, 17 March 2020. Call for advocacy work with colleges and groups such as DEA. [Link](#)

Community support is the way to beat distressing times, says Canberra doctor. RiotAct! 19 March. News story which quotes Dr Arnagretta Hunter. [Link](#)

The built environment and obesity: You are where you live Australian Journal of General Practice, April edition. Paper by Dr Ivan Parise which mentions DEA as one of the groups that can advocate for a healthy built environment. [Link](#)

Singleton GP Bob Vickers concerned about health impacts from long-term and cumulative PM2.5 exposure. Singleton Argus, 9 April. Quotes Dr Bob Vickers extensively about the latest National Pollution Inventory data and spikes in air pollution from coal-fired power. [Link](#)

Air pollution associated with COVID-19 deaths. newsGP, 22 April. News story on the need to validate overseas studies linking air pollution and Covid 19, and if there is an association it adds to the weight of evidence for stricter air quality laws. Quotes A/Prof Vicki Kotsirilos AM extensively. [Link](#)

Action looms over 'steep, unexplained' spike in power plant pollution. Sydney Morning Herald, 23 April. News story about a legal complaint to the Vic and NSW EPA which mentions DEA and quotes A/Prof Vicki Kotsirilos AM. [Link](#). Also in Brisbane Times, The Age.

Frontline doctors speak out on Covid19 and climate change Beagle Weekly, 24 April. Republished DEA Facebook post about the launch of the video, 'Frontline Doctors Speak Out on Covid-19 and Climate Change'. [Link](#)

Complaints levelled at Yallourn. Latrobe Valley Express, 27 April. DEA mentioned as one of the groups that made a legal complaint to the Vic EPA. [Link](#)

Physical distancing is here for a while—over 100 experts call for more safe walking and cycling space. The Conversation, 29 April. DEA mentioned as one of the groups that signed on to an open letter. [Link](#). Republished in Medical Xpress, 29 April [Link](#). And in Property Observer, 30 April. [Link](#)

Home gas heating can have lethal consequences, doctors warn. Mirage News, 1 May. Publication of DEA's media statement warning

about indoor pollution from domestic gas appliances. [Link](#)

Call for wider footpaths, more cycling paths, slower streets to allow safe distancing. Brisbane Times, 3 May 2020. News story that mentions DEA as one of 100 groups that signed an open letter calling for better infrastructure to improve active transport options. [Link](#). Also featured in Sydney Morning Herald [Link](#). The Conversation [Link](#). Medical Express [Link](#). Croakey [Link](#)

‘The genie is out of the bottle’: telehealth points way for Australia post pandemic. The Guardian, 13 May 2020. Quotes Dr Forbes McGain on hospital greenhouse gas emissions during the Covid-19 pandemic and opportunities for radical change. [Link](#)

Energy company to use biomass to re-fire one of Australia’s top emitting coal power plants. The Chemical Engineer, 15 May 2020. Mentions DEA submission re Redbank Power Station. [Link](#)

Researchers want climate change listed as cause of death in bushfires. Herald Sun, 21 May 2020 Quotes Dr Arnagretta Hunter. Paywalled.

Academics push for climate change to be included as an official cause of DEATH for bushfire victims. Daily Mail, 22 May 2020. Quotes Dr Arnagretta Hunter. [Link](#)

Health leaders warn over failing environmental laws. Medical Republic, 25 May 2020. DEA quoted extensively. [Link](#)

The open letter to Sussan Ley MP - about the EPBC Act review - was referenced in 180 publications in Australia and overseas: prominent health leaders and groups warn ‘failing’ nature laws will lead to further public health crises. DEA in conjunction with the Climate and Health Alliance (CAHA) released an open letter, calling for Environment Minister Sussan Ley to strengthen Australia’s nature laws. The letter was signed by more than 180 health experts and 19 health groups and released to the media on Monday 25 May. It was reported in more than 160 publications -- full list available on request—right across the political spectrum, including the Australian, news.com.au, the Herald Sun, 7news, and more.

It was the lead story in the Guardian: Australia’s failing environmental laws will fuel further public health crises, Nobel Laureate warns. The Guardian, May 25 2020. [Link](#)
The story ran in the expat publication, Australian Times: Open letter warns weak environmental laws endanger us all. The Australian Times, 25 May 2020. [Link](#)

The next global health pandemic could easily erupt in your backyard. The Conversation, 2 June. Article references DEA’s open letter to Environment Minister Sussan Ley. [Link](#)

Commenting on the story: SA public servants set to get freedom of super choice. InDaily, 10 June. Letter to the Editor by Dr David Everett who urges the SA government to progress this initiative. [Link](#)

NSW parliamentary inquiry into air quality hears asthma sufferers, wider community still affected by bushfire smoke. Port Macquarie News, 12 June. News story with Dr Trudi Beck as DEA spokes. [Link](#)

