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## Smmap Predicted pH August 2020

### Title

Smmap Predicted pH August 2020

### Creator

Landcare Research

### Description

Estimates of soil pH, as measured in a 1:5 water solution, for the 0 – 7.5 cm depth interval. The values of this layer represent estimates for the centre of a 100 m x 100 m (1 ha) grid covering all of New Zealand, with the exception of areas that do not have soils. The layer was generated using a 3 dimensional quantile regression forest model, that leverages a range of spatial predictors, including land use, topography and climate layers. More detailed information about the model used is provided in the publication: National Scale 3D Mapping of Soil pH Using a Data Augmentation Approach, Remote Sens. 2020, 12(18), 2872; <https://doi.org/10.3390/rs12182872>

### Source

Estimates of soil pH measured in a 1:5 water solution, for the 0 – 7.5 cm depth interval

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### Coverage

-47.42145 166.262442 -34.270037 179.469856

### Type

grid

### Subject

Soil pH

### Subject

Soil

### Subject

Downloadable Data

### Subject

environment

### Subject

farming