29 September 2021

Change advisory notice # 276 Vicmap Vegetation product rejuvenated

## **What is happening**

Vicmap Vegetation has been rejuvenated and three major outcomes have been accomplished.

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| Dataset name | Type | Change type | Description |
| Tree Extent | Raster | New dataset | Derived from multi-temporal high resolution aerial imagery. Dataset shows the absence or presence of trees. The results were based upon an image resolution of 20cm, where each pixel is classified as tree or not tree.  |
| Vegetation Density | Vector (polygon) | Update dataset  | This updated dataset improves the currency, accuracy, and attribution of the existing tree density product. Additional attribution includes:**Fire Mask**: Indicate if the tree cover extent mapping may have been impacted by a fire within the past five years.**Source MD ID**: ANZLIC ID number of the input aerial photography used in creating the tree extent.**Source Map No:** Vicmap 1:25,000 Double Format Map sheet number.  |
| Tree Ledger | Vector (point) | New dataset | This dataset contains tree points, height, and canopy radius. The ledger will expand coverage as the dataset develops overtime. Current coverage includes the Melbourne metropolitan area and four regional towns of Shepparton, Wangaratta, Sale and Ballarat.  |

Table 1 Vicmap Vegetation updates

## **Why this change is occurring**

To ensure Vicmap Vegetation is customer driven and better supports decision making across many disciplines including land management, planning, urban planning, and biodiversity.

In 2019 Land Use Victoria launched a review to investigate intuitive data integration to improve Vicmap data quality and maintenance operations. These datasets have been developed as an outcome of that review and have been generated utilising machine learning techniques with Vicmap’s aerial imagery and LiDAR (Light Detection and Ranging) data libraries.

The Department continues to invest in intuitive data technologies to progressively extract value from current, historic, and forthcoming imagery captures to improve the usability and use of Vicmap in an effective and sustainable operating model.

## **Who will it affect**

This change will affect all users of Vicmap Vegetation.

## **When the change will occur**

Changes will be reflected in the data on 13th December 2021.

## **Get in touch with us**

The consultation period for this change concludes on the 15/10/2021.

For further help or information please email vicmap@delwp.vic.gov.au

For Vicmap Product change notices and updates, visit [Vicmap change notices](https://www.land.vic.gov.au/maps-and-spatial/spatial-data/updates-to-vicmap/vicmap-change-notices).

If you would like to subscribe to change notices ongoing please forward your contact details including your email to vicmap@delwp.vic.gov.au

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