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RESEARCH INTERESTS:

I am a mid-career researcher with an extensive body of work spanning climate change and variability, climate extremes, subseasonal-to-seasonal prediction, and climate change impacts. I have published several landmark studies on climate projections in high-impact journals.

ACADEMIC POSITIONS:

- Sep 2021- **University of Melbourne, Australia**
Senior Lecturer in Climate Science
Teaching and Research Position
- May 2018-Sep 2021 **University of Melbourne, Australia**
ARC DECRA Fellow and Lecturer in Climate Science
Independent 3-year research fellowship working on seasonal prediction of rainfall extremes and effects of climate change and variability on extremes.
- Jan 2018-Apr 2018 **University of Melbourne, Australia**
Lecturer in Climate Science
Teaching and Research Position
- Sep 2014-Dec 2017 **University of Melbourne, Australia**
Climate Extremes Research Fellow
Wide-ranging work investigating climate extremes and variability with a focus on event attribution.
- Jun 2014- Aug 2014 **University of New South Wales (UNSW), Australia**
Research Assistant
Self-driven work investigating the timing of anthropogenic emergence in climate extremes.

EDUCATION & QUALIFICATIONS:

- Sep 2011- Jun 2014 **University of New South Wales (UNSW), Australia**
PhD Climate Science
Thesis: An investigation into the drivers of extreme rainfall variability in Australia.
- Oct 2007- Jun 2011 **University of Reading, UK**
MMet Meteorology with a year in Oklahoma
First Class Honours Degree

FUNDING:

I have been awarded funding in highly competitive grant schemes. Notably, I received an Australian Research Council (ARC) Discovery Early Career Researcher Award (DECRA). The DECRA scheme has a success rate of 15-20%.

Table of grant funding received to date.

Grant type and dates	Topic	Lead/Co-CI	Grant Status
ARC DECRA (2018-21)	Seasonal prediction of extreme rainfall in Australia	Lead	Awarded (AUD343000)
University of Melbourne Establishment Grant (2018-21)	Seasonal prediction of extreme rainfall in Australia	Lead	Awarded (AUD30830)
National Environmental Science Program Climate Systems Hub (2021-27)	Climate change processes, projections, adaptation and services	Co-CI	Awarded (AUD38 million)

SUPERVISION:

I have supervised students on a range of topics and have led the supervision of one PhD and two MSc students to completion.

Table of research higher degree (RHD) student supervision.

Student	Program	Years	Supervision type and amount	Topic
Liam Cassidy	PhD	2022-	Primary (60%)	Understanding climate change under net-zero and negative emissions pathways
Alexander Borowiak	PhD	2021-	Primary (50%)	Climate extremes in transient and stabilised warmer worlds
Ruby Lieber	PhD	2021-	Co-supervisor (30%)	El Niño-Southern Oscillation and teleconnections to climate extremes
Fadhilil Muhammad	MSc	2020-	Co-supervisor (40%)	Synoptic and mesoscale drivers of Jakarta extreme rain events
Kimberley Reid	PhD	2019-	Primary (60%)	Atmospheric Rivers and extreme rainfall
Tony Rafter	PhD	2018- (Part time)	Co-supervisor (20%)	Short-duration extreme rainfall in southeast Australia under climate change
Alexander Borowiak	MSc	2018-2020	Primary (80%)	The Madden-Julian Oscillation and tropical Australian extreme rainfall
Genevieve Tolhurst	MSc	2018-2020	Primary (60%)	Synoptic patterns linked to Victorian extreme rainfall
Dominic Thorn	MSc	2017-2018	Co-supervisor (20%)	Understanding Antarctic sea ice variability and change
Sopia Lestari	PhD	2017-2021	Primary (50%)	Variability and change in Jakarta extreme rainfall
Adrian D'Alessandro	MSc	2016-2017	Co-supervisor (40%)	Anthropogenic climate change and heatwaves in Perth and Melbourne

