

Introduction to the Australian eResearch community



eResearch is defined as the IT infrastructure and services that support researchers.

eResearch South East Asia is a group that aims to grow the connection between South East Asian researchers and research support providers in Australia.



NCRIS provides funding for research support in Australia. In the 2020-21 financial year, \$251 million was to be spent supporting Australia's national research infrastructure through NCRIS. It is funded by the Australian Department of Education, Skills and Employment.



Australian Research Data Commons

The ARDC provides funding for research support initiatives and provides the Nectar, the Australian Research Cloud.

An example of this is the investment of \$21.7 million in 26 platforms projects over the last 2 years.

It is funded by NCRIS.



AeRO is the industry association focused on eResearch in Australasia. They play a critical coordination role for their members, who are actively transforming research via IT. They run the eResearch Australasia and C3DIS conferences.

They are funded through a membership model.



The Research Software Engineer (RSE) Association of Australia and New Zealand aims to build awareness of the diverse RSE roles, to connect volunteers in the RSE domain, and to help build practical solutions for the RSE community.



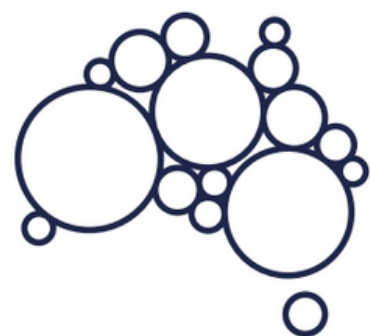
**AUSTRALIAN
ACCESS FEDERATION**

The AAF provides technology that enables access, authentication and identity verification in the Australian education and research community.



AARNet is Australia's national research and education network, or NREN. AARNet's advanced research network infrastructure interconnects Australian institutions and organisations with the global research and education network community.

It is a not-for-profit company owned by 38 Australian universities and CSIRO.



BIOPLATFORMS
AUSTRALIA

Bioplatforms Australia is committed to supporting the Australian life sciences community through a diverse access program, provision of targeted infrastructure requirements, and making integrated capability available to initiatives.

It is funded by NCRIS.



Australian
BioCommons

The Australian BioCommons is an ambitious new digital infrastructure capability that is enhancing Australian research in its ability to understand the molecular basis of life across environmental, agricultural and biomedical science.

It is funded by Bioplatforms Australia.

ImagingTools

ImagingTools / The Australian Characterisation Commons at Scale (ACCS) will develop a coherent and accessible informatics landscape that promotes collaboration, increases ROI, and delivers value to researchers. It has a workflow that focuses on Big Data such as CryoEM and Lattice Light Sheet instrument data.

It is funded by the ARDC.