



Stock Exclusion Low Slope Land 2020

Metadata

File Identifier

015d6d8a-6527-46f1-6c8c-423f9e904982

Language

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

Organisation Name

Ministry for the Environment

Contact Info

Contact

Address

Address

Country

New Zealand

Role

Role Code

pointOfContact

Date Stamp

Date

2020-08-05

Metadata Standard Name

ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

Metadata Standard Version

1.1

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

2193

Identification Info

Data Identification

Citation

Citation

Title

StockEx Low Slope Land 2020

Alternate Title

Stock Exclusion Low Slope Land 2020

Date

Date

Abstract

The Stock Exclusion Low Slope Land 2020 layer identifies areas of "low slope land" as defined in the Resource Management (Stock Exclusion) Regulations 2020. The layer shows the land parcels, or part parcels, defined as low slope land. These areas have a mean slope is less than or equal to 10 degrees. Parcels with a parcel intent of "ROAD" are excluded. Areas of lakes, ponds, settlements and urban parkland, as defined in Land Cover Database 5, are also excluded. Areas of low-slope grassland and annual cropland within high-slope parcels are also included in the Stock Exclusion Low Slope Land extent.

Purpose

This layer defines the Low Slope Land area referred to in the Resource Management (Stock Exclusion) Regulations 2020.

Credit

Manaaki Whenua - Landcare Research

Status

Progress Code
completed

Point Of Contact

Responsible Party

Organisation Name
Ministry for the Environment

Contact Info

Contact
Address
Address
Country
New Zealand
Electronic Mail Address
lucas@mfe.govt.nz

Role

Role Code
custodian

Resource Maintenance

Maintenance Information
Maintenance And Update Frequency
Maintenance Frequency Code
notPlanned

Resource Format

Format
Name
*.xml
Version
Unknown

Descriptive Keywords

Keywords

Keyword
New Zealand

Type

Keyword Type Code
theme

Thesaurus Name

Citation
Title
ANZLIC Jurisdictions

Date

Edition

| Version 2.1

Edition Date

| Date

| 2008-10-29

Identifier

| Identifier

| Code

| <http://asdd.ga.gov.au/asdd/profileinfo/anzlic-jurisdic.xml#anzlic-jurisdic>

Cited Responsible Party

| Responsible Party

| Organisation Name

| ANZLIC the Spatial Information Council

| Role

| Role Code

| custodian

Descriptive Keywords

Keywords

| Keyword

| AGRICULTURE-Livestock

| Keyword

| LAND-Use

Type

| Keyword Type Code

| theme

Thesaurus Name

| Citation

| Title

| ANZLIC Search Words

| Date

| Edition

| Version 2.1

| Edition Date

| Date

| 2008-05-16

| Identifier

| Identifier

| Code

| <http://asdd.ga.gov.au/asdd/profileinfo/anzlic-theme.xml#anzlic-theme>

| Cited Responsible Party

| Responsible Party

| Organisation Name

| ANZLIC the Spatial Information Council

| Role

| Role Code

| custodian

Resource Constraints

Security Constraints

| Classification

| Classification Code

| unclassified

Resource Constraints

Legal Constraints

Use Limitation

Creative Commons Attribution 4.0 International by Ministry for the Environment

Access Constraints

Restriction Code

license

Resource Constraints

Legal Constraints

Use Limitation

Creative Commons Attribution 4.0 International by Ministry for the Environment

Use Constraints

Restriction Code

license

Spatial Representation Type Code

vector

Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

farming

Topic Category Code

environment

Extent

EX _ Extent

Geographic Element

EX _ Geographic Bounding Box

165179-48.3-33.6

Extent

EX _ Extent

Geographic Element

EX _ Geographic Description

Identifier

Authority

Citation

Title

ANZMet Lite Country codelist

Date

Edition

Version 1.0

Edition Date

Date

2009-03-31

Identifier

Identifier

Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-country.xml#Country>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

Code

nzl

Distribution Info

Distribution

Distributor

Distributor

Distributor Contact

Responsible Party

Organisation Name

Ministry for the Environment

Contact Info

Contact

Address

Address

Country

New Zealand

Electronic Mail Address

lucas@mfe.govt.nz

Role

Role Code

distributor

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.mfe.govt.nz/layer/104827-stock-exclusion-low-slope-land-2020/>

Data Quality Info

DQ _ Data Quality

Scope

DQ _ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI _ Lineage

Statement

The general steps in the geo-processing methodology to create this dataset were as follows: 1. Starting with LCDB5, an exclusion layer of the built-up areas, open parkland, transport infrastructure and lakes and ponds was created (LCDB5 exclusion layer). 2. The LINZ Primary Parcel layer was converted to single part and Road parcels were removed (Primary Parcel layer). 3. The LCDB5 exclusion layer was erased from the Primary Parcel layer. 4. The Slope layer was calculated in degrees from the MWLR DEM using ERDAS Imagine. 5. The average slope for each primary parcel or part parcel was calculated. 6. All land parcels with a mean slope of less than or equal to 10 degrees were selected (Initial low slope extent). 7. To identify the remaining low slope grazing areas that occur within high slope parcels, all land parcels with a mean slope greater than 10 degrees were selected and clipped to the area of high and low producing grassland, and annual cropland in LCDB5. 8. The mean slopes for these polygons were recalculated and the polygons with a mean slope < 10 degrees elected. These polygons, that represent low-slope pockets within high-slope parcels, were added to the initial low-slope extent to form the All low slope areas layer. 9. This layer was dissolved without creating multipart. 10. Polygons with an area greater or equal to 2 hectares were selected. (Final low slope extent).

Metadata Constraints

Security Constraints

Classification

Classification Code

unclassified

Metadata Constraints

Legal Constraints

Use Limitation

Attribution 4.0 International

Use Limitation

<https://creativecommons.org/licenses/by/4.0/>

Use Constraints

Restriction Code

license