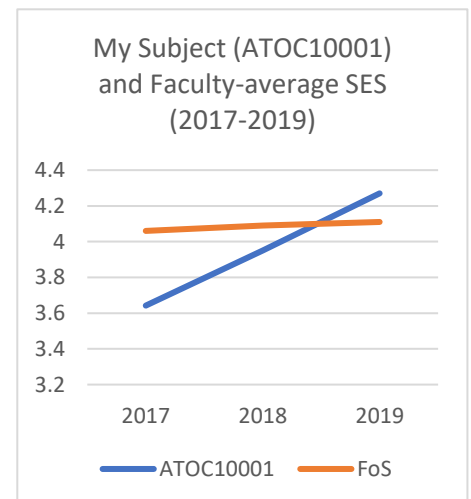
I have supervised several non-RHD students as well:

- Josh Sibbing (2021): Masters of Environment student investigating bushfire weather and its seasonal predictability.
- Samara Smith (2016-17): Summer student analysing different methods for estimating the timing of anthropogenic emergence on climate variables in Australia.
- Zoe Gillett (2015-16): Summer student investigating the relative anthropogenic roles of increased greenhouse gas concentrations and warmer sea surface conditions in the 2012/13 record hot Australian summer.

TEACHING:

While I have primarily been in research-only positions since my PhD I have taken on opportunities to teach where possible.

- From 2022 I am coordinating a new subject *Today's Science, Tomorrow's World* which will be taken by all first-year science students at the University of Melbourne (approximately 3500 students per year). For this online subject, I am developing and producing online content for the first half of the subject which covers the basics of science, climate change and sustainability, as well as one of the 18 modules students choose to take for the second half of the subject, covering climate change and extremes.
- Since 2018 I have coordinated the first-year *Wonders of the Weather* subject which is an entry point into the Climate and Weather major. This subject covers basic meteorology and climate science and has grown from around 60 to 160 students per year since 2018. I have substantially restructured the subject, written four new practicals, and written 12 hours of lectures on areas including atmospheric structure and composition, atmospheric optical phenomena, and numerical weather prediction. In the time I have coordinated *Wonders of the Weather*, student evaluation scores (SES) for the subject have increased and now exceed the Faculty and University averages (see graph to the right; note the SES was not run in 2020 or 2021). Since 2020, this subject has been online only, and I reshaped the subject, replacing 1-hour lectures with shorter pre-recorded videos accompanied by live question and answer sessions. This has been received positively in student feedback.
- I give more than ten hours of guest lectures a year for subjects in areas such as environmental science and agriculture. In these lectures I cover the basics of climate change science relevant to the areas of interest to the students.



MEDIA AND OUTREACH:

I have developed a prominent media profile through frequent writing of opinion pieces and appearances on TV and radio. I believe it is imperative that climate scientists take an active role in public discourse.

- I have written 55 articles for *The Conversation* website, and I was the most-read author from the University of Melbourne in 2016 and have remained among the most-read

authors since then. These articles cover diverse topics including explainers on areas of public interest and timely articles on extreme events. Overall, my articles have been read more than 1.6 million times and they have been republished by *ABC News (Australia)*, *Time*, and *IFL Science*.

- I have participated in many interviews on TV and national and local radio for the *ABC (Australia)* and other organisations.
- I have been interviewed dozens of times. These interviews have been on my work and on extreme weather events and climate records by journalists from news organisations including *The Times (UK)*, *BBC News*, *The Guardian*, and *The Washington Post*.
- I also believe climate scientists have a responsibility to help improve the accuracy of public discourse on climate change and have contributed to critiquing ten media articles for *Climate Feedback*.
- I have briefed public servants in Australian federal government departments on climate change, extreme weather and drought and I have given public lectures on climate change and fire weather.

