

An abstract graphic featuring a complex network of green lines and dots, resembling a molecular structure or a data network, set against a dark background. The lines and dots are concentrated in the upper right and lower left areas, creating a sense of depth and connectivity.

# ORCID Data Dashboard: A Snapshot of New Zealand Research

eResearchNZ 2021

11 February 2021



Connecting Research  
and Researchers

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# WHAT IS ORCID?



A globally unique and open identifier for researchers



Researchers share their iD with organizations during regular research workflows



A place to store and share the resulting connections between iDs and research activities and affiliations



ORCID is researcher-based and a primary focus is user control of all of their information about their research activities and affiliations

We aim to connect these activities and affiliations through trusted connections, and display the provenance of these trusted assertions through our API tool.



**ORCID provides a disambiguated ID for researchers for free**

**ORCID maintains a registry of these IDs and supports reliable, researcher-controlled connections with other research systems**

**ORCID supports this registry through membership by funders, publishers, universities and service providers**

**ORCID members choose and maintain their systems' connections to the registry according to ORCID best practices**



# THE ORCID REGISTRY: A SNAPSHOT

- 10,564,003 ORCID Records (IDs)
- an average of 20-40,000 created per week
- 67,126,046 works
- 966,890 funding items
- 3,530,692 peer review items
- 4,777,980 education affiliations
- 4,885,095 employment affiliations
- 1131 member institutions
- 23 national consortia



# ORCID CHALLENGES

free and easy to use for  
individual researchers

potentially painful for  
member institutions, who  
must connect to the  
ORCID registry via a  
system of their choice



# ORCID in NEW ZEALAND:

**A NATIONAL STRATEGY TO USE ORCID AS A BENEFIT FOR NZ RESEARCH**

**IN 2016, ROYAL SOCIETY TE APĀRANGI BECOMES A LEAD ORGANISATION  
IN ASSISTING**

**RESEARCH INSTITUTIONS,**

**POLYTECHNIC INSTITUTES,**

**CROWN RESEARCH INSTITUTES (CRIs),**

**DISTRICT HEALTH BOARDS,**

**IRANZ (INDEPENDENT RESEARCH ORGANISATIONS)**

**TO CONNECT TO ORCID**

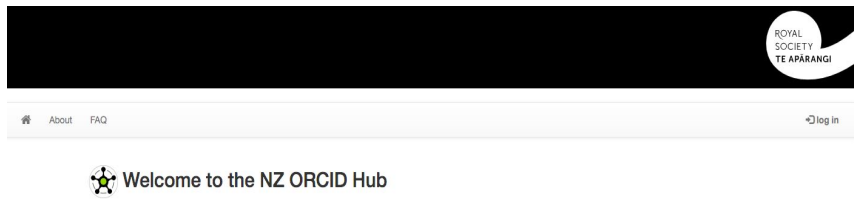


<https://www.royalsociety.org.nz/orcid-in-new-zealand/new-zealand-orcid-consortium/who-is-involved-with-the-new-zealand-orcid-consortium/consortium-lead/>

# ORCID in NEW ZEALAND: ROYAL SOCIETY TE APĀRANGI

MINISTRY OF BUSINESS AND INNOVATION & EMPLOYMENT-LED ORCID  
WORKING GROUP RECOMMENDS DEVELOPING A TOOL TO CONNECT NZ  
RESEARCHERS TO CONNECT TO ORCID REGISTRY

ROYAL SOCIETY TE APĀRANGI WORKS TO DEVELOP NZ ORCID HUB



<https://orcidhub.org.nz/>



# GIVING BACK ADDITIONAL VALUE - MEMBER PORTAL

**Offer an easy to use interface to easily connect to and display useful statistical data from the ORCID registry**

**Affiliation Manager  
Data Dashboard  
Self Service**



# DATA DASHBOARD

For ORCID Consortia only as an added value

Impact Overview

Records Updated

Geography of Connected IDs



# DATA DASHBOARD

ORCID Consortia dashboard

Chart data updated 12 hours ago

Royal Society Te Apārangi

## Royal Society Te Apārangi

### Impact

This section shows the number of researchers interacting with your integrations

Connected IDs

11,954

Records updated

3,103

Members

51

Integrations

36

Integrations connected with IDs

34

Integrations performing updates

25

#### Integrations

display name	client details id	Connected IDs	records updated
AgResearch Ltd	APP-XU9WECKJBUCAY6V	129	123
Ara Institute of Canterbury	APP-BZOKDW7YSR7S68B3	33	30
Auckland University of Technology	APP-DLRSRWNNXVATPQLN	30	27
Auckland University of Technology - Research Elements	APP-PLDSYTOST7RGKIQ3	787	0

