

The Past, Present, and Future of Government Data Publishing



Canterbury 0.4m Rural Aerial Photos (2013-14)
Land Information New Zealand





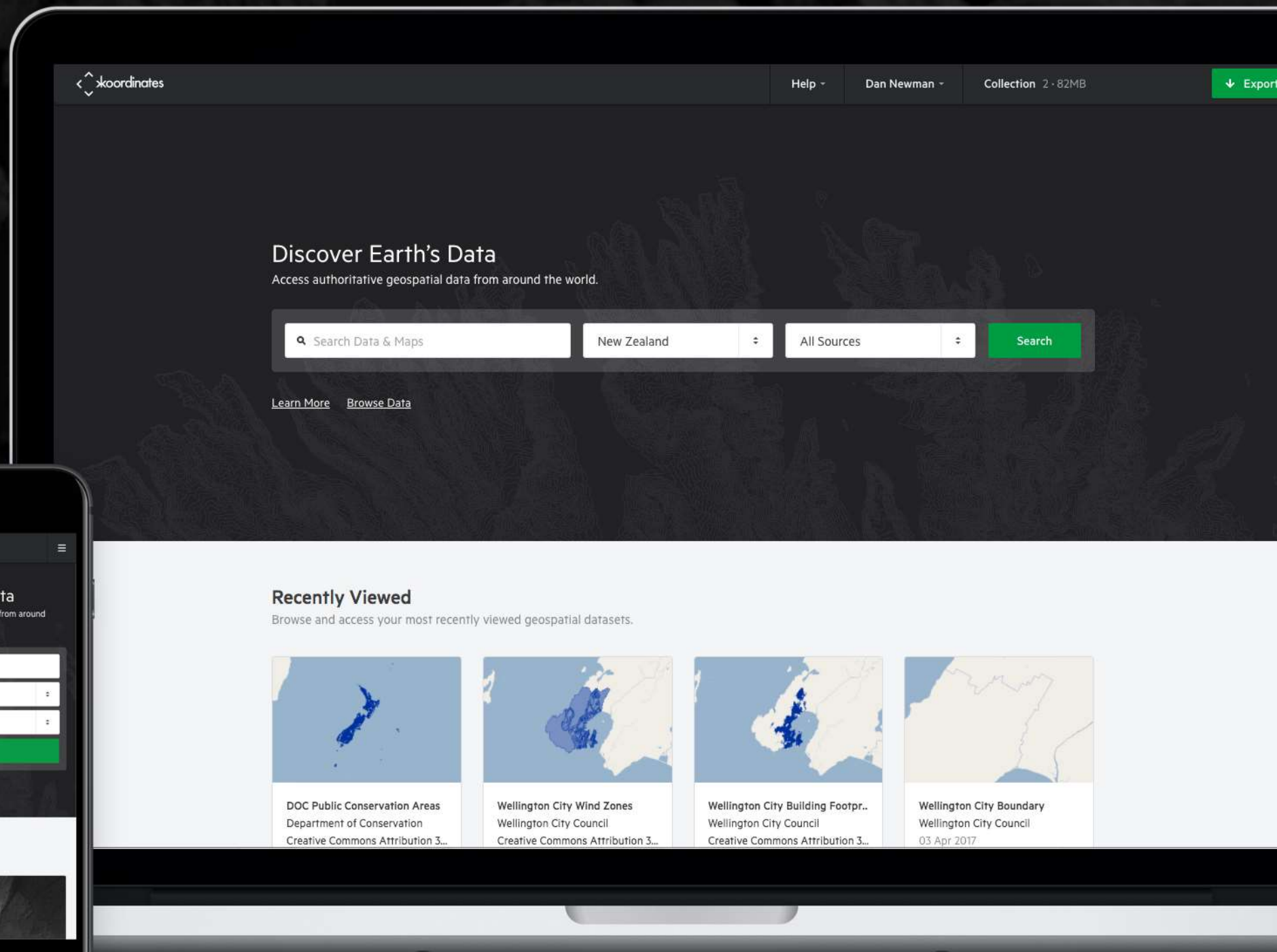
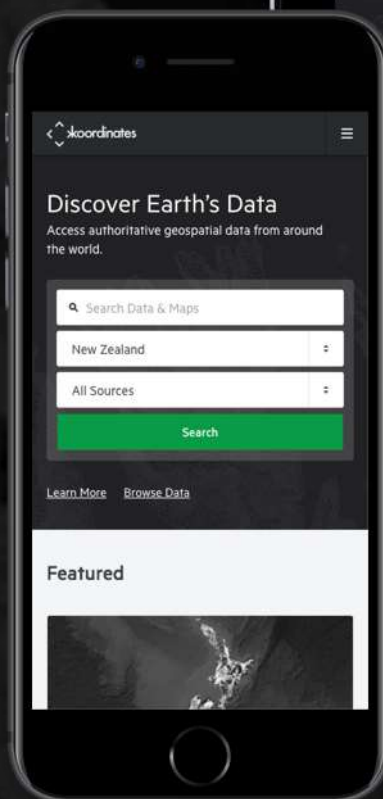
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Our goal is to
realise the
potential of
geospatial data.



