University of the Sunshine Coast Australia

Capturing and showcasing research impact in Esploro

Bec Cooke

Research Repository Coordinator,

Library Services

Geraldine Haidle

Research Performance Analyst,

Office of Research

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CRICOS: 01595D | TEQSA PRV12082

20th Conference IGeLU 2025 Siena 15-18th September

University of the Sunshine Coast (UniSC)

- **Outer-urban University,** main campus located on the **Sunshine Coast**, Queensland
- **6 Campuses** across the country
- **18,000 Students**
- **450 Researchers**
- **5 Academic Schools**
- **2 Research Institutes**
- **4 Research Centres**

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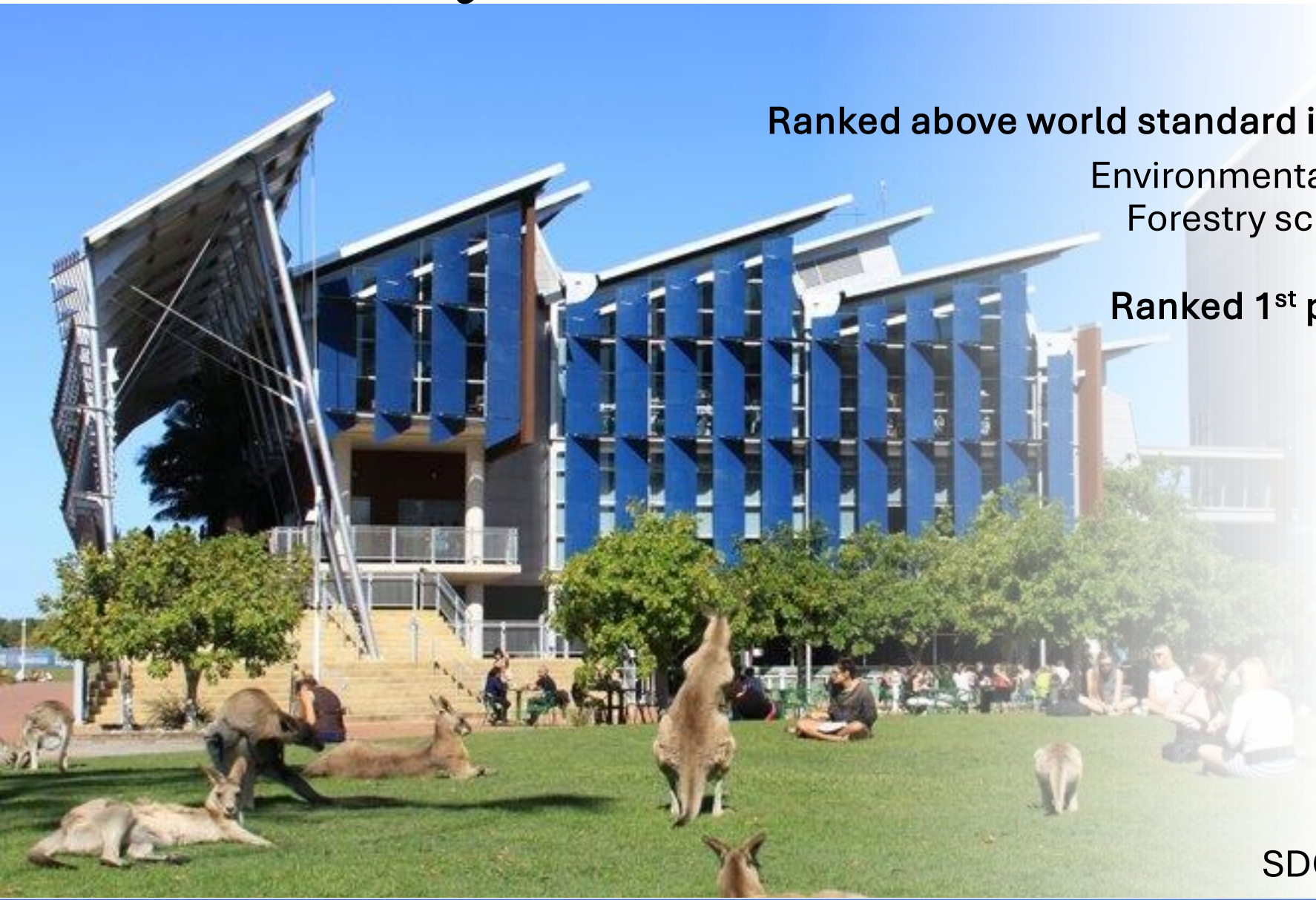
UniSC Rankings



Ranked above world standard in 13 research fields, including

Environmental science, Ecology and Zoology, Forestry sciences. Neurosciences, Nursing

