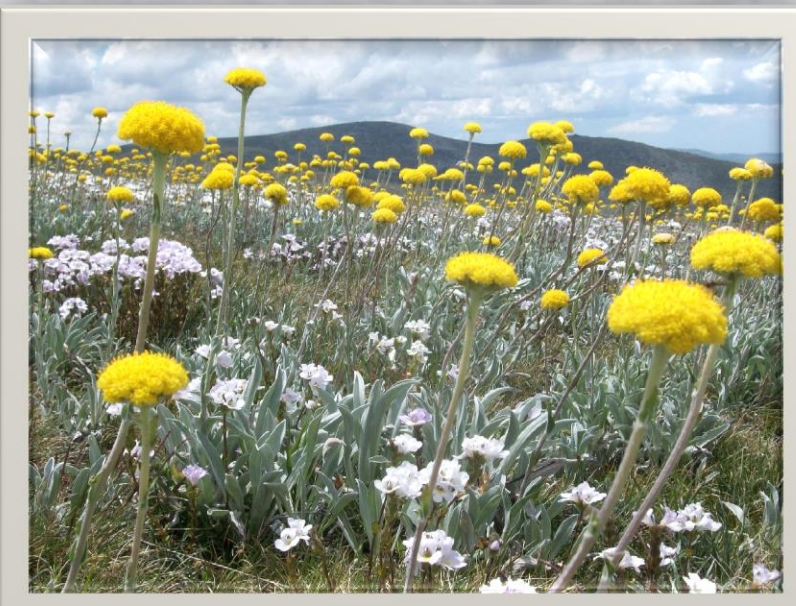


Australia's mountains: Critical water supply, clean energy, unique biodiversity.

Our mountains face a looming ecological crisis from climate and land use change and pose a huge management challenge.



Predictive capacity around biophysical and biological feedbacks is limited by a lack of observational and experimental infrastructure.

Australian Mountain Research

Facility will bring together leading institutions and researchers across four jurisdictions, and the Alpine National Park and Kosciuszko National Park, to produce world-leading ecosystem, evolutionary and biophysical science to guide adaptive management of high mountains across Australia.

It will support research to assess the extent and effects of changing climate, water & fire regimes on ecosystem processes and their feedbacks and provide a structure for integrated research, management and governance of Australia's mountains.



We invite researchers to discuss using this facility:
AMRF.org.au amrf@anu.edu.au



AMRF

AUSTRALIAN MOUNTAIN
RESEARCH FACILITY

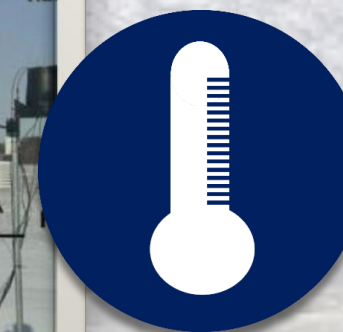
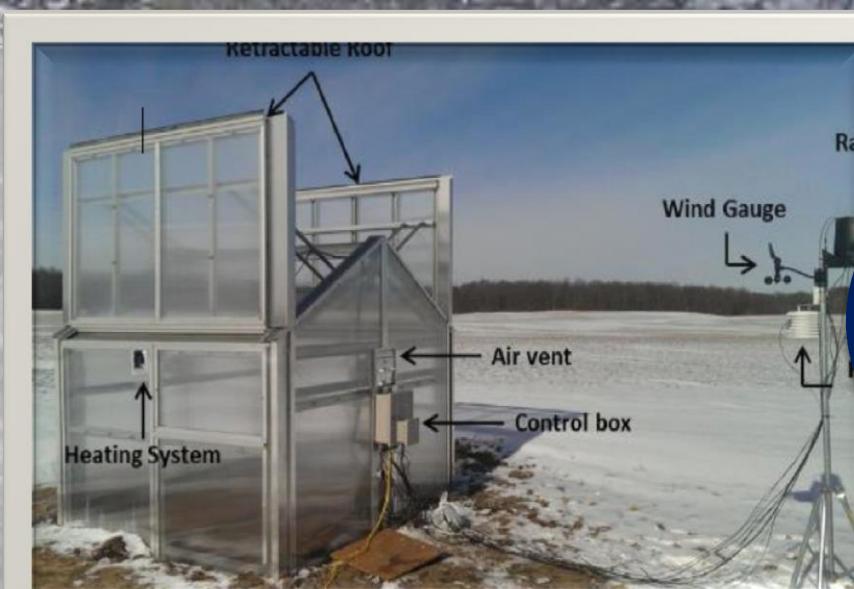
AMON

Australian Mountain Observation Network: sensor arrays to assess microclimatic conditions & detect species on the move.



FutureClim

Climate control chambers for realistic, replicated, factorial field simulation of future warming & precipitation regimes.



Mountain Flows

Fresh water warming and flow regime experiment to monitor abiotic and biotic components of stream health.



Mountain Flux

Measures flux of CO₂ & H₂O enable us to understand the overall impacts on ecosystem-level processes.



DroughtNet

Link to international network to deliver data on impact of altered precipitation on vegetation growth community composition.



Adrienne Nicotra, Susanna Venn,
Mark Hovenden, Ben Kefford,
Angela Moles, Geoff Cary, Marta Yebra,
Justin Borevitz, Elcho Rohling,
Don Driscoll, Will Cornwell, David Keith,
Greg Summerell, Mick Pettit
Tim Brown, Abby Widdup, Zach Brown