SERVICE TO THE COMMUNITY:

- I co-convened the Australian Meteorological and Oceanographic Society (AMOS) national conference in Fremantle, 2020.
- I was the Diversity and Inclusion officer for the School of Earth Sciences, University of Melbourne from 2018-2021 and have been the vice chair of the Diversity and Inclusion committee in the new School of Geography, Earth and Atmospheric Sciences at the University since 2021.
- I have been a guest editor for the Bulletin of the American Meteorological Society since 2019.
- I was a member of the seminar organising committee in the School of Earth Sciences for 2015-2019.
- I was chair of the ARC Centre of Excellence for Climate System Science (ARCCSS) early-career researcher committee in 2017.
- I was chair of the AMOS Melbourne Centre Committee for 2015 and 2016.
- I was a member of the AMOS 2016 Conference Local Organising Committee.
- I was interim leader of the ARCCSS Extremes research program from December 2016-June 2017.
- I have reviewed ARC projects (two DECRA's, one Future Fellowship, one Discovery project) and a National Environmental Research Council fellowship (UK).
- I have reviewed for: *Science*, *Nature*, *Nature Climate Change*, *Nature Geoscience*, *Journal of Climate*, *Bulletin of the American Meteorological Society*, *Environmental Research Letters*, *Geophysical Research Letters*, *Journal of Geophysical Research: Atmospheres*, *Earth's Future*, *Climate Dynamics*, *Weather and Climate Extremes*, *Climatic Change*, *International Journal of Climatology*, *Journal of Southern Hemisphere Earth System Science*.

ACHIEVEMENTS:

- Guest editor for the Bulletin of the American Meteorological Society since 2019.
- Winner of the inaugural AMOS Science Outreach Award in 2018.
- Single-author paper in *Earth's Future* in 2017 selected as a Journal Highlight.

- Two first-author papers selected as “Highlights of 2015” in *Environmental Research Letters*. This only consisted of 25 papers from ~1000 published in the journal that year.
- Invited oral presentations at American Geophysical Union (AGU) fall meetings in 2015 and 2017.
- Winner of the Climate Change Research Centre (CCRC) prize for best student paper of 2012.
- Winner of the UK Met Office Undergraduate prize for best dissertation of 2011 in the Department of Meteorology at the University of Reading. My dissertation was titled “The effect of the El Niño-Southern Oscillation on high impact weather in Queensland” and was used as a technical summary by the Queensland Government.
- Recipient of £2000 in scholarships for gaining high marks in undergraduate examinations.

PUBLICATIONS:

- I have published 26 first-author, peer-reviewed publications and 72 peer-reviewed publications overall. My first-author publications are all in leading journals in the field of climate science including *Nature Climate Change* (five papers), *Journal of Climate* (two) and *Geophysical Research Letters* (four). I have three single-author papers, all in leading journals in climate science (*Bulletin of the American Meteorological Society*, *Earth’s Future* and *Environmental Research Letters*).
- I have published studies on diverse topics including climate extremes, climate projections, impacts of climate change, and seasonal climate prediction.
- I have published four comment-style articles as lead author (three in *Nature Climate Change*, one in *Geophysical Research Letters*) which are intended to be agenda setting, while also publishing many research articles in letter and longer paper formats.
- I am an author on four publications led by students for whom I am primary supervisor.

Asterisks indicate the publication was peer-reviewed. Citation counts are shown as of January 8, 2022 using Google Scholar as “(C=_)”. Only accepted, in press or fully published papers are listed here.

Journal articles:

2022/in press:

72. *Perkins-Kirkpatrick, S. E., D. A. Stone, D. M. Mitchell, S. Rosier, **A. D. King**, Y. T. E. Lo, J. Pastor-Paz, D. Frame, and M. Wehner: On the attribution of the impacts of extreme weather events to anthropogenic climate change. *Environ. Res. Lett.*, in press. (C=0)

2021:

71. ***King, A. D.**, J. M. K. Sniderman, A. J. Dittus, J. R. Brown, and E. Hawkins, 2021: A new framework for studying climate stabilisation at Paris Agreement warming levels. *Nature Climate Change*, **11**, 1010-1013, <https://doi.org/10.1038/s41558-021-01225-0>. (C=0)

70. *Reid, K. J., T. A. O'Brien, **A. D. King**, and T. P. Lane, 2021: Extreme water vapor transport during the March 2021 Sydney floods in the context of climate projections. *Geophys. Res. Lett.*, **48**, e2021GL095335, doi: 10.1029/ e2021GL095335. (C=0)