Ranked 1st place in Queensland in 2 SDGs

SDG 2: Zero Hunger

SDG 13: Climate Action

Ranked 7th globally in 1 SDG

SDG 15: Life on Land

Top 25 globally for

SDG 13: Climate Action

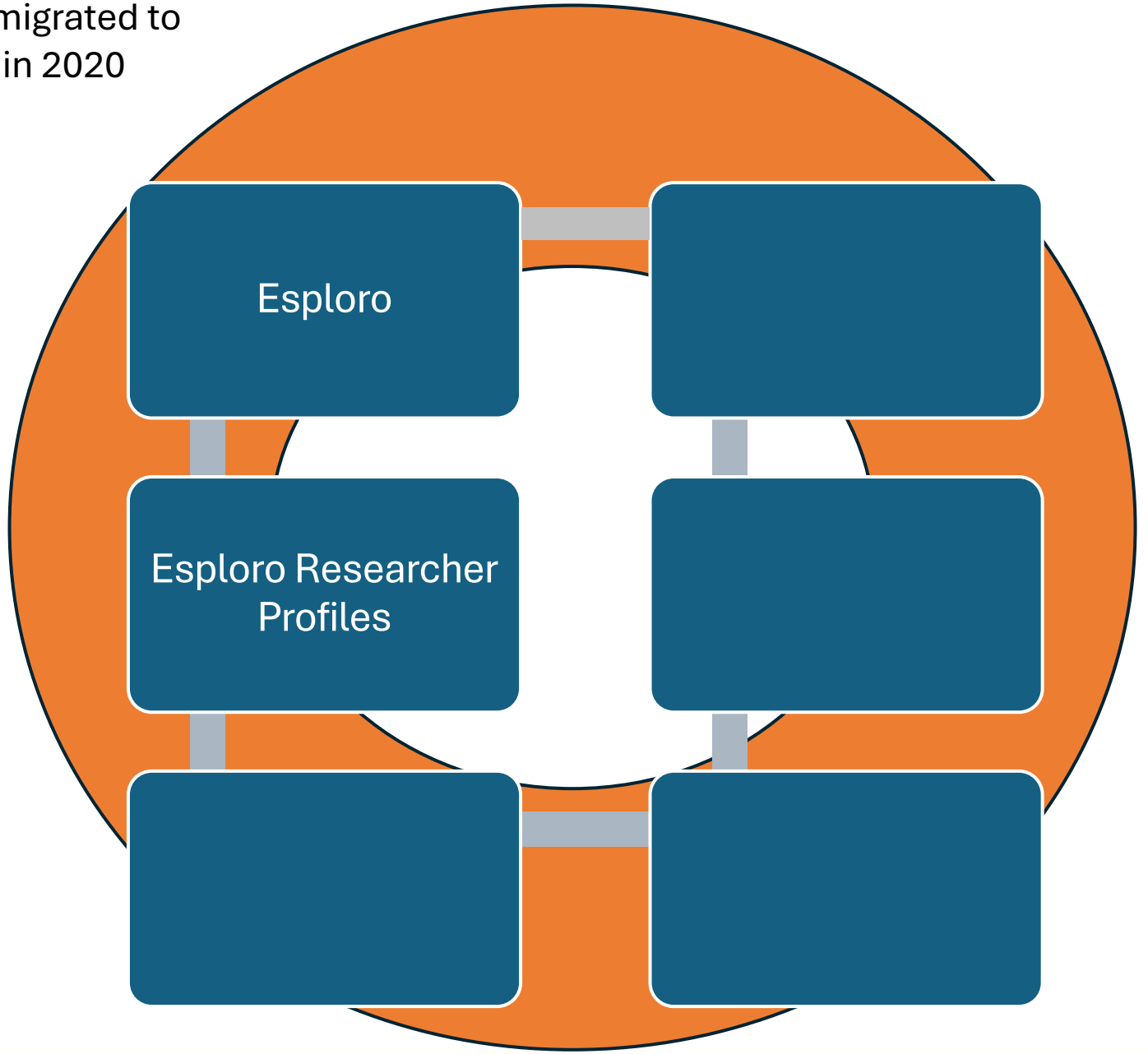
SDG 14: Life Below Water

SDG 2: Zero Hunger

SDG 6: Clean Water and Sanitation

Esploro at UniSC

Library migrated to Esploro in 2020



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Esploro at UniSC

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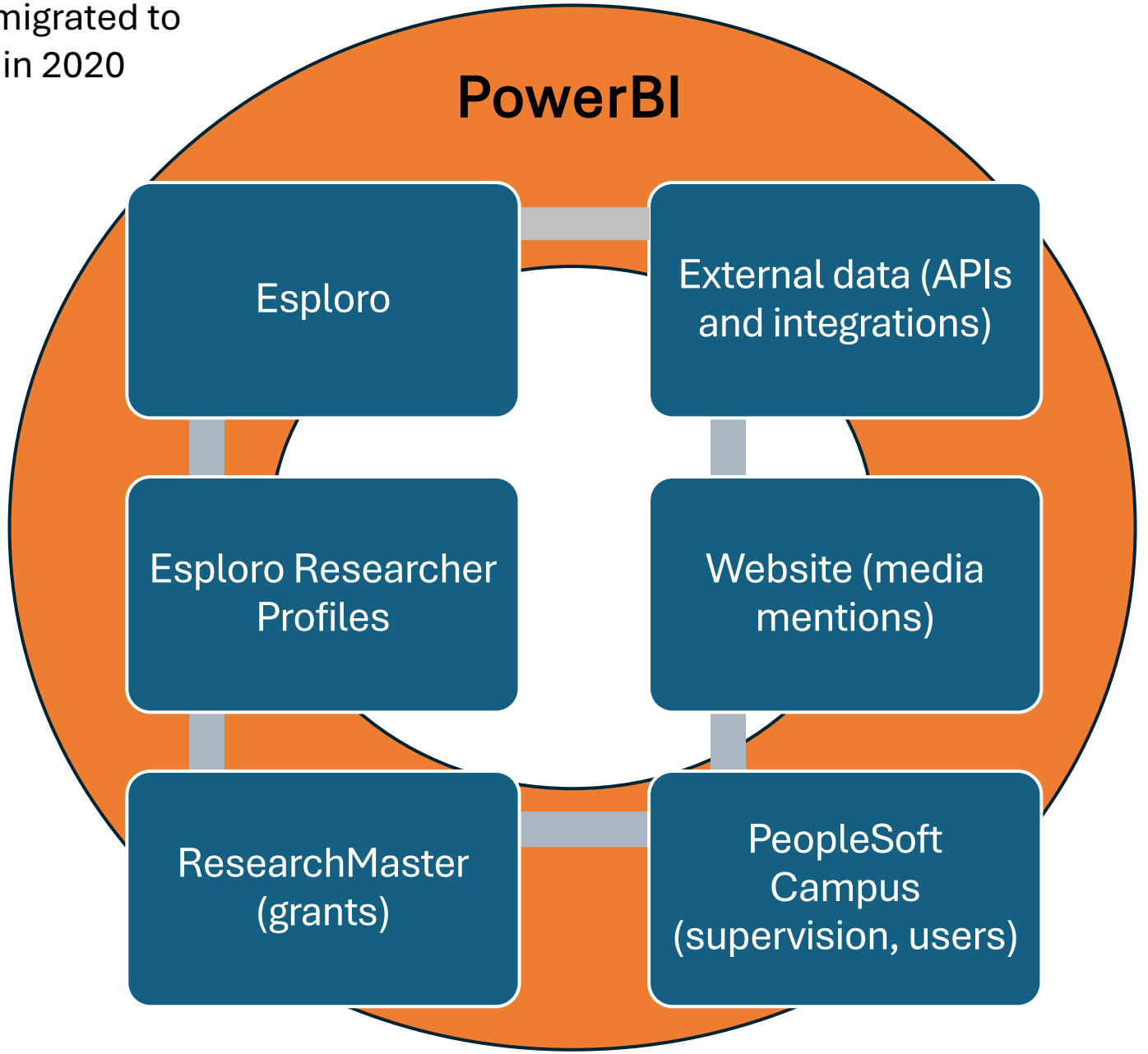

