



Manaaki Whenua
Landcare Research

NZLRI Land Use Capability

Metadata

File Identifier

3444f34b-af90-c881-fc59-d02a55b67335

Language

eng

Hierarchy Level Name

dataset

Contact

Responsible Party

Individual Name

Peter F J Newsome

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Position Name

GIS Coordinator

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Date Stamp

Date Time

20100507

Metadata Standard Name

ISO 19115:2003/19139

Metadata Standard Version

1.0

Spatial Representation Info

Vector Spatial Representation

Integer

66070

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

New_Zealand_Transverse_Mercator

Identification Info

Data Identification

Citation

Citation

Title

NZLRI Land Use Capability

Alternate Title

nzlriv31_diss_luc

Alternate Title

New Zealand Land Resource Inventory, South Island, (inc remapping of Marlborough and restructuring of attributes at the time of creating the first generation fundamental soil layer)

Date

Date

Edition

NZLRI South Island (Version 3.1)

Edition Date

Date Time

2000

Cited Responsible Party

Responsible Party**Individual Name**

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Abstract

The New Zealand Land Resource Inventory (NZLRI) is a national database of physical land resource information. It comprises two sets of data compiled using stereo aerial photography, published and unpublished reference material, and extensive field work: 1. An inventory of five physical factors (rock type, soil, slope, present type and severity of erosion, and vegetation). A 'homogeneous unit area' approach is used to record the five physical factors simultaneously to a level of detail appropriate for presentation at a scale of 1:50,000. 2. A Land Use Capability (LUC) rating of the ability of each polygon to sustain agricultural production, based on an assessment of the inventory factors above, climate, the effects of past land use, and the potential for erosion. The NZLRI covers the country in 11 regions, each with a separate LUC classification. The first edition NZLRI provides national coverage from mapping between 1973 and 1979 at a scale of 1:63,360. A limited revision regional upgrade of the north Waikato area was completed at a scale of 1:63,360 in 1983. Second edition NZLRI regional upgrades at a scale of 1:50,000 have been completed for Northland, Wellington, Marlborough and Gisborne-East Cape. Third

edition NZLRI layers contained a restructured polygon attribute table to allow the core NZLRI to complement the newly created fundamental soil layers with minimal duplication

Descriptive Keywords

Keywords

Keyword

Rock, Geology, Lithology, Soil, Slope, Erosion, Vegetation, Land Cover, Land Use Capability, Land Resource, Soil Conservastion, Land Management, Land Planning

Resource Constraints

Constraints

Use Limitation

Survey date, and therefore currency of data, varies from 1973 to 1998. Rock, Soil, and Slope are less affected by survey date than vegetation and erosion

Use Limitation

The multi-factor, homogenous unit area mapping, method tends to result in themes being delineated at lower resolution than a single factor map of equivalent scale. Erosion and Vegetation were often recorded within units defined primarily on the basis of Rock, Soil, and Slope

Use Limitation

While mapping scale remained constant (at 1:63,360 and later 1:50,000), polygon resolution increased in detail as the survey progressed, and was variably constrained by the quality of source information available to the mapper

Representative Fraction

Denominator

Integer

63360/50000

Language

eng

Topic Category Code

farming

Topic Category Code

biota

Topic Category Code

planningCadastre

Topic Category Code

environment

Topic Category Code

geoscientificInformation

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.3.0.1770

Extent

EX _ Extent

Geographic Element

EX _ Geographic Bounding Box

166.345905179.420142-46.744158-34.268191

Distribution Info

Distribution

Distributor

Distributor

Distributor Contact

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Distributor Format

Format

Name

Shapefile

Version

ArcGIS 8.2

Distributor Transfer Options

Digital Transfer Options

Transfer Size

Real

129.276

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://iris.scinfo.org.nz/layer/48076-nzlri-land-use-capability/>

Data Quality Info

DQ _ Data Quality

Lineage

LI _ Lineage

Statement

The first edition NZLRI provides national coverage from mapping between 1973 and 1979 at a scale of 1:63,360. These data were digitised for GIS retrieval in 1981 (Version 1.1) A limited revision regional upgrade of the north Waikato area was completed at a scale of 1:63,360 in 1983. (Version 1.2) A polygon boundary and attribute validity edit over the whole database was completed in 1992. Attributes to accommodate second edition classifications were added in preparation for incorporating 1:50,000 remapping (Version 2.1) Second edition NZLRI regional upgrades at a scale of 1:50,000 were completed for Northland in 1988 and Wellington in 1991 and incorporated into the database (not present in this layer) in 1992. (Version 2.2) A second edition NZLRI regional upgrade at a scale of 1:50,000 was completed for eastern Marlborough in 1995 (Version 2.3) A second edition NZLRI regional upgrade at a scale of 1:50,000 was completed for Gisborne-East Cape (not present in this layer) in 1999 (Version 2.4) In 2000, at the time the first generation fundamental soil layers were created, the (mainly soil elements of the) polygon attribute table was restructured so that the two datasets would be complementary with minimal duplication (Version 3.1) Incidental error correction has occurred as necessary

Metadata Constraints

Legal Constraints

Use Limitation

Landcare Data Use License

Use Constraints

Restriction Code

license