

Yaowen Zheng

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<https://www.wgtn.ac.nz/antarctic/about/grad-students/yaowen-zheng>

EDUCATION

Victoria University of Wellington

Doctor of Philosophy, Geophysics

Wellington, New Zealand

2020 - present

University of Tasmania

Bachelor of Marine and Antarctic Science with Honours, Mathematics/ Physical Oceanography

GPA: 6.06/7.00 **First Class Honours**

Hobart, Australia

2018 - 2020

Ocean University of China

Bachelor of Science, Marine Science/ Physical Oceanography

GPA: 3.23/4.00

Qingdao, China

2016 - 2020

PUBLICATION

Zheng, Y., Golledge, N. R., Gossart, A., Picard, G., and Leduc-Leballeur, M.: Estimating surface melt in Antarctica from 1979 to 2022, using a statistically parameterized positive degree-day model, *The Cryosphere Discuss.* [preprint], <https://doi.org/10.5194/tc-2022-192>, in review, 2022.

Zheng, Y., Jong, L. M., Phipps, S. J., Roberts, J. L., Moy, A. D., Curran, M. A. J., and van Ommen, T. D.: Extending and understanding the South West Western Australian rainfall record using a snowfall reconstruction from Law Dome, East Antarctica, *Clim. Past*, 17, 1973–1987, <https://doi.org/10.5194/cp-17-1973-2021>, 2021.

THESIS

Zheng, Y., Phipps, S., Roberts, J. and Jong, L.M. (2020). Extending and understanding the South West Western Australian rainfall record using the Dome Summit South ice core, East Antarctica. Institute for Marine and Antarctic Studies (IMAS), University of Tasmania (UTAS). doi:10.25959/5f4c50b7b661f

AWARD & GRANT & SCHOLARSHIP

| | | | |
|---|---------------------------|----------------|---------------|
| S.T. Lee Young Scientist Exchange Award | Antarctic Research Centre | 2023 | 12,000 NZD |
| Eggers Scholarship | Antarctic Research Centre | 2022 | 7,500 NZD |
| Rutherford Discovery Fellowship Scholarship | Royal Society Te Apārangi | 2020 - present | 27,500 NZD/yr |
| Tasmanian International Scholarship | University of Tasmania | 2020 | 4,193 AUD |
| Tasmanian International Scholarship | University of Tasmania | 2019 | 3,993 AUD |
| Tasmanian International Scholarship | University of Tasmania | 2019 | 3,781 AUD |
| Second Class scholarship | Ocean University of China | 2017 | 1,000 CNY |
| Excellence in Artistic and Athletic Performance | Ocean University of China | 2017 | 600 CNY |
| Participation in Social Activities | Ocean University of China | 2017 | 600 CNY |
| The 3rd Prize of Championship in Experimental Science | Beijing Normal University | 2017 | - |
| The 3rd Prize of Championship in Experimental Science | Beijing Normal University | 2016 | - |

MEDIA

ABC News: Antarctic ice-core research holds lessons about drought patterns in WA's South-West
<https://www.abc.net.au/news/2022-07-02/antarctic-ice-research-and-weather-in-a-south-west/101194506>

Australian Antarctic Division: 2000 year ice core record explores link between Australian drought and greenhouse gases.
<https://www.antarctica.gov.au/news/2021/2000-year-ice-core-record/>

SKILL

CDO, Matlab, Ncview, LaTeX, BibTeX, Overleaf, Julia, NCO, R, R Markdown, Zotero, Microsoft Office