



# GISERA Communique

7 May 2019

## National Research Management Committee

CSIRO's GISERA National Research Management Committee (NRMCM) held its twelfth meeting on 7 May 2019 at CSIRO offices at Dutton Park, Brisbane and via teleconference.

The GISERA Director welcomed all participants including new members Tim Radburn (Pangaea Resources) and Marie Illman (Department of Industry, Innovation and Science). The GISERA Director noted that GISERA now operates in four regions of Australia, with 48 projects (33 completed).

### Updates for NT

Pangaea Resources has signed up as a member of the GISERA Alliance.

The Methane baseline assessment work in the Beetaloo region is complete and will shortly be released. GISERA recognised the assistance provided by Santos, Origin and Pangaea.

The Northern Territory Regional Research Advisory Committee approved two new research project proposals at its second meeting on 12 April 2019:

- Characterisation of the stygofauna and microbial assemblages of the Beetaloo sub-Basin, NT.
- Environmental monitoring and microbial degradation of onshore shale gas activity chemicals and fluids.

### Updates for NSW

- The project 'Improving groundwater models to better represent coal seam gas extraction impacts in the Namoi region' will deliver its final report in June 2019.
- The Impacts of CSG depressurization of the Great Artesian Basin flux project has been delayed due to sample processing with delivery expected in July 2019.

### Updates for QLD

- Delivery of the Potential health impacts from CSG report has been delayed due to challenges in bringing the technical advisory group together. The report is expected to enter CSIRO's publishing process in June 2019.
- The whole of life cycle GHG assessment of exploitation of Surat Basin gas reserve: global benefits and risks final report is complete and is going through CSIRO internal publishing and peer review process. A knowledge transfer session and communication materials will be initiated once peer review process is complete.
- The Air, water and soil impacts of hydraulic fracturing (phase 2) project will be delivered by July 2019.
- The Ambient air quality, Surat Basin project is expected to be completed following delivery of the modelling report in June 2019.



**Updates for SA**

The six projects underway are progressing as planned.

**Engagement**

Between October 2018 to March 2019, GISERA recorded 57 engagements, with the majority taking place in the Northern Territory. Outside of GISERA, CSIRO has had significant involvement in Northern Territory activities - Code of Practice documentation released by Northern Territory Government in April and the development of the guidelines for the environmental baseline analysis.

At the upcoming APPEA Convention, GISERA was to unveil exciting virtual reality technology on the CSIRO stand.