What some health leaders are hoping might emerge from pandemic disruption. Croakey, 15 June. News story that quotes Dr Richard Yin. [Link](#)

Peninsula group joins national push to protect environment Peninsula News, 22 June. News story which mentions Dr Katherine Barraclough as spokesperson for DEA’s recent open letter to Environment Minister Sussan Ley. [Link](#)

Save money and the planet. Hills to Hawkesbury Community News, 22 June. News story featuring Dr Kim Loo on the benefits of clean energy for the planet and the hip pocket. [Link](#)

Radio and television interviews

62 interviews through various media

Environment group mounts court case against EPA

NBN News, Dr Ben Ewald interviewed about the NCC court case against the EPA over its renewal of environment protection licences for coal-fired power stations in New South Wales and how pollution impacts health. 4 July 2020. [Link](#)

Air pollution. Radio 2NURFM, Dr Ben Ewald interviewed. 8 July 2020

Wheatstone gas emissions 'excessive', say residents in north-west WA town of Onslow. ABC Pilbara, 14 July 2020 Dr George Crisp interviewed. [Link](#) Also, on ABC News 24 station – No Link

Excessive emissions. Radio Adelaide 101.5, 21 July 2020 Interview with Dr George Crisp on health impacts from LNG. No link

What is going on with the quality of air in the Hunter?

ABC Newcastle, 22 July 2020. Interview with Drs Bob Vickers and Ben Ewald [Link](#)

The Big Stink... Why Australia Is Lagging Behind The Rest Of The World In Reducing Car Emissions. The Project on Network Ten, 29 July 2020 Segment includes interview with Dr Ben Ewald [Link](#)

How clean is the air you breathe? Life Matters on ABC Radio National, 13 August 2020. Extensive interview with Dr Vicki Kotsirilos on air pollution from motor vehicles, impacts on health and review of air quality laws. [Link](#)

Air pollution and vehicle emissions. The Project ABC TV

ABC FNQ Drive interviewed David King. 26 August 2020

Climate emergency call for local shire. Dr Luke Mitchell interviewed by ABC Bega

ABC local South- West (WA) breakfast radio program

Interview with Dr George Crisp about the health and economic implications of the closure of two units of the ageing coal-fired power station at Muja. Also in Business News. No link

The AMA - climate change is a health emergency

2SM radio, 3 September 2019. Professor Kingsley Faulkner was interviewed about the AMA's health emergency declaration. No link

The AMA - climate change is a health emergency

Newcastle 1233, Interview with Dr Ben Ewald. 3 September 2019

Climate change is a health emergency. 2GB radio Dr George

Crisp interviewed in response to the AMA's health emergency declaration. 6 September 2019 No link

Radio 99.7 Bridge FM. Dr Beau Frigault on the AMA's recent

declaration of climate change as a health emergency. 10 September 2019

Doctors support the Student Strike for Climate

Environmental as Anything Interviews, John van Der Kallen. 16 September 2019. [Link](#)

Climate change and its impact on our Emergency Departments.

Podcast by Rural Health West featuring Dr Mark Monaghan. September 2019. [Link](#)

Understory 2019: Climate emergency – intergenerational theft. RTR

FM Perth radio that mentions DEA. 2 October 2019 [Link](#)

Air pollution in Singleton and Muswellbrook

Dr Bob Vickers Interview on NBN news, 14 October. [Link](#)

The health effects of coal dust on Hunter Valley communities. The

Project, Dr Bob Vickers and Ben Ewald. 18 October 2019 [Link](#)

Coal Seam Gas. ABC Radio Tamworth, Interview with Dr John Van

Der Kallen. 25 October 2019. No link

Climate change health warning. Nine news, Dr Arnagretta Hunter interviewed for this news piece. 27 October 2019. [Link](#)

Children and climate change during World Children's Day. Afternoons with Richelle Hunt 774 ABC Melbourne, Dr Karen Kiang. No link

Equinor toxic oil dispersants. ABC Port Lincoln interview 6 November with Dr David Shearman. No link

Bushfires. Dr Beau Frigault was interviewed about the Qld bushfires on Triple M, channel 7 and 9 and across the network of 17 publications. 12 November 2019

Asthma refugees. The Wire, Radio interview on bushfire pollution and asthma with Dr Richard Yin. 11 December 2019. [Link](#)

Bushfires and smoke pollution. Ten News, Interview with Dr Arnagretta Hunter. 11 December 2019 [Link](#)

NSW bushfires. 2ser radio interview on with Dr Sujata Allan. 12 November 2019. No link

The Drum. Dr John Van Der Kallen interview. 14 November 2019. No link

Smoke pollution. Illawarra ABC, Interview with Dr Arnagretta Hunter. 16 December 2019. No link

Oil-spill clean-up costs human and environmental health. The Wire, Radio interview with Dr Graeme McLeay. 17 November 2019. [Link](#)