69. ***King, A. D.**, A. R. Borowiak, J. R. Brown, D. J. Frame, L. J. Harrington, S.-K. Min, A. Pendergrass, M. Rugenstein, J. M. K. Sniderman, and D. A. Stone, 2021: Transient and quasi-equilibrium climate states at 1.5°C and 2°C global warming. *Earth's Future*, **9**, e2021EF002274, doi: 10.1029/e2021EF002274. (C=0)

68. *Lim, E.-P., D. Hudson, M. C. Wheeler, A. Marshall, **A. King**, H. Zhu, H. H. Hendon, C. de Burgh-Day, B. Trewin, M. Griffiths, A. Ramchurn, and G. Young, 2021: Why Australia was not wet during Spring 2020 despite La Nina., *Sci. Reps.*, **11**, 18423. (C=0)

67. *Lott, F. C., A. Ciavarella, J. J. Kennedy, **A. D. King**, P. A. Stott, S. F. B. Tett, and D. Wang: How to charge individuals for making extreme weather events more likely. *Environ. Res. Lett.*, **16**, 104040. (C=0)

66. *van Oldenborgh, G. J., F. Otto, R. Vautard, K. van der Wiel, S. Kew, S. Philip, **A. King**, F. Lott, J. Arrighi, R. Singh, and M. van Aalst: Pathways and pitfalls in extreme event attribution. *Climatic Change*, **166**, 1-27. (C=20)

65. *Reid, K. J. S. Rosier, L. J. Harrington, **A. D. King**, and T. P. Lane, 2021: Extreme rainfall in New Zealand and its association with atmospheric rivers. *Environ. Res. Lett.*, **16**, 044012, 11pp. (C=4)

64. *Lim, E.-P., H. H. Hendon, L. Shi, C. de Burgh-Day, D. Hudson, **A. D. King**, B. Trewin, M. Griffiths, and A. Marshall, 2021: Tropical forcing of Australian extreme low minimum temperatures in September 2019. *Clim. Dynam.*, doi: 10.1007/s00382-021-05661-8, 17pp, in press. (C=3)

63. *Uhe, P. F., D. M. Mitchell, M. R. Allen, P. D. Bates, R. A. Betts, C. Huntingford, **A. D. King**, B. M. Sanderson, and H. Shiogama, 2021: Method-uncertainty is essential for reliable confidence statements of precipitation change. *J. Climate*, **34**, 1227-1240. (C=3)

King, A. D., S. E. Perkins-Kirkpatrick, M. F. Wehner, and S. C. Lewis, 2021: Reply to "Numerically Bounded Linguistic Probability Schemes Are Unlikely to Communicate Uncertainty Effectively"., *Earth's Future*, doi: 10.1002/2015EF000329, 2pp. (C=0)

2020:

62. *Philip, S., S. Kew, G. J. van Oldenborgh, F. Otto, R. Vautard, K. van der Wiel, **A. King**, F. Lott, J. Arrighi, R. Singh, and M. van Aalst, 2020: A protocol for probabilistic extreme event attribution analyses. *Adv. Stat. Clim. Meteorol. Oceanogr.*, **6**, 177-203. (C=23)

61. *Reid, K. J., **A. D. King**, T. P. Lane, and E. Short, 2020: The sensitivity of atmospheric river identification to integrated water vapor transport threshold, resolution and regridding method., *J. Geophys. Res.- Atmos.* **125**, e2020JD032897, 15pp. (C=6)

60. *Vargo, L. J., B. M. Anderson, R. Dadic, H. J. Horgan, A. N. Mackintosh, **A. D. King**, and A. M. Lorrey, 2020: Anthropogenic warming forces extreme annual glacier mass loss. *Nature Climate Change*, **10**, 856-861, doi: 10.1038/s41558-020-0849-2. (C=19)

59. *Quigley, M., J. Attanayake, **A. King**, and F. Prideaux, 2020: A multi-hazards earth science perspective on the COVID-19 pandemic: The potential for concurrent and cascading crises. *Environ. Sys. and Decisions.*, **40**, 199-215. (C=47)

58. *Paik, S., S.-K. Min, X. Zhang, M. G. Donat, **A. D. King**, and Q. Sun, 2020: Determining the greenhouse gas contribution to the observed intensification of extreme precipitation., *Geophys. Res. Lett.*, doi: 10.1029/2019GL086875, 12pp. (C=20)