Mapping Cloud Break

Reef Data: Fiji Ministry of Lands & Mineral Resources
Aerial Imagery: Bing
Marine reserve captured by Anne Harper.



2006–7

Creative Commons Australia
and Aotearoa New Zealand

2009–10

AUSGOAL and NZGOAL
Open Access & Licensing Framework



What is Dormant Data?

Data requires technical expertise to access.

Data is view-only.

Data requires proprietary software to access, or is available in a limited number of formats and projections.

Data is not available via API or web services.

Data cannot be previewed or appraised before export.

Data is not easily discoverable either within the site or via Google.

Data has confusing or contradictory licensing statements.

“

While ‘getting the data out’ is arguably the single most important obligation a data portal must fulfill, it isn’t enough anymore. Public data needs to be more than available – it needs to be easily accessible and usable for everyone.

Civil Analytics Network — Harvard University



The Open Data Puzzle



Cultural change, including evolving attitudes around the benefits of 'open'.



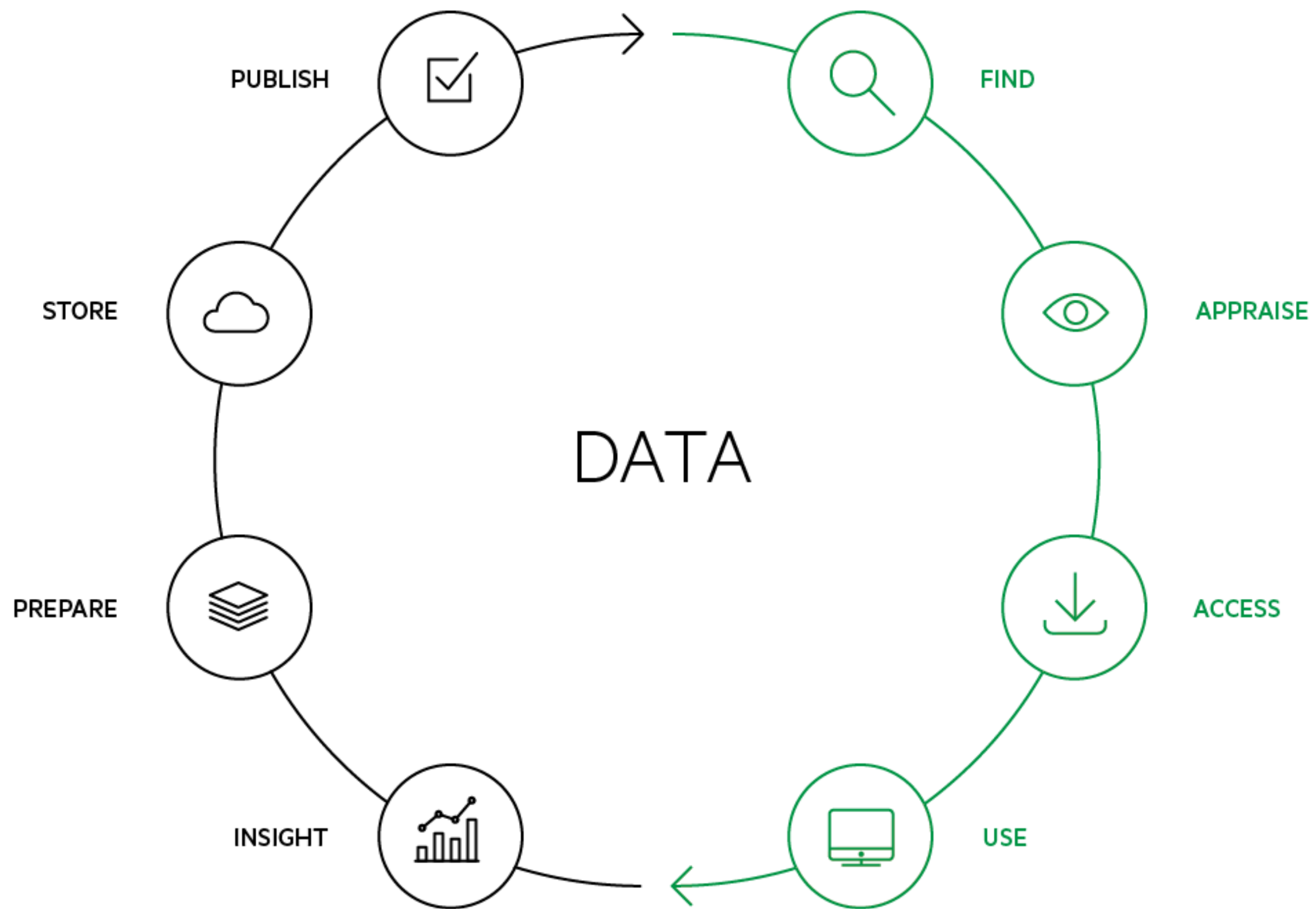
Government policy, including advocacy and education around the nuts and bolts of open policy implementation.