View all 36 rows and 5 columns

#### Consortia members

member name

AgResearch Ltd  
Aqualinc Research Ltd  
Ara Institute of Canterbury  
Auckland District Health Board  
Auckland Museum  
Auckland University of Technology  
BRANZ  
Bay of Plenty District Health Board  
CRL Energy Ltd  
Calaghan Innovation  
Capital and Coast District Health Board  
Cawthron Institute  
ESR Limited  
Eastern Institute of Technology

View all 51 rows

#### IDs first connected

IDs first connected

total IDs connected

#### Records first updated

records first updated

total records updated



# DATA DASHBOARD

ORCID Consortia dashboard

Chart data updated 12 hours ago

## Records

This section shows the number of records your integrations have updated

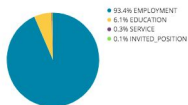
IDs updated with affiliations

2,919

Total affiliations

3,469

Affiliation types



Org IDs added

name	number of ...
University of Canterbury	904
Massey University	401
Otago Polytechnic	350
New Zealand Institute for Plant and Food Research Ltd	281

[View all 23 rows and 4 columns](#)

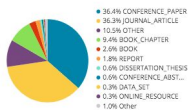
IDs updated with works

193

Total works

7,309

Work types



IDs updated with funding

150

Total fundings

155

IDs updated with peer reviews

0

Total peer reviews

0

IDs updated with person identifiers

7

IDs updated with websites

1

IDs updated with research resources

0



# DATA DASHBOARD

what does this tell us about research in NZ Aoteroa?

# NZ IN THE REGISTRY: A SNAPSHOT

- 11,954 connected ORCID Records (IDs)
- 17,666 records affiliated with NZ
- 7,309 works added to ORCID via API



# NZ IN THE REGISTRY: A SNAPSHOT

- 52 member institutions
- 36 systems integrating with ORCID registry
- 25 integrations updating ORCID records

# RESEARCH INSTITUTES: DATA DASHBOARD

**Big research institutes have most connections to ORCID (connected IDs)**

**However, many big research institutes can not currently update to ORCID via their Elements systems**

**Universities of Canterbury, Otago and Lincoln University have particularly high ratios of ORCIDs updated to their total number of connected IDs**





# CRIs: DATA DASHBOARD

**CROWN RESEARCH INSTITUTES (CRI) have the highest ratio of records updated to connected IDs**

**Many CRIs are updating nearly all of their researchers' ORCID records and adding value**

**IRANZ institutions are also adding updates to a high ratio of their researchers' ORCID records**



# NZ IN THE REGISTRY: A SNAPSHOT

**what are NZ researchers adding to the the ORCID registry?**

**the most common work type is “conference paper”**

- 36.4% works added from NZ are conference papers
- compared to 11% of works from Australia
- and 8.29% of total registry works



# NZ IN THE REGISTRY: A SNAPSHOT

**what are NZ researchers adding to the the ORCID registry?**

**a very prominent work type in NZ is “book chapter”**

- 9.4% works added from NZ are book chapters
- compared to 2.6 % of works in the ORCID registry



# NZ IN THE REGISTRY: A SNAPSHOT

what are NZ researchers adding to the the ORCID registry?

the “other” problem

- 10% works added from NZ are “other”
- compared to 2.06% in ORCID registry



# TAKEAWAYS

**Disparity between work types added from NZ ORCID members and the total ORCID registry**

**Consistent high ratio of connection in small NZ institutes suggests success amongst CRIs and IRANZ institutions**

# TAKEAWAYS: OTHER WORK TYPE

Future releases will likely focus on bringing more clarity to the “other” work type

- annotation
- artistic-performance
- data-set
- invention
- lecture-speech
- physical object
- research-technique
- software
- spin-off-company
- standards and policy
- technical standard



# THANK YOU!



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