57. ***King, A. D.**, D. Hudson, E.-P. Lim, A. G. Marshall, H. H. Hendon, T. P. Lane, and O. Alves, 2020: Sub-seasonal to seasonal prediction of rainfall extremes in Australia. *Q. J. R. Meteorol. Soc.*, **146**, 2228–2249, doi: 10.1002/qj.3789. (C=12)

56. *Zhang, M., H. Yu, **A. D. King**, Y. Wei, J. Huang, and Y. Ren, 2020: Greater probability of extreme precipitation under 1.5°C and 2°C warming limits over East-Central Asia. *Climatic Change*, **162**, 603–619. (C=5)

55. ***King, A.D.**, A. J. Pitman, B. J. Henley, A. M. Ukkola, and J. R. Brown: The role of climate variability in Australian drought. *Nature Climate Change*, **10**, 177-179. (C=53)

54. *Hawkins, E. D. J. Frame, L. J. Harrington, M. Joshi, **A. D. King**, M. Rojas, and R. T. Sutton: Observed emergence of the climate change signal: From the familiar to the unknown. *Geophys. Res. Lett.*, **47**, e2019GL086259, 10pp. (C=28)

53. ***King, A. D.**, T. P. Lane, B. J. Henley, and J. R. Brown, 2020: Global and regional impacts differ between transient and equilibrium warmer worlds. *Nature Climate Change*, **10**, 42-47, doi: 10.1038/s41558-019-0658-7. (C=27)

2019:

52. ***King, A. D.**, A. H. Butler, M. Jucker, N. O. Earl, and I. Rudeva, 2019: Observed relationships between Sudden Stratospheric Warmings and European climate extremes. *J. Geophys. Res.- Atmos.*, **124**, 13943-13961, doi: 10.1029/2019JD030480. (C=42)

51. *Lewis, S. C., S. A. P. Blake, B. Trewin, M. T. Black, A. J. Dowdy, S. E. Perkins-Kirkpatrick, **A. D. King**, and J. J. Sharples, 2019: Deconstructing factors contributing to the 2018 fire weather in Queensland, Australia. *Bull. Amer. Meteorol. Soc.*, **101**, S115-S122. (C=19)

50. *Lewis, S. C., **A. D. King**, D. M. Mitchell, and S. E. Perkins-Kirkpatrick, 2019: Regional hotspots of temperature extremes under 1.5°C and 2°C of global mean warming. *Weather and Clim. Exts.*, doi: 10.1016/j.wace.2019.100233, 11pp. (C=12)

49. *Lewis, S. C., **A. D. King**, S. E. Perkins-Kirkpatrick, and M. Wehner, 2019: Towards calibrated language for effectively communicating the results of extreme event attribution studies. *Earth's Future*, **7**, 1020-1026, doi: 10.1029/2019EF001273. (C=11)

48. ***King, A. D.**, 2019: The drivers of nonlinear local temperature change under global warming. *Environ. Res. Lett.*, **14**, 064005, doi: 10.1088/1748-9326/ab1976, 10pp. (C=17)

47. *Lewis, S. C., S. E. Perkins-Kirkpatrick, and **A. D. King**, 2019: Approaches to attribution of extreme temperature and precipitation events using multi-model and single-member ensembles of general circulation models. *Adv. Stat. Clim. Meteorol. Oceanogr.*, **5**, 133-146, doi: 10.5194/asmo-5-133-2019. (C=2)

46. *Reid, K. J., I. Simmonds, C. L. Vincent, and **A. D. King**, 2019: The Australian Northwest Cloudband: Climatology, Mechanisms and Association with Precipitation. *J. Climate*, **32**, 6665-6684, doi: 10.1175/JCLI-D-19-0031.1. (C=18)

45. *Henley, B. J., M. C. Peel, R. Nathan, **A. D. King**, A. M. Ukkola, D. J. Karoly, and K. S. Tan, 2019: Amplification of risks to water supply at 1.5°C and 2°C in drying climates: A case study for Melbourne, Australia. *Environ. Res. Lett.*, **14**, 084028, doi: 10.1088/1748-9326/ab26ef, 9pp. (C=7)

