

Spatial Infrastructure Update

GDA2020 Data Now Enabled



Introduction

The Department of Natural Resources, Mines and Energy (DNRME) has successfully implemented the initial changes to its spatial environment to enable users to access and understand spatial data in GDA2020.

The changes implemented over the weekend of 18-19 January 2020 make available new GDA2020 capability in a way that will not affect availability of existing GDA94 datasets.

Changes have also been successfully implemented to Survey Control data to enable display of both GDA94 and GDA2020 information.

While these system changes have been made to allow users to test GDA2020 datasets, GDA94 will remain the official datum in Queensland and data lodged for official registers, including survey control information, should continue to be submitted in GDA94. New official spatial datasets should continue to use GDA94 until the adoption date. Any changes to data submission or creation processes will be the subject of a future notification to users closer to the full adoption date of 30 June 2020.

What has changed?

The following changes have been implemented:

- QSpatial
 - Downloading datasets in GDA2020;
 - Creating metadata for datasets in GDA2020;
 - Consuming web services in GDA2020.
- Queensland Globe
 - The existing approach, using Web Mercator based on GDA94, continues as the coordinate reference system used for displaying datasets in the Globe;
 - The Survey Control fields available through the Globe now include GDA2020 information.
- Survey Control Data
 - The addition of GDA2020 fields to survey control data has changed the content of data delivered through the relevant channels (Globe, QSpatial, SMIS, and Survey Control Reports);

What do the changes involve?

QSpatial

Users are now able to request data in GDA2020, while continuing to also access GDA94 data.

Queensland Globe

These changes do not affect the display of spatial data layers in Queensland Globe, which will continue to be based on GDA94 until the full adoption of GDA2020 on 30 June 2020. The only exceptions are the survey control attributes displayed and the content of survey control reports via the Globe.

Survey Control Data.

The fields supplied for Survey Control Data are changing to cover both GDA94 and GDA2020. The changes affect the content delivered through Survey Control Reports obtained through Qld Globe and directly online, data download through Queensland Spatial Catalogue (QSpatial), and data provided via Queensland survey control web services.

What do you need to do?

The most significant immediate impact of these changes is that any automated processes using survey control information will need to be amended to account for the new fields.

For all other data sets, the GDA2020 changes have been implemented alongside existing GDA94 capabilities, which will continue to work as before. These changes are designed to allow users and managers of spatial data to test how their systems and business operations will be affected by the full adoption of GDA2020 on 30 June 2020.

Where can you get more information?

For more information, visit www.dnrme.qld.gov.au and search 'GDA2020'. A separate fact sheet on Survey Control is also available on our GDA2020 web page.

If you require any additional information please contact us on qldgda2020@dnrme.qld.gov.au.