Drivers for using Esploro for impact records

- **Annual reporting requirement**: Research Impact case studies are required for UniSC's schools, centre and institute annual reports.
- **Previous challenge:** Prior to Esploro, there was not system for capturing research impact.
- **Esploro solution**: utilising the projects entity, Esploro provides a central repository for researchers to effectively capture and showcase their research impact.
- **Administrative support:** the system offers streamlined mechanisms for administrators to report on research impact.

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What is Research Impact?

Research impact is the contribution that research makes to the economy, society, environment or culture, beyond the contribution to academic research.

Australian Research Council (ARC)

Impact is the effect of the research after it has been adopted, adapted for use, or used to inform further research.

National Health and Medical Research Council (NHMRC)

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Pathways to Research Impact

INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES	IMPACT
What you need to support research activities	**What you do to generate new knowledge**	**What you deliver from the research activities**	**Awareness and use of outputs**	**Consequences of using your outputs**
• Funding • Facilities and equipment • Previous projects • Researcher knowledge and expertise	• Projects • Community and stakeholder engagement • Education • Membership of societies and academies	• Publications • Patents • Exhibitions and performances • Datasets • Software	• Postgraduates • Cited outputs (metrics) • Media coverage • Commercial products and licenses	Types of impact: • Cultural • Economic • Educational • Environmental • Health • Legal • Manufacturing • Public Policy • Societal

Pathways to Research Impact

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• Grants • Research resources • Projects • Researchers	• Projects • Community and stakeholder engagement • Education • Membership of societies and academies	• Publications • Patents • Exhibitions and performances • Datasets • Software	• Postgraduates • Cited outputs (metrics) • Media coverage • Commercial products and licenses	Types of impact: • Cultural • Economic • Educational • Environmental • Health • Legal • Manufacturing • Public Policy • Societal

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• Grants • Research resources • Projects • Researchers	• Projects • Activities	• Publications • Patents • Exhibitions and performances • Datasets • Software	• Postgraduates • Cited outputs (metrics) • Media coverage • Commercial products and licenses	Types of impact: • Cultural • Economic • Educational • Environmental • Health • Legal • Manufacturing • Public Policy • Societal

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• Grants • Research resources • Projects • Researchers	• Projects • Activities	• Assets	• Postgraduates • Cited outputs (metrics) • Media coverage • Commercial products and licenses	Types of impact: • Cultural • Economic • Educational • Environmental • Health • Legal • Manufacturing • Public Policy • Societal

Pathways to Research Impact

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What you need to support research activities	**What you do to generate new knowledge**	**What you deliver from the research activities**	**Awareness and use of outputs**	**Consequences of using your outputs**
• Grants • Research resources • Projects • Researchers	• Projects • Activities	• Assets	• Activities • Media mentions • Metrics	Types of impact: • Cultural • Economic • Educational • Environmental • Health • Legal • Manufacturing • Public Policy • Societal

Pathways to Research Impact

INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES	IMPACT
What you need to support research activities	What you do to generate new knowledge	What you deliver from the research activities	Awareness and use of outputs	Consequences of using your outputs
Grants Research resources Projects Researchers	Projects Activities	Assets	Activities Media mentions Metrics	Projects ...joins them all together...

The Project

The 12-month **Research Management** project included two sub-projects and was a collaboration between the Office of Research and the Library.

Sub-project 1

Researcher profiles

Enhance the Esploro researcher profiles with grants, activities (supervision and teaching) and media mentions

Sub-project 2

Research impact

Configure the Esploro projects entity to enable capture of research impact information

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Esploro Grants

```
<?xml version="1.0" encoding="UTF-8"?>
<grants
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="schema1.xsd">
<grant>
<grantId>0980030027</grantId>
<grantName>Associations between outcomes using the Vona du Toit Model of Creative Ability and other measures of occupational performance frequently used in mental health occupational therapy</grantName>
<funderCode>VMDTF</funderCode>
<funderAgency></funderAgency>
<expectedStartDate></expectedStartDate>
<expectedEndDate>20260703</expectedEndDate>
<startDate>20250704</startDate>
<endDate></endDate>
<category>RES</category>
<researchTopicCode>420104</researchTopicCode>
<type>researchgrant.awarded</type>
```

- Grants from **ResearchMaster (RM) -** RMS used by the Office of Research
- Powershell script to convert the RM data to XML
- Maps RM personnel identifiers to Esploro Internal Researcher ID identifiers
- Maps RM funder/fund scheme codes to EROD codes (local and central)
- Automated weekly job to produce a new XML of all grants that have been added or modified in RM, which is then uploaded into Esploro

