

NCI eNews January 2019

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NCI
AUSTRALIA

JANUARY 2019



Unique, extinct fossils under the microscope

Researchers from CSIRO's Australian National Insect Collection and the University of Memphis have used NCI's visualisation technologies to help discover over 50 previously unknown, extinct weevil species from 100-million year old specimens preserved in Burmese amber. Read more [here](#).



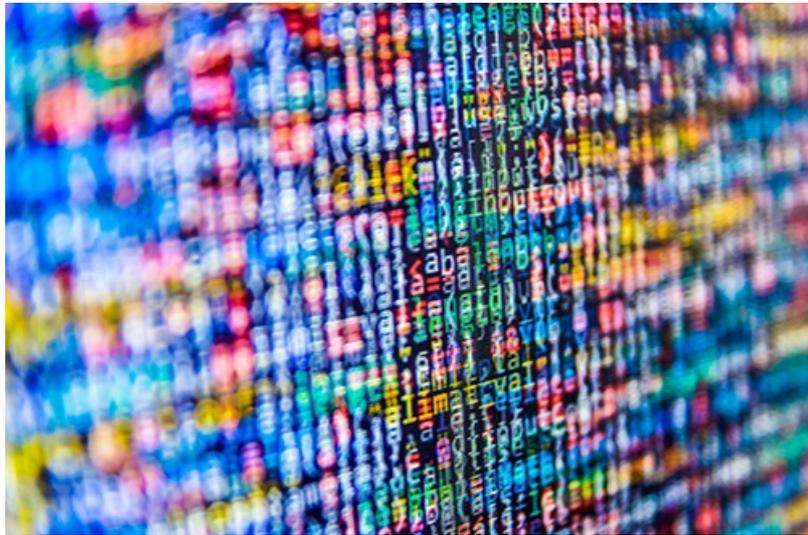
NCI hosts National Youth Science Forum

Sixty students from all over Australia visited NCI in January as part of the National Youth Science Forum. They learnt about the basics of supercomputing, got to see the inside of our data hall, and play around with our latest virtual reality visualisations.



Visit from Minister Mick Gentleman MLA

NCI welcomed ACT Minister for the Environment and Heritage Mick Gentleman MLA for a tour of the facility this month. The discussion covered the wide range of research outcomes and uses of NCI's services and technologies by the research community.



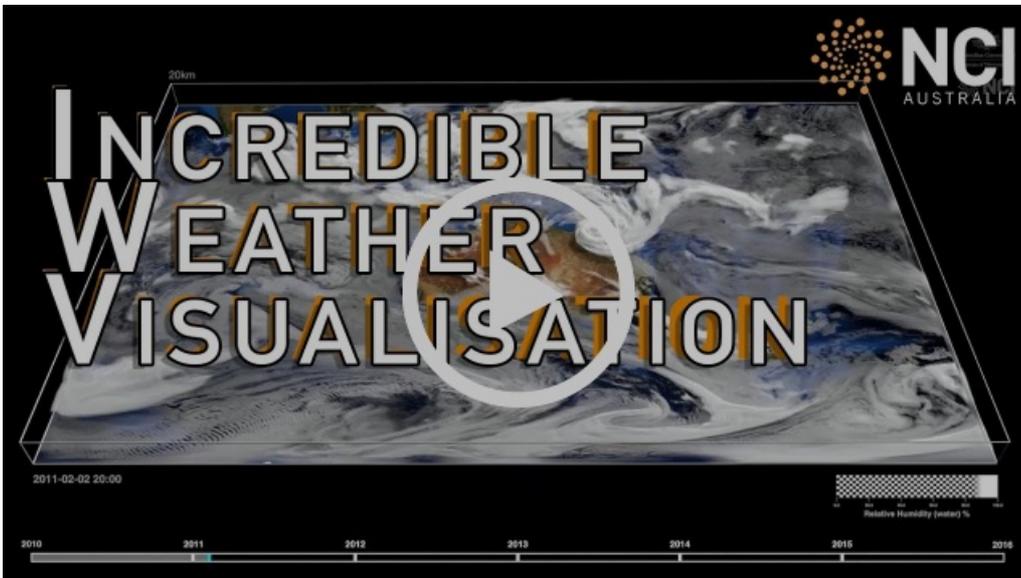
Changes to data collections access

This is a reminder that NCI is preparing to implement a change to the way that you gain filesystem access to some of our older and most popular data collections. This change is being implemented to meet certain reporting and data management obligations, and to simplify data collections communications in the future. Find out more [here](#).



