



**Manaaki Whenua**  
Landcare Research

## GDM - All Plants - Underlying Data: vpdtran

**Title**  
| Vapor Pressure Deficit transformed to predict plant composition

**Creator**  
| Landcare Research Manaaki Whenua

**Publisher**  
| Landcare Research Manaaki Whenua

**Date**  
| 2011-06-15

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| 2005-01-01

**Description**  
| This layer provides a transformation of environmental layer to best predict plant compositional turnover. Generalized Dissimilarity Modelling was used to produce a model of biotic composition in relation ship to environment and biogeography. This model was used to transform and scale environmental layers to predict community composition. These transformed environmental layers can be used to predict commmunity composition changes, and to classify New Zealand into areas of similar biotic composition. The biotic data used for this model include all vascular plant taxa from NVS recce data and estimated community compositions from pollen data.

**Source**  
| Information used to produce this layer include:  
| N:\Projects\SL0931\_TFBISbeyondLENZ\Data\GIS\Grids\AVPredictors\vpd GDM model of all  
| plant taxa

**Coverage**  
| -47.505151 166.122046 -33.959618 179.601635

**Format**  
| Raster Dataset

**Identifier**  
| <https://iris.scinfo.org.nz/layer/48236/>

**Type**  
| grid

**Language**  
| en

**Subject**  
| environment

**Subject**  
| Downloadable Data