Esploro Grants

Challenges

- Use 'overlay' instead of 'do not import on match' due to wanting to keep Esploro in sync with any changes that occur in RM
- Overlay XML file in Esploro will wipe any value-added information in the grant record
- Required an additional step in the powershell script to use the Grants API to query Esploro and retrieve any value-added information to add to the XML
- Ongoing maintenance of the researcher and organisation mapping tables

Esploro Activities - Supervision

Supervision data

- Supervision data from **PeopleSoft Campus** system
- For historic records – use the Activities API to add all completed supervision records to Esploro, excluding those already listed
- Ongoing – using the cloud app to create supervision records when the student deposits their thesis to Esploro

Challenges

- Unable to include current supervisions due to the number of changes to supervision teams, student enrollment, thesis titles, etc, throughout the year, and no way to use the API to update these records

Esploro Activities - Teaching

Benefits

- Visibility of academic engagement – how researchers are contributing to student learning and curriculum development.
- Support of promotions and performance reviews.
- Shows how research and teaching intersect.
- Gives a complete view of who our researchers are and what they do.
- Adding another data point to the research and academic impact journey.

Challenge

- The University did not have teaching data that could be used as a source-of-truth for public display, so this was removed from the project scope.

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Sub-project 1

Esploro Media Mentions

Benefits

- Shows the researchers reach beyond the university.
- Demonstrate engagement and influence.
- Important part of the impact journey.

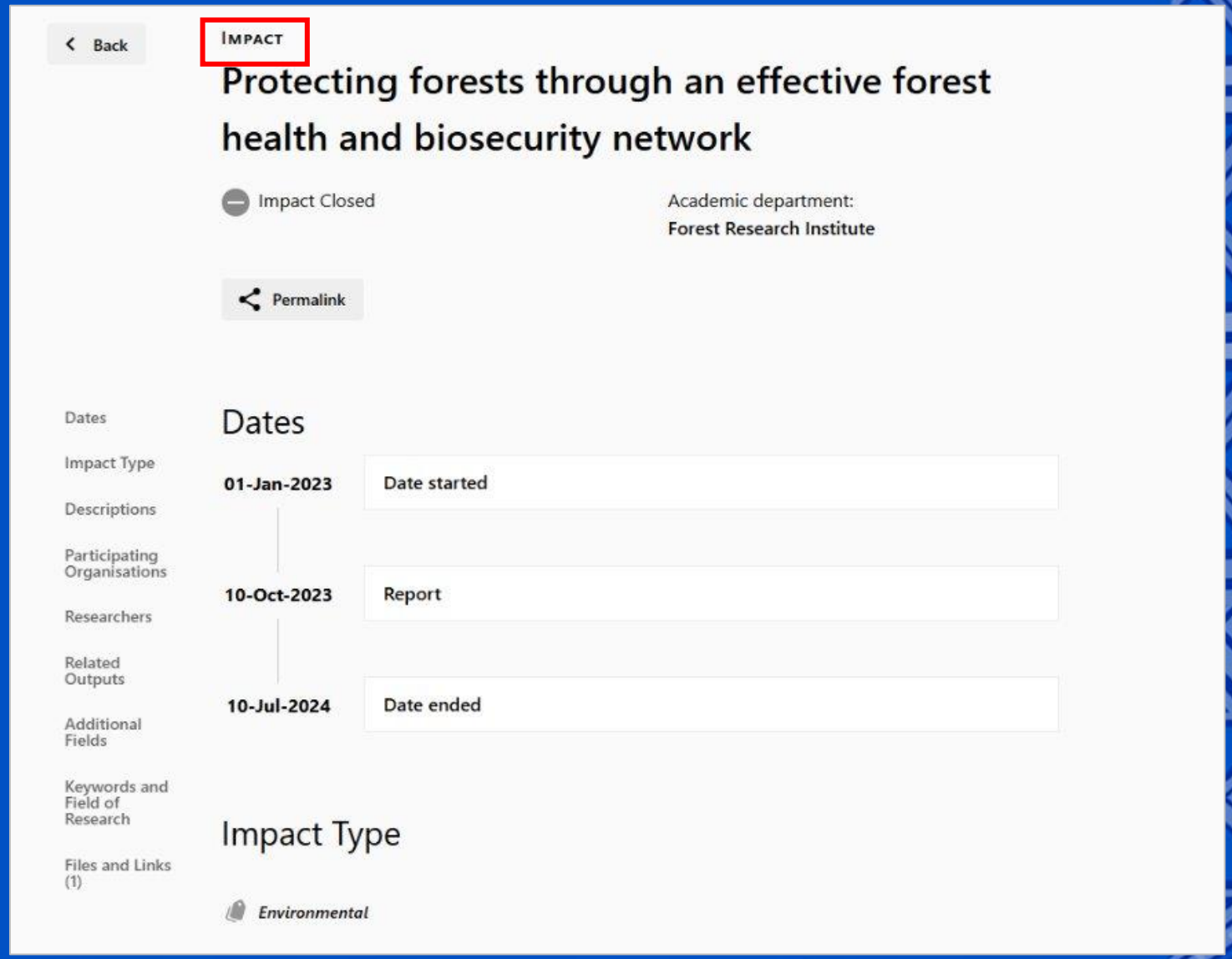
Challenges

- The university did not have media articles in a format that could be automated for capture in Esploro
- Media articles are now added manually monthly by the Library and as requested by the researcher.