ABC New England. Dr Sujata Allan interviewed about heat. 17 December 2019. [Link](#). Live interview with Rod Henshaw 2CC, 17 December 2019 featuring Dr Arnagretta Hunter

Qld doctor warns of heatwave health risks. 7news.com.au, News story that quotes Dr Kathryn Woolfield. 17 December 2019. [Link](#). Also in Blue Mountains Gazette [Link](#)

Heatwave to hit record temperatures across Australia. ABC News Tonight, TV interview with Dr Arnagretta Hunter on the heatwave in parts of Australia. 17 December 2019. No link

Australian heatwaves. The World Today ABC, Dr Arnagretta Hunter is part of a guest discussion. 18 December 2019. [Link](#)

Public health implications of bushfire smoke. Junkee Takeaway news podcast. Interview with Dr Arnagretta Hunter. No link available.

Bushfires and smoke pollution. ABC NewsRadio, 31 December: Interview with Dr Kathleen Wild on the health impacts. No link available.

2SM, 30 December: Interview with Dr Arnagretta Hunter about smoke pollution in Victoria and NSW. No link available.

Australian Radio Network, 30 December: Interview with Dr Arnagretta Hunter about smoke pollution across the eastern seaboard. No link available.

ABC Gippsland, 30 December. Pre-recorded interview with Dr Katherine Barraclough on the impacts of smoke pollution on the local community. No link available.

Doctor Says Australia Fires Are Impacting Physical, Mental Health. WBUR-FM, Boston (University) Radio, Massachusetts. (WBUR is the largest of three NPR member stations). Based on an Interview with Dr Arnagretta Hunter. 9 January 2020 [Link](#)

NSW Parliament House via Facebook Q & A session with the Greens Senator Cate. Faehrmann, Dr Lai Heng Foong interviewed. 9 January

Bushfires and related smoke. 2GB, Dr Jane Morgan interviewed. 10 January 2020. No link

Impact of bushfire smoke of health, and how climate change is creating health problems for Victorians. ABC Central Victoria, Interview with Dr Katherine Barraclough. 10 January 2020. No Link

Smoke Pollution and Health. ABC 774, Dr Katherine Barraclough interviewed. 14 January 2020. No link

The effects of bushfire smoke. 95.5FM KROCK, Geelong, Dr Hayden Burch. 16 January 2020

The lethal threat from cancerous particles in the soil scorched by bushfires. Channel 10, Dr Beau Frigault interviewed. 16 January 2020. Link unavailable

Workers responding collectively to bushfire pollution
3CR radio, Earth Matters, Interview with Dr Katherine Barraclough. 26 January 2020. [Link](#)

Australians swelter through hottest month on record
World Today, ABC, Dr John Van Der Kallen interviewed. 1 Feb 2020. [Link](#)

Smoke risks on health. ABC News TV, Interview with Dr John Van Der Kallen. 5 February 2020. Video available on request

Doctors warn on potential health fallout from summer bushfires. Australia Wide ABC, 13 February, Dr Arnagretta Hunter as one of the guest speakers. [Link](#)

Australia and climate change. ARTE reportage, also on French TV, John Van Der Kallen and Ben Ewald. 9 February 2020. [Link](#)
(23 minutes long: John Van Der Kallen 6:08 and John Van Der Kallen and Ben Ewald 11:44)

Haydn Burch speaks on impacts of smoke pollution on life savers. 93.9BayFM: [Link](#). or KROCKFM: [Link](#)

Victorian EPA. ABC Radio Gippsland. Interview with A/Prof Vicki Kotsirilos AM on the legal complaint to the Vic EPA. No link

Nature prescriptions. ABC Canberra Afternoons, Dr Dimity Williams interviewed about nature prescriptions. 14 February 2020. No link

Singleton GP Bob Vickers concerned about health impacts from long-term and cumulative PM2.5 exposure. Singleton Argus, 9 April, Quotes Dr Bob Vickers extensively about the latest National Pollution Inventory data and spikes in air pollution from coal-fired power. [Link](#). Also interviewed on ABC NSW Drive

Health pandemics connected to climate change. Katherine Barraclough and CAHA's Executive Director Fiona Armstrong were interviewed on the ABC and SBS News, as well as various SBS Your Language programs. [Link](#)

Call for overhaul of failing enviro laws. ABC and 3MMM as well as 7 News, 25 May 2020 [Link](#)

More than 180 doctors sign open letter calling for overhaul of failing environmental laws. SBS News, Rosemary Stanton was interviewed by 3MMM. 25 May 2020. _____

Thank you

DEA would like to thank the following people for their pro bono work and support over the past year:

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Farewell to Joy Oddy

When DEA's national office moved from Adelaide to Melbourne at the end of 2019, we sadly farewelled Administration Officer Joy Oddy. We thank Joy for her dedication to DEA for almost a decade. DEA would not have grown to the organisation it is now without Joy's contribution.

Annual report team

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