Legal tools, such as human-readable open licences like Creative Commons.



Technology, including cheaper cloud storage, better browsers, and ultimately easier ways to distribute data to those who need it.



Universality Usability Reliability



NZ Property Titles
Land Information New Zealand / Survey & Title

A Radical Increase in Data Reuse

226,240

Views

26586

Downloads



NZ Property Titles
Land Information New Zealand / Survey & Title



Solving the Problem of Data Discoverability

The Future

Public data—in your
own site—immediate
and authoritative.

The screenshot displays the EARTH'S Data Service web application. The interface features a green header with the logo, a search bar, and a 'Browse' button. Below the header, a list of data layers is shown, each with a thumbnail map of New Zealand, a title, source, license, and view count. The layers are:

- Meshblock 2013**: Statistics New Zealand, Creative Commons Attribution 3.0 New Zealand license, 6107 views • 16 Feb 2016. Action: Remove from Collection.
- Age by meshblock (2013 Census)**: Statistics New Zealand, Creative Commons Attribution 3.0 New Zealand license, 3366 views • 11 Dec 2015. Action: Add to Collection.
- Counts of Te Reo speakers of Maori descent by Meshblock**: Statistics New Zealand, Creative Commons Attribution 3.0 New Zealand license, 2805 views • 16 Jun 2016. Action: Add to Collection.
- Area Unit 2016 Generalised Version**: Statistics New Zealand, Creative Commons Attribution 3.0 New Zealand license, 2352 views • 09 Dec 2015. Action: Add to Collection.
- Ethnic group by meshblock (2013 Census)**: Statistics New Zealand, Creative Commons Attribution 3.0 New Zealand license, 2287 views • 11 Dec 2015. Action: Add to Collection.

On the right side of the interface, there is a map viewer with controls for zooming (minus, plus), search (magnifying glass), layers (stack icon), blank (two vertical bars icon), crop (scissors icon), and a 'Find address' input field. The map itself shows a green-shaded area representing land, with blue lines indicating water bodies.

The Future

Public data—in your
own site—immediate
and authoritative.

One point of data truth.

The screenshot displays the EARTH'S Data Service web application. The interface features a green header with the logo, a search bar labeled "Search Data & Maps", and a "Browse" button. Below the header, a list of data collections is shown, each with a thumbnail map of New Zealand, a title, source, license, and view count. The collections listed are:

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Thank you!

anne.harper@koordinates.com

NZ Road Centrelines (Topo, 1:500k)
Land Information New Zealand

