

Steven Siems

Professor,
School of Earth Atmosphere and Environment,
Monash University



Education

Ph. D in Applied Mathematics
from the University of Washington

Research area and interests

1. Cloud Microphysics
2. Southern Ocean Meteorology
3. Weather Modification

Recent Professional Career

- Professor, School of Earth Atmosphere and Environment, Monash University (1998-present)
- Chief Investigator, Australian Research Council Securing Antarctica's Environmental Future (SAEF) (2024-Present)
- Chief Editor, Journal of Southern Hemisphere Earths System Science (2023-present)
- Chief Investigator, ARC Centre of Excellence for Climate Extremes (2022-2024)
- Co-chair of the Expert Team for Weather Modification for the World Weather Research Program (WWRP), WMO (2019-present)

Awards, Scholarship and Fellowship

- ARC Discovery Grant (2019–2021): Precipitation in shallow convection over the Southern Ocean.
- ARC Linkage Grant (2017–2020): Orographic enhancement of precipitation in Australian winter storms.
- ARC Discovery Grant (2015–2017): Southern Ocean boundary layer dynamics: winds, turbulence, sea spray and clouds.
- Australian Antarctic Division (2015–2017): Boundary Layer Processes over the Southern Ocean. Hydro Tasmania and Snowy Hydro Ltd. contracts: Assessing precipitation processes and weather modification impacts.