

AuScope

AuScope aims to build world class infrastructure to assist Australian researchers in monitoring and understanding the structure and evolution of the Australian Continent with greater accuracy and the ability to access data in a seamless, cost effective manner. The program creates a unique integrated approach to earth science and geospatial research through investments in technology, data and knowledge infrastructure; and by bringing together government, academia and industry in collaborative partnerships.

The major data acquisition infrastructure includes six components that interrelate with the aim of creating the AuScope Earth Model:

- AuScope Grid
- Geospatial Framework and Earth Dynamics
- National Virtual Core Library (NVCL)
- Earth Imaging and Structure
- Simulation Analysis and Modelling (SAM)
- Earth Composition and Evolution

Key facts

- State: VIC, ACT, WA, NSW, SA, QLD, TAS
- Lead institute: AuScope Limited
- Project status: In progress
- Australian Government contribution:
 - \$43.3 million from the National Collaborative Research Infrastructure Strategy program
 - \$4.3 million from the Collaborative Research Infrastructure Scheme
 - \$8.977 million under the National Collaborative Research Infrastructure Strategy 2013 program

Project deliverables

The objective of the project is to establish the AuScope Infrastructure System – a seamless, broadly accessible, fully integrated blend of technology, data and knowledge infrastructure that will enhance the practice and outcomes for researchers, industry and the wider community in the earth science and geospatial sciences.

Access

AuScope infrastructure is housed in government and academic facilities around Australia. Information on how to access AuScope infrastructure projects may be found on the [AuScope website](#).

Participating organisations

AuScope's partners include ten universities, CSIRO, Geoscience Australia and state and territory geological survey organisations:

- The Australian National University (ANU)
- Curtin University of Technology
- Macquarie University

- Monash University

More information

For more information see the [AuScope website](#).

- University of Adelaide
- University of Melbourne
- University of Queensland
- University of Sydney
- University of Tasmania
- University of Western Australia
- Commonwealth Scientific and Industrial Research Organisation (CSIRO)
- Geoscience Australia (GA)
- Victorian Government (Geoscience Victoria)
- Queensland Government (Geological Survey of Queensland; Queensland Department of Natural Resources and Water)
- West Australian Government (Geological Survey of Western Australia; Landgate WA)
- New South Wales Government (Geological Survey of New South Wales; New South Wales Department of Lands)
- Tasmanian Government (Mineral Resources Tasmania; Tasmanian Department of Primary Industries, Water & Environment)
- Northern Territory Government (Department of Planning, Infrastructure & Environment; Department of Primary Industries, Fisheries and Mines)
- South Australian Government (Primary Industries and Resources South Australia)