



Manaaki Whenua
Landcare Research

Land Elements (North Island)

Metadata

File Identifier

c30cd2ce-1650-fd38-35d4-6801efb75437

Language

eng

Hierarchy Level Name

dataset

Contact

Responsible Party

Individual Name

James Barringer

Organisation Name

Landcare Research

Position Name

GIS Specialist

Date Stamp

Date Time

20130612

Metadata Standard Name

ISO 19115:2003/19139

Metadata Standard Version

1.0

Spatial Representation Info

Georectified

Boolean

0

Pixel Orientation Code

001

Identification Info

Data Identification

Citation

Citation

Title

Land Elements (North Island)

Cited Responsible Party

Responsible Party

Individual Name

James Barringer

Organisation Name

Landcare Research

Position Name

GIS Specialist

Abstract

<DIV STYLE="text-align:Left;"><DIV><P>This data layer was derived from terrain analysis of a 25 m resolution national digital terrain model to create a set of landform elements. The landform elements are derived from a fuzzy classification based on local geometry (curvature and slope) and landscape context, and provide a primary foundation for mapping soil distribution in steep land systems, which significantly improves knowledge of soil distribution on hillslopes in complex landscapes, and over a wide range of land systems.</P></DIV></DIV>

Purpose

This national dataset of landform elements derived from a 25 m resolution national digital terrain model has been used to underpin soil-landscape modelling in the complex steep land terrain of New Zealand. The dataset supports S-map, a new initiative to improve New Zealand's soil databases.

Credit

Barringer, JRF; Hewitt, AE; Lynn, IH; Schmidt, J.; Landcare Research NZ Ltd.

Point Of Contact

Responsible Party

Individual Name

James Barringer

Organisation Name

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Position Name

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Language

eng

Topic Category Code

elevation

Topic Category Code

environment

Microsoft Windows 7 Version 6.1 (Build 7600) ; Esri ArcGIS 10.1.1.3143

Extent

EX _ Extent

Geographic Element

EX _ Geographic Bounding Box

171.919678013178.990699391-41.6517438101-33.9596176055

Content Info

Image Description

lele_nth

Real

10.000000

Real

1.000000

Integer

8

Boolean

false

Boolean

false

Boolean

false

Boolean

false

Boolean

false

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://lris.scinfo.org.nz/layer/48334-land-elements-north-island/>

Metadata Constraints

Legal Constraints

Use Limitation

Landcare Data Use License

Use Constraints

Restriction Code

license