44. *Lewis, S. C., S. E. Perkins-Kirkpatrick, G. Althor, **A. D. King**, and L. Kemp, 2019: Assessing contributions of major emitters' Paris-era decisions to future temperature extremes. *Geophys. Res. Lett.*, **46**, 1-8, doi: 10.1029/2018GL081608. (C=10)

43. *Lestari, S., **A. D. King**, C. L. Vincent, D. J. Karoly, and A. Protat, 2019: Seasonal Dependence of Rainfall Extremes in and around Jakarta, Indonesia. *Weather and Climate Exts.*, doi: 10.1016/j.wace.2019.100202, 13pp. (C=30)

42. *Sniderman, J. M. K., J. R. Brown, J. D. Woodhead, **A. D. King**, N. P. Gillett, K. B. Tokarska, K. Lorbacher, J. Hellstrom, R. N. Drysdale, and M. Meinshausen, 2019: Southern Hemisphere subtropical drying as a transient response to warming. *Nature Climate Change*, **9**, 232–236, doi: 10.1038/s41558-019-0397-9. (C=17)

2018:

41. *Harrington, L. J., S. Lewis, S. E. Perkins-Kirkpatrick, F. E. L. Otto, and **A. D. King**, 2018: Embracing the complexity of extreme weather events when quantifying the likelihood of recurrence in a warming world. *Environ. Res. Lett.*, doi: 10.1088/1748-9326/aaf2dc 11pp. (C=5)

40. ***King, A. D.** and C. L. Vincent, 2018: Using global and regional model simulations to understand Maritime Continent wet-season rainfall variability. *Geophys. Res. Lett.*, **45**, 12534-12543, doi: 10.1029/2018GL080201. (C=3)

39. *Perkins-Kirkpatrick, S. E., **A. D. King**, E. A. Coughnon, M. R. Grose, E. C. J. Oliver, N. J. Holbrook, S. C. Lewis, and F. Poursghar, 2018: The 2017/18 Tasman Sea marine heatwave could not have occurred without human influence. *Bull. Amer. Meteorol. Soc.*, **100**, 105-110, doi: 10.1175/BAMS-D-18-0116.1. (C=40)

38. *Fischer, E. M., U. Beyerle, C.-F. Schleussner, **A. D. King**, and R. Knutti, 2018: Biased Estimates of Changes in Climate Extremes from Prescribed SST Simulations. *Geophys. Res. Lett.*, doi: 10.1029/2018GL079176, 10pp. (C=35)

37. *Otto, F. E. L., S. Philip, S. Kew, S. Li, **A. King**, H. Cullen, 2018: Attributing high-impact extreme events across timescales- a case study of six different types of events. *Climatic Change*, **149**, 399–412, doi: 10.1007/s10584-018-2258-3. (C=44)

36. ***King, A. D.**, R. Knutti, P. Uhe, D. M. Mitchell, S. C. Lewis, J. M. Arblaster, and N. Freychet: On the linearity of local and regional temperature changes from 1.5°C to 2°C of global warming. *J. Climate*, **31**, 7495-7514, doi: 10.1175/JCLI-D-17-0649.1. (C=26)
35. *Harrington, L. J., D. Frame, **A. D. King**, and F. E. L. Otto: How uneven are the impacts of a 1.5°C world and beyond? *Geophys. Res. Lett.*, **45**, 6672-6680, doi: 10.1029/2018GL078888. (C=19)
34. ***King, A. D.** and L. J. Harrington: The Inequality of Climate Change from 1.5°C to 2°C of Global Warming. *Geophys. Res. Lett.*, **45**, 5030-5033, doi: 10.1029/2018GL078430. (C=111)
33. ***King, A. D.**, M. G. Donat, S. C. Lewis, B. J. Henley, D. M. Mitchell, P. Stott, E. M. Fischer, and D. J. Karoly: Reduced Heat Exposure by Limiting Global Warming to 1.5°C. *Nature Climate Change*, **8**, 549-551, doi: 10.1038/s41558-018-0191-0. (C=23)
32. *Philip, S., S. F. Kew, G. J. van Oldenborgh, F. Otto, S. O’Keefe, K. Haustein, **A. King**, A. Zegeye, Z. Eshetu, K. Hailemariam, R. Singh, E. Jjemba, C. Funk, and H. Cullen, 2018: Attribution analysis of the Ethiopian drought of 2015. *J. Climate*, **31**, 2465-2486, doi: 10.1175/JCLI-D-17-0274.1. (C=65)

