



2023 Conference theme: The changing climate of science education

The theme alludes to the rapidly changing environment in which educators from all STEM disciplines operate, with disruption caused by the pandemic exacerbated by rapid technological change. While this has provided many benefits, there are also new challenges including academic integrity, equity and the rise of generative artificial intelligence and its impact on our students and teaching practices. The theme also alludes to the role of STEM educators in building knowledge and capacity about climate change and sustainability more broadly.

ORGANISING COMMITTEE

Chair – Professor Tina Acuña (The University of Tasmania) tina.acuna@utas.edu.au Professor Emerita Susan Jones (The University of Tasmania) s.m.jones@utas.edu.au Associate Professor Jiangang (Johnny) Fei (The University of Tasmania) jiangang.fei@utas.edu.au Dr Jo-Anne Kelder (The University of Tasmania) jo.kelder@utas.edu.au Dr Stuart Corney (The University of Tasmania) stuart.corney@utas.edu.au Dr Susan Turland (The University of Tasmania) susan.turland@utas.edu.au Dr Fiona Taylor (The University of Tasmania) Fiona.taylor@utas.edu.au Ryan Brunton (The University of Tasmania) ryan.brunton@utas.edu.au Professor Susan Howitt (Australian National University, ACDS) susan.howitt@anu.edu.au Glenda Key (ACDS Liaison) glenda.key@monash.edu Ana Lopes (Conference Proceedings, The University of Sydney) at.lopes@sydney.edu.au

REVIEWERS

Professor Susan Howitt (Australian National University, ACDS) susan.howitt@anu.edu.au Dr Melissa Saligari (The University of Melbourne) mel.saligari@unimelb.edu.au Jennifer Palisse (The University of Melbourne) jmpalisse@student.unimelb.edu.au

The Proceedings of the Australian Conference on Science and Mathematics Education contains two types of papers: • Full Refereed Papers which have been peer reviewed by two independent experts and satisfy the Australian DEST E1 category • Abstracts (extract of paper) which have been subject to editorial assessment and satisfy the Australian DEST E3 category

Proceedings of the Australian Conference on Science and Mathematics Education, The University of Tasmania, 30 August – 1 September 2023, page 3, ISSN 2653-0481.