Impact - Core Requirements

- The administrator can **configure the impact evidence fields** to be populated (e.g., title, impact description, beneficiaries), including the ability to make some fields mandatory
- The solution allows a researcher to **register impact evidence** for a specific project, including images, documents, videos, URLs, emails, etc
- The solution provides a **user-friendly** public facing project page, along with links to associated impact evidence
- The solution allows the project and associated evidence to be **exported from the system** (e.g., PDF, word or excel)
- The solution allows a researcher to **craft impact stories** linking impact evidence and projects

Esploro Configurations



Sub-project 2

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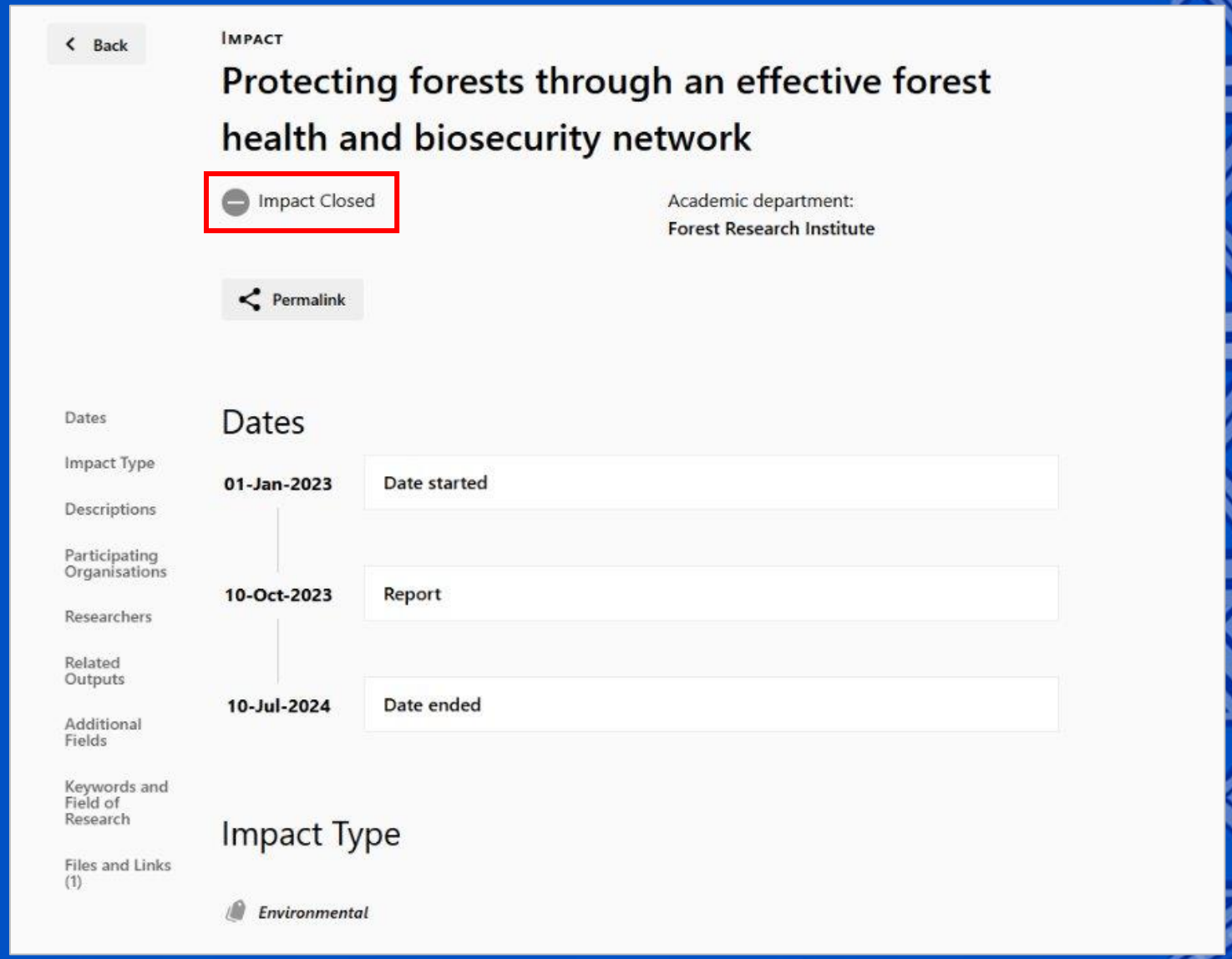
Esploro Configurations