2017:

31. *Martins, E. S. P. R., C. A. S. Coelho, R. Haarsma, F. E. L. Otto, **A. D. King**, G. J. van Oldenborgh, S. Kew, S. Philip, F. C. Vasconcelos Júnior, and H. Cullen, 2017: The prolonged Northeast Brazil drought with major impacts in water supply in 2016. *Bull. Amer. Meteor. Soc.*, **99**(1), S65-S69, doi: 10.1175/BAMS-D-17-0102.1. (C=35)
30. ***King, A. D.**, 2017: Natural variability not climate change drove the record wet winter in Southeast Australia. *Bull. Amer. Meteor. Soc.*, **99**(1), S139-S143, doi: 10.1175/BAMS-D-17-0087.1. (C=6)
29. ***King, A. D.**, 2017: Attributing changing rates of temperature record-breaking to anthropogenic influences. *Earth’s Future*, **5**, 1156-1168, doi: 10.1002/2017EF000611. (C=24)
28. *Lewis, S. C., **A. D. King**, and D. M. Mitchell, 2017: Australia's unprecedented future temperature extremes under Paris limits to warming. *Geophys. Res. Lett.*, **44**, 9947-9956, doi: 10.1002/2017GL074612. (C=43)
27. ***King, A. D.** and D. J. Karoly, 2017: Climate extremes in Europe at 1.5 and 2 degrees of global warming. *Environ. Res. Lett.*, **12**, 114031, doi: 10.1088/1748-9326/aa8e2c, 9pp. (C=104)
26. *Fita, L., J. P. Evans, D. Argüeso, **A. King**, and Y. Liu, 2017: Evaluation of the regional climate response in Australia to large-scale climate modes in the historical NARClIM simulations. *Clim. Dynam.*, **49**, 2815-2829, doi: 10.1007/s00382-016-3484-x. (C=23)

25. ***King, A. D.**, D. J. Karoly, and B. J. Henley, 2017: Australian climate extremes at 1.5°C and 2°C of global warming. *Nature Climate Change*, **7**, 412-416, doi: 10.1038/nclimate3296. (C=234)

24. *Lewis, S. C., **A. D. King**, and S. E. Perkins-Kirkpatrick, 2017: Defining a new normal for temperature extremes in a warming world. *Bull. Amer. Meteor. Soc.*, **98**, 1139-1151, doi: 10.1175/BAMS-D-16-0183.1. (C=35)

23. *Henley, B. J. and **A. D. King**, 2017: Trajectories towards the 1.5°C Paris target: modulation by the Interdecadal Pacific Oscillation. *Geophys. Res. Lett.*, **44**, 4256–4262, doi: 10.1002/2017GL073480. (C=74)

22. *Henley, B. J., S. B. Power, **A. D. King**, C. K. Folland, J. N. Brown, G. Meehl, A. Gallant, F. Delage, D. J. Karoly, M. Freund, and R. Neukom, 2017: Spatial and temporal agreement in climate model simulations of the Interdecadal Pacific Oscillation. *Environ. Res. Lett.*, **12**, 044011, doi: 10.1088/1748-9326/aa5cc8, 11pp. (C=53)

21. *Lewis, S. C. and **A. D. King**, 2017: Evolution of mean, variance, and extremes in 21st century temperatures. *Weather and Clim. Exts.*, **15**, 1-10, doi: 10.1016/j.wace.2016.11.002. (C=60)

2016:

20. ***King, A. D.**, G. J. van Oldenborgh, and D. J. Karoly, 2016: Climate change and El Niño increase likelihood of Indonesian heat and drought. *Bull. Amer. Meteor. Soc.*, **97**(12), S113-S117, doi: 10.1175/BAMS-D-16-0164.1. (C=32)

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