NCI Website Development Input

NCI is currently working on updating our main website. We are looking for some user input from the community to make sure that the new site matches your needs. Please click [here](#) to participate in a short 10-minute exercise that will inform our upcoming website design.



A Groundbreaking Australian Weather Resource

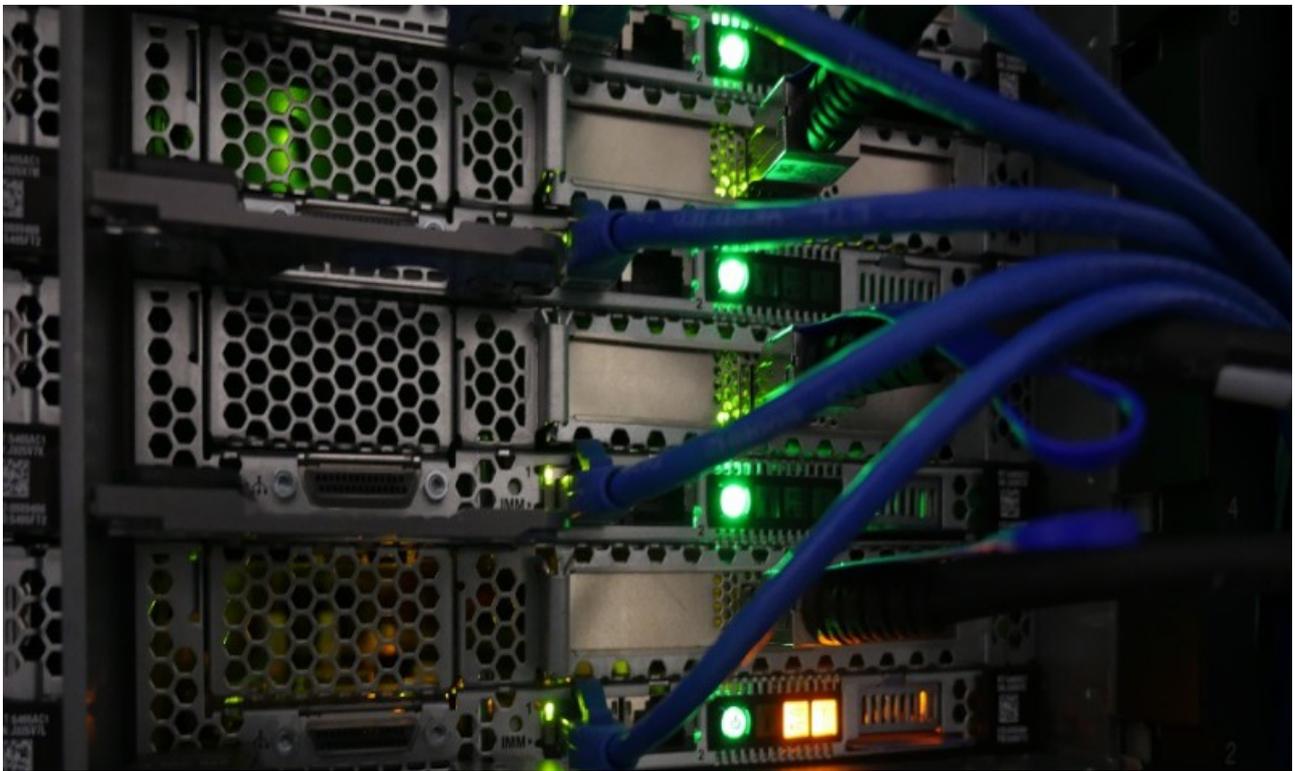
The Bureau of Meteorology high-resolution Atmospheric Regional Reanalysis for Australia will be a hugely valuable resource for the entire community. This mesmerising visualisation produced by the NCI VizLab showcases 6 years of weather data over Australia. Read more [here](#).

Access NCI's User Documentation portal

opus.nci.org.au

Contact the NCI User Support Team

help.nci.org.au



Every month, NCI's User Services Team updates Raijin's software. This month, 31 new applications were installed, including:

- gromacs/2018.4
- openmpi/2.1.6
- openquake/3.3.1

See the full list [here](#).



Every month, NCI's Data Collections Management Team publishes new data sets. This month, 12 new data sets were published, including:

- Water Observations from Space Statistics 25m 2.1.5 - [April to October](#), [November to March](#), [Annual](#) (Geoscience Australia)
- Conserving Land-Atmosphere [Synthesis Suite](#) (CLASS) v1.0 (ARCCSS and UNSW)
- CSEM 1.0.5 [model output](#) from 'perfect model' decadal prediction experiment v1.0 (ARCCSS and UNSW)

See the full list [here](#) under Latest News.



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