



Legal Frameworks for Geospatial Information Management – a national approach

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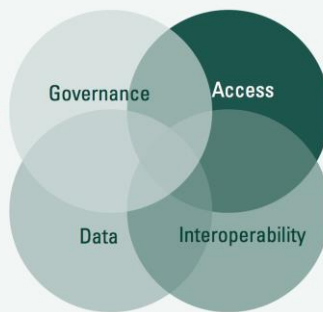


NZ Geospatial Strategy - 2007

Four Strategic Goals

I. **Governance** – establish the governance structure required to optimise the benefits from government’s geospatial resources.

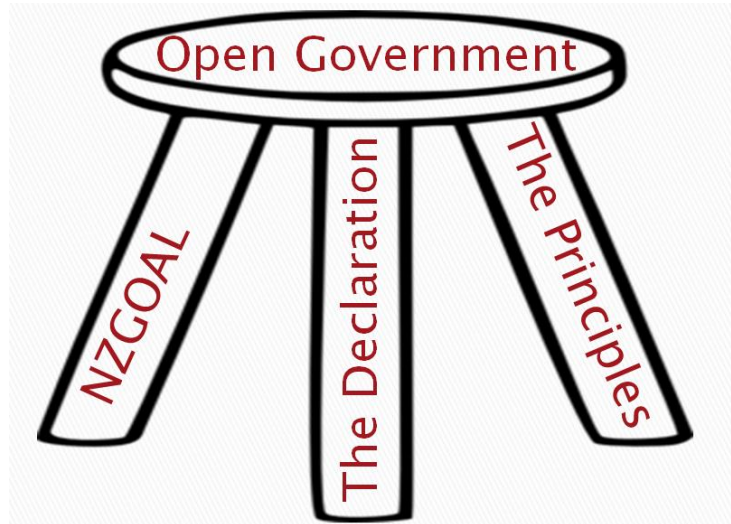
II. **Data** – ensure the capture, preservation and maintenance of fundamental (priority) geospatial datasets, and set guidelines for non-fundamental geospatial data.



III. **Access** – ensure that government geospatial information and services can be readily discovered, appraised and accessed.

IV. **Interoperability** – ensure that geospatial datasets, services and systems owned by different government agencies can be combined and reused for multiple purposes.

Foundations for Open Government Data and Information



newzealand.govt.nz

Data.govt.nz



NZ Declaration on Open and Transparent Government, 2011



Government direction to government agencies to proactively release all:

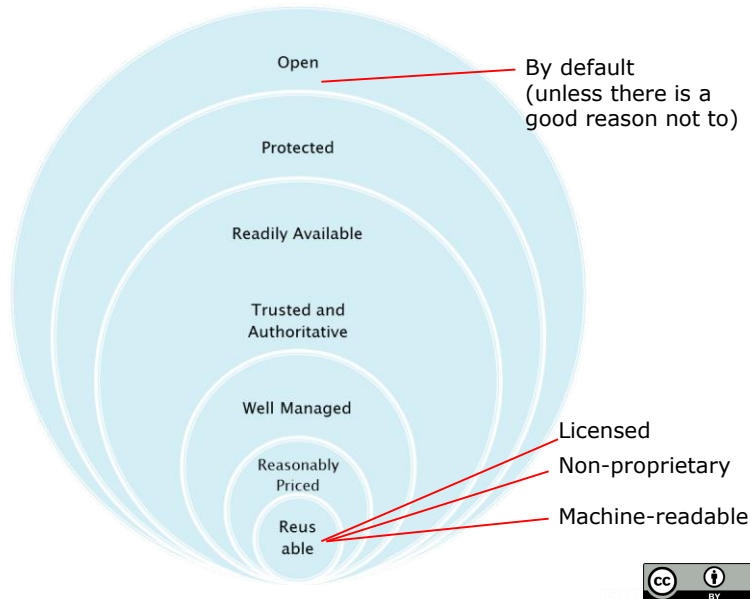
- publicly funded data
- non-personal and unclassified
- high potential value for re-use

How do we do this?

- **apply the NZ Data & Information Management Principles**
- **licensed for re-use (NZGOAL)**
- **published on Data.govt.nz**



NZ Data and Information Management Principles, 2011

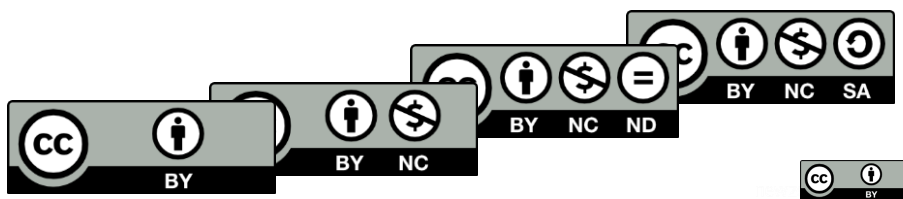


NZ Government Open Access and Licensing (NZGOAL) Framework



Guidance to publicly funded agencies on how to apply Creative Commons licences to information data and content, published digitally or in hardcopy.

- Copyright = ownership
- Licence = permissions to re-use (assigned by the copyright owner)



Data.govt.nz



Request dataset Add dataset

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5.5k datasets 145 organisations 25 groups

Search data

E.g. environment



Data.linz.govt.nz



Secure | https://data.linz.govt.nz/data/category/geodetic/

Land Information New Zealand LINZ DATA SERVICE

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DATA TYPE: All 48 Layers 48 Documents 2

CATEGORY: All 2525 Aerial Photos 185 Basemaps 3 Crown Property 3 Elevation 44 Full Landline 36 Dataset 3 Geodetic 3 Gravity 4 Vertical Datum 2016 25 Hydrographic & 544 Maritime 30 Property Ownership & Boundaries 39 Roads and Addresses 59 Topographic 712

GROUP REGION

Geodetic Data

- NZ Geodetic Marks
LINZ / National Geodetic Office
Licence 10600 2669 06 Apr 2018
- NZ Geodetic Vertical Marks
LINZ / National Geodetic Office
Licence 6162 1385 06 Apr 2018
- NZ Meridional Circuit Boundaries (NZGD2000)
LINZ / National Geodetic Office
Licence 6671 433 06 Jul 2011
- NZ Survey Control Networks
LINZ / National Geodetic Office
Licence 6169 612 06 Apr 2018
- NZ Protected Survey Marks

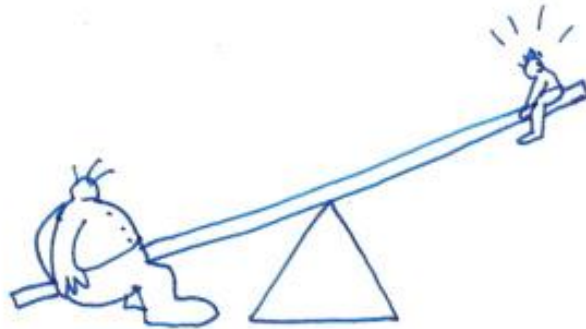
Streets Find address or place.



Privacy v's Openness



Getting the balance right



Privacy Act 1993 principles



1. Only collect personal information if you really need it
2. Get it directly from the people concerned where possible
3. Tell them what you're going to do with it
4. Be fair and not unreasonably intrusive when you're getting it
5. Keep the information safe
6. Give people access to their personal information if they want it
7. Let people correct information that's wrong
8. Make sure personal information is correct and not misleading before you use it
9. Get rid of it when you're done with it
10. Generally, only use the information for the purpose for which you got it
11. Only disclose it if you have a good reason
12. Only assign unique identifiers where permitted.



Privacy Impact Assessment



- <https://www.privacy.org.nz/news-and-publications/guidance-resources/privacy-impact-assessment/>



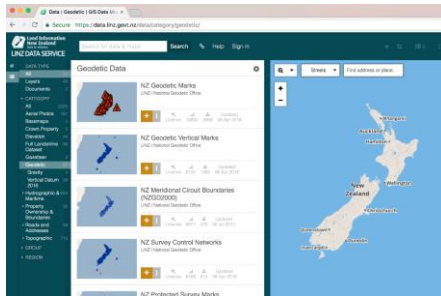
Privacy v's Impact



**The Privacy Act is a principle-based system,
not enforceable in court.
An aggrieved individual must make a complaint**

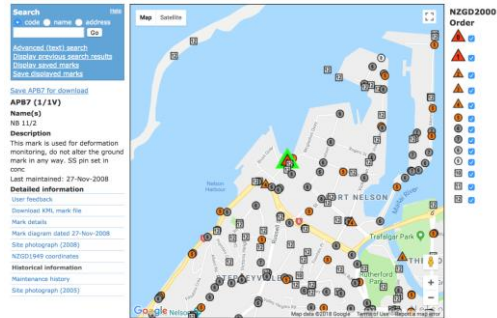


Open LINZ Geodetic Data



Geodetic data is made available through:
Geodetic database website
LINZ data service
Landonline
GeoNet

The Information includes:
Observational data
Mark information
Coordinates
Gravity data, geoid
Deformation models
GNSS observations, RINEX files, streamed data



Open data benefits to LINZ



- In releasing GNSS data freely we get GNSS supplied to us for free by the Private sector – enhances the geodetic network
- In releasing all our data it enables it to be used for GGRF improvements from which we can benefit
- It enables the innovative use of the data – weather forecasting
- It saves us money – we work jointly across Central and Local Government and the Private Sector