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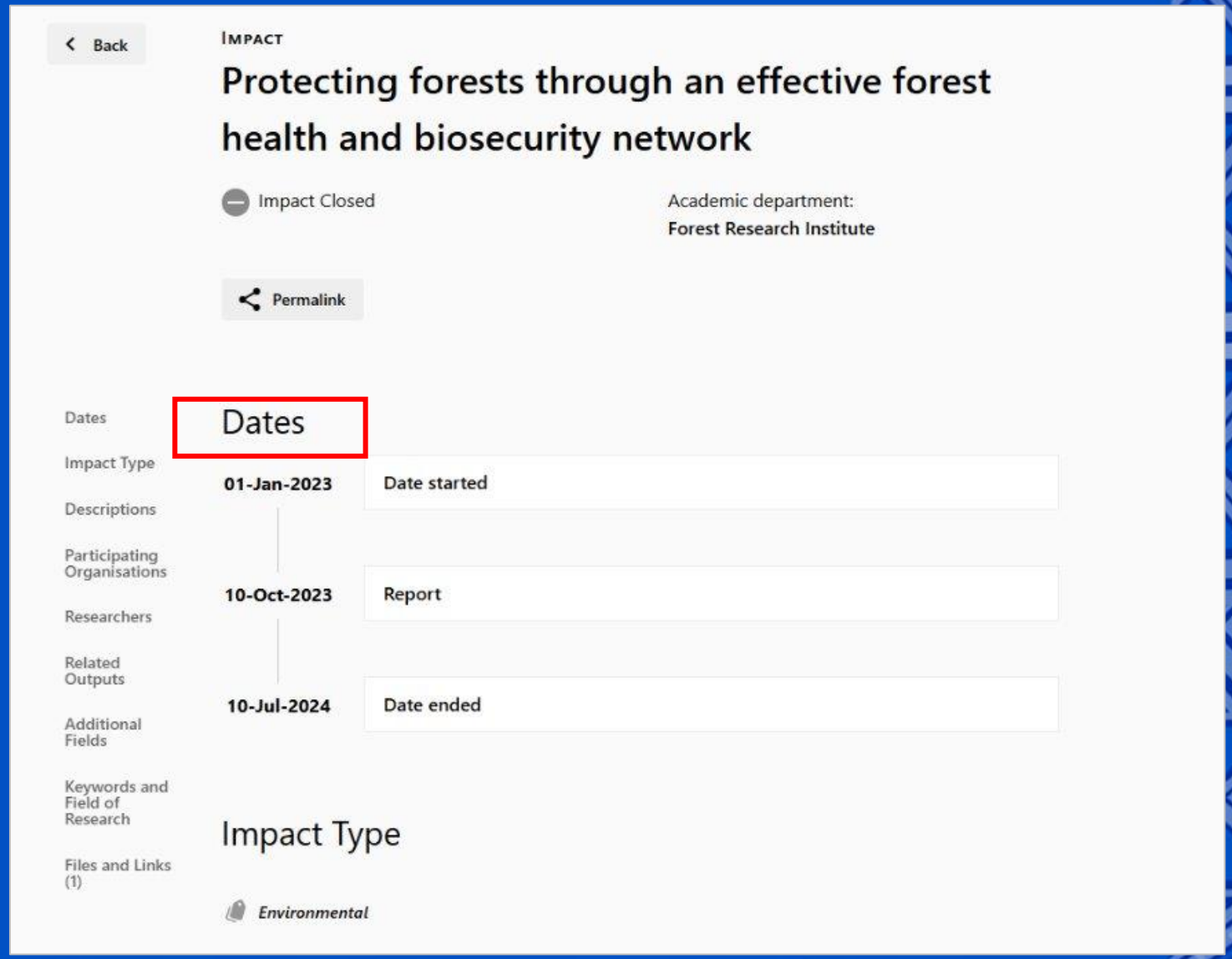

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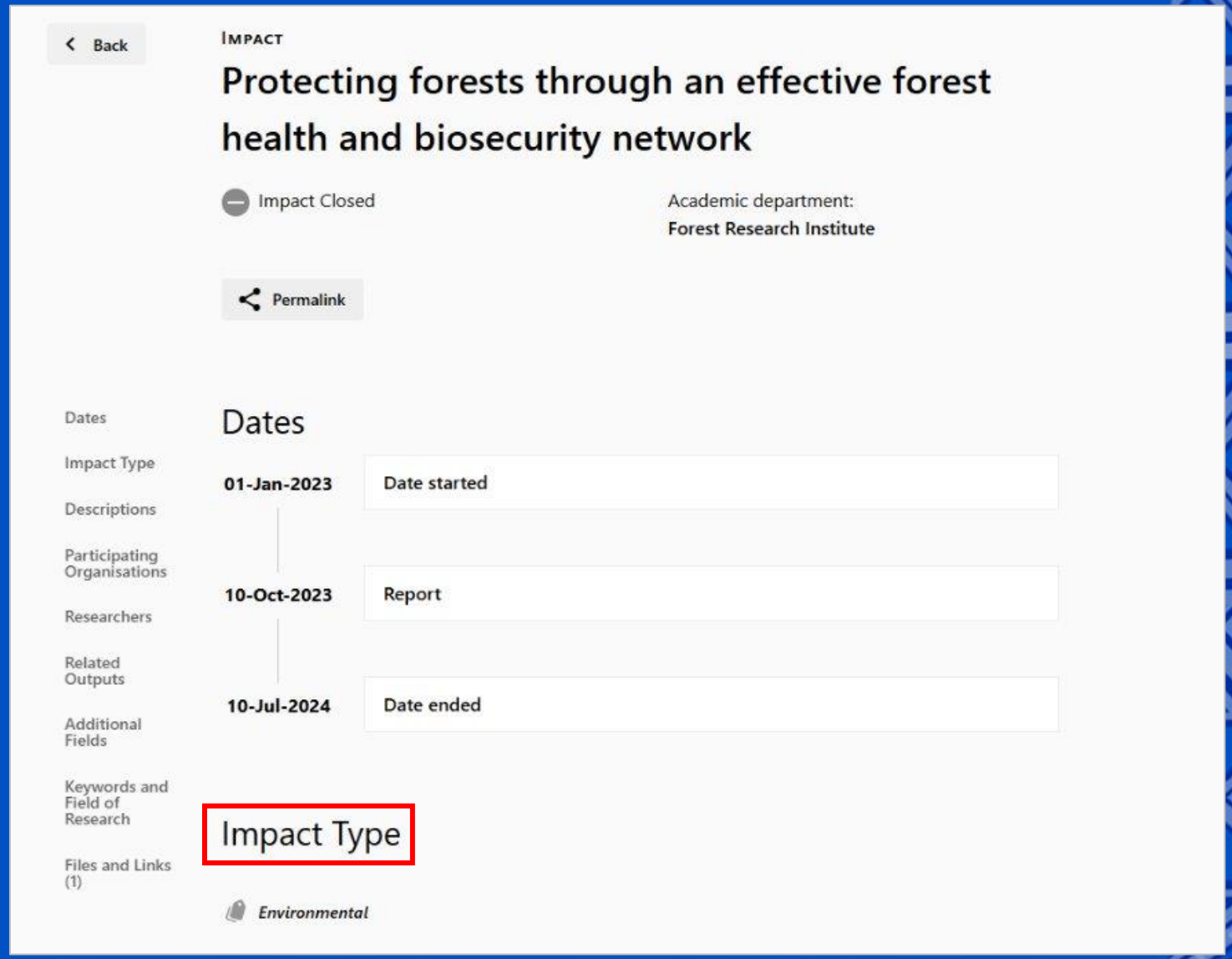

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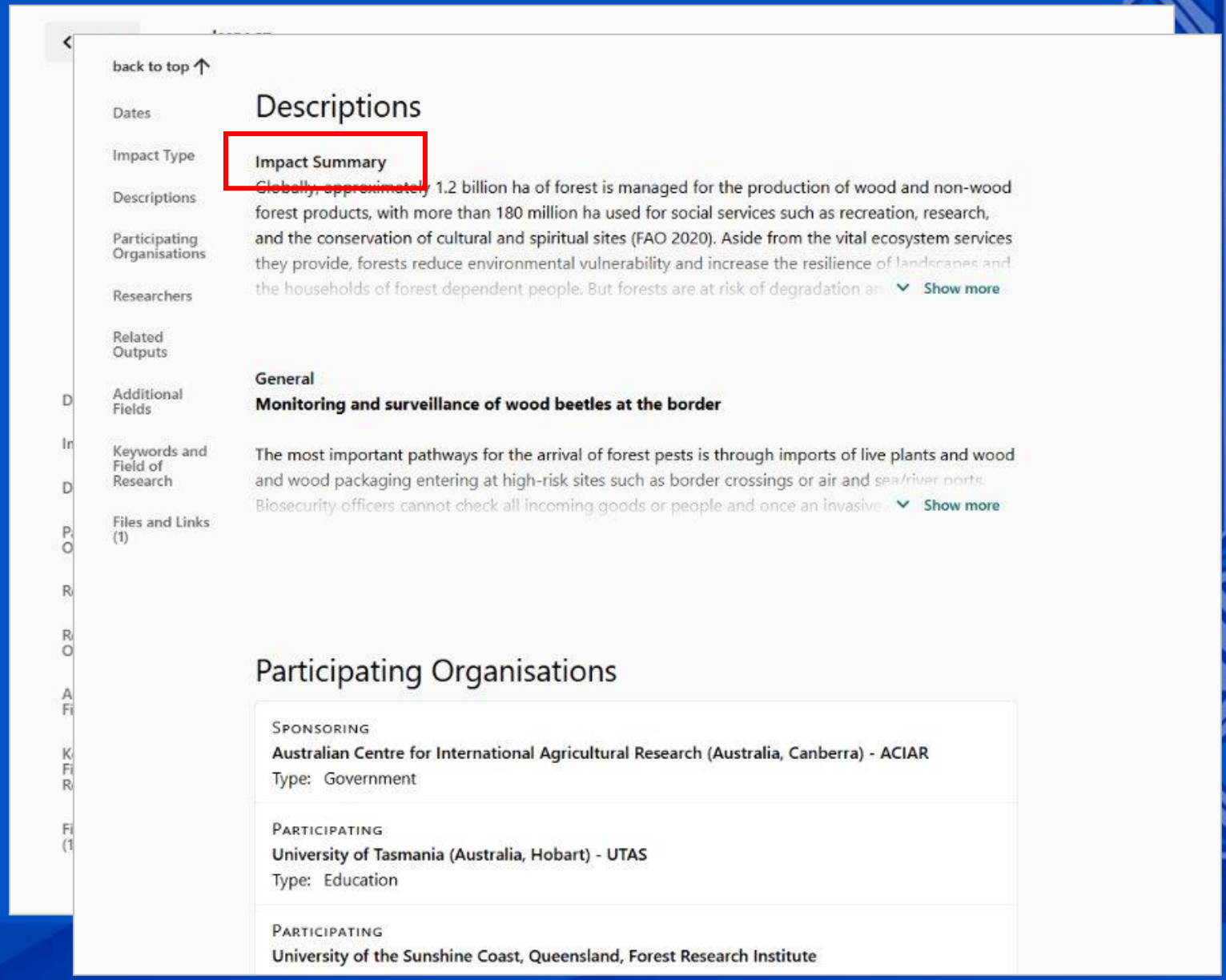

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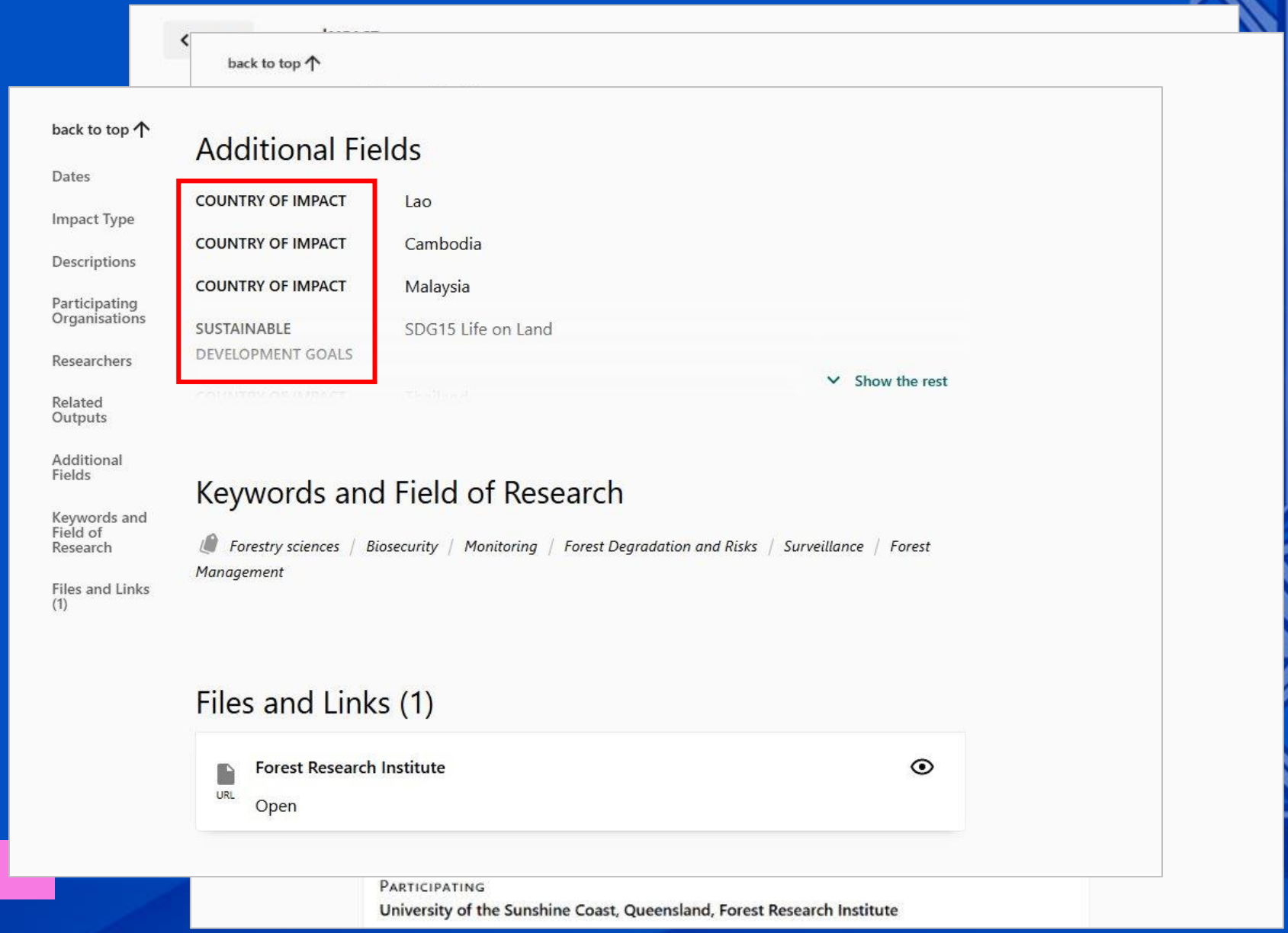

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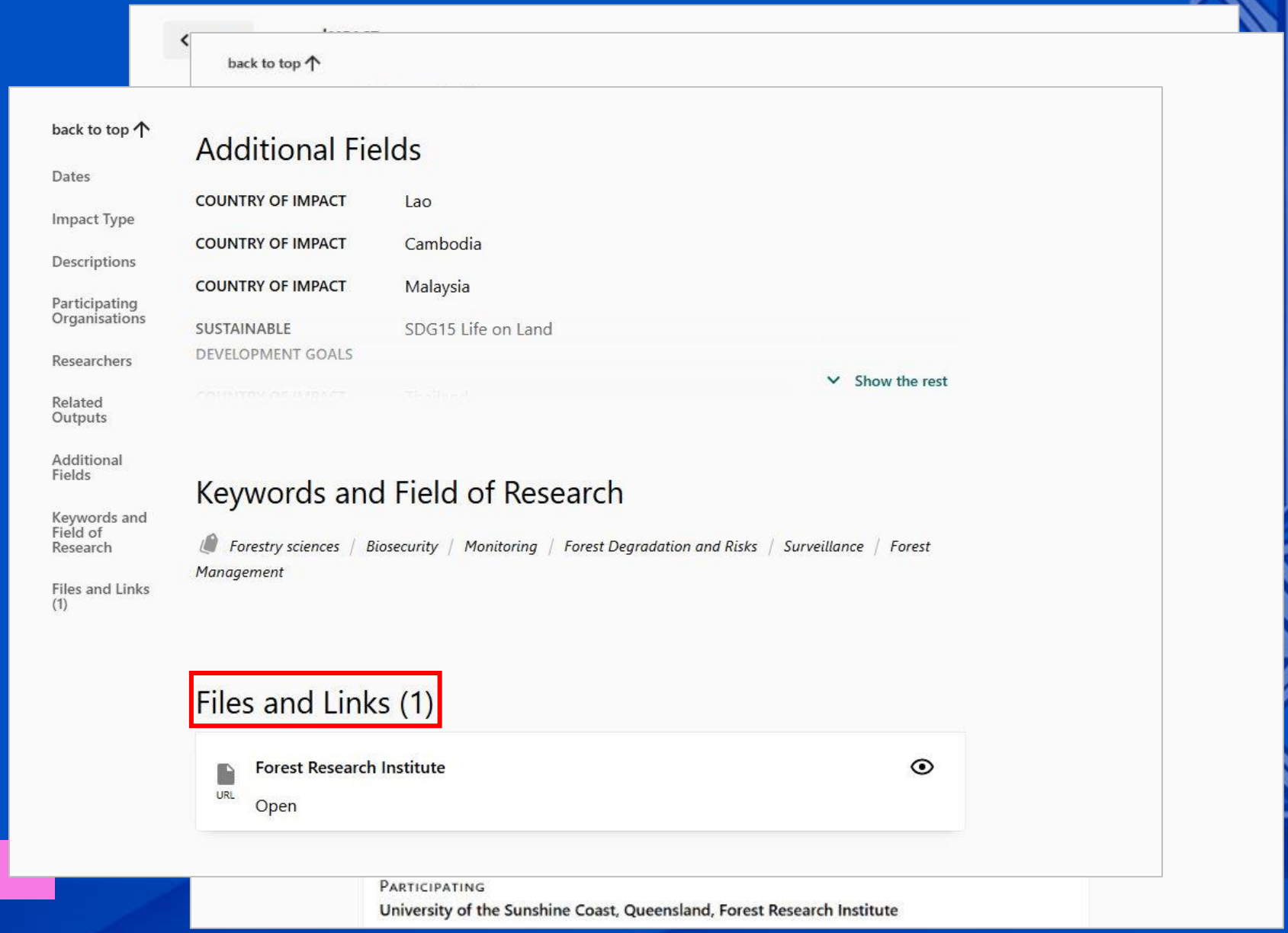

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