



Manaaki Whenua
Landcare Research

LENZ - Slope

Metadata

File Identifier

73d818d2-27e2-abc5-172a-9a907217981b

Language

en

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

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Position Name

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Role

Role Code

processor

Date Stamp

Date

2010-05-27

Metadata Standard Name

ISO 19115

Metadata Standard Version

2003

Spatial Representation Info

Grid Spatial Representation

Integer

2

Integer

59600

Integer

40800

Cell Geometry Code

area

Boolean

true

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

GD_1949_New_Zealand_Map_Grid

Identification Info

Data Identification

Citation

Citation

Title

Slope - LENZ

Date

Date

Date

Edition Date

Date

2003-01-01

Cited Responsible Party**Responsible Party****Individual Name**

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Role**Role Code**

custodian

Presentation Form**Presentation Form Code**

mapDigital

Abstract

Slope data layer used in the creation of Land Environments of New Zealand (LENZ) classification. This slope data layer is measured in degrees and was created from a 25-metre digital elevation model (DEM) fitted to 20-m digital contour data derived from New Zealand's NZMS 260 map series using in-house software developed at Landcare Research. All contours were originally derived

photogrammetrically from stereo photographs for final map reproduction at a scale of 1: 50 000. Additional intermediate contours and spot heights were used in generating the DEM where available, while coastlines and shorelines (for lakes greater than 10 ha in extent) were used to constrain the DEM surface around water bodies. The linear interpolation method used to create the DEM threads contours through the cells before interpolation so that any cell intersected by a contour will be given the elevation value of that contour, leading to a high percentage of cells with elevations that are multiples of 20 or 10 in steep areas. Additional details are defined in the attached LENZ Technical Guide.

Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

notPlanned

Descriptive Keywords

Keywords

Keyword

Slope

Keyword

LENZ

Keyword

Land

Keyword

DEM

Type

Keyword Type Code

theme

Descriptive Keywords

Keywords

Keyword

New Zealand

Type

Keyword Type Code

place

Descriptive Keywords

Keywords

Keyword

Downloadable Data

Spatial Representation Type Code

grid

Language

en

Topic Category Code

environment

Topic Category Code

elevation

Extent

EX_ Extent

Geographic Element

EX_ Geographic Bounding Box

166.122046179.601635-47.505151-33.959618

Distribution Info

Distribution

Distributor

Distributor

Distributor Contact

Responsible Party

Individual Name

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Role

Role Code

distributor

Distributor Format

Format

Name

ESRI Binary Grid Raster Dataset

Version

ArcGIS 9.3

Distributor Transfer Options

Digital Transfer Options

Transfer Size

Real

373.679

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://iris.scinfo.org.nz/layer/48081-lenz-slope/>

Data Quality Info

DQ_ Data Quality

Scope

DQ_ Scope

Level

Scope Code

dataset

Lineage

LI_ Lineage

Statement

This slope data layer is measured in degrees and was created from a 25-metre digital elevation model (DEM) fitted to 20-m digital contour data derived from New Zealand's NZMS 260 map series using in-house software developed at Landcare Research. The DEM used is not the latest version available from Landcare Research but was the most up to date version when LENZ was created in 2003. Additional details about its creation are defined in the attached LENZ Technical Guide.

Metadata Constraints

Legal Constraints

Use Limitation

Landcare Data Use License

Use Constraints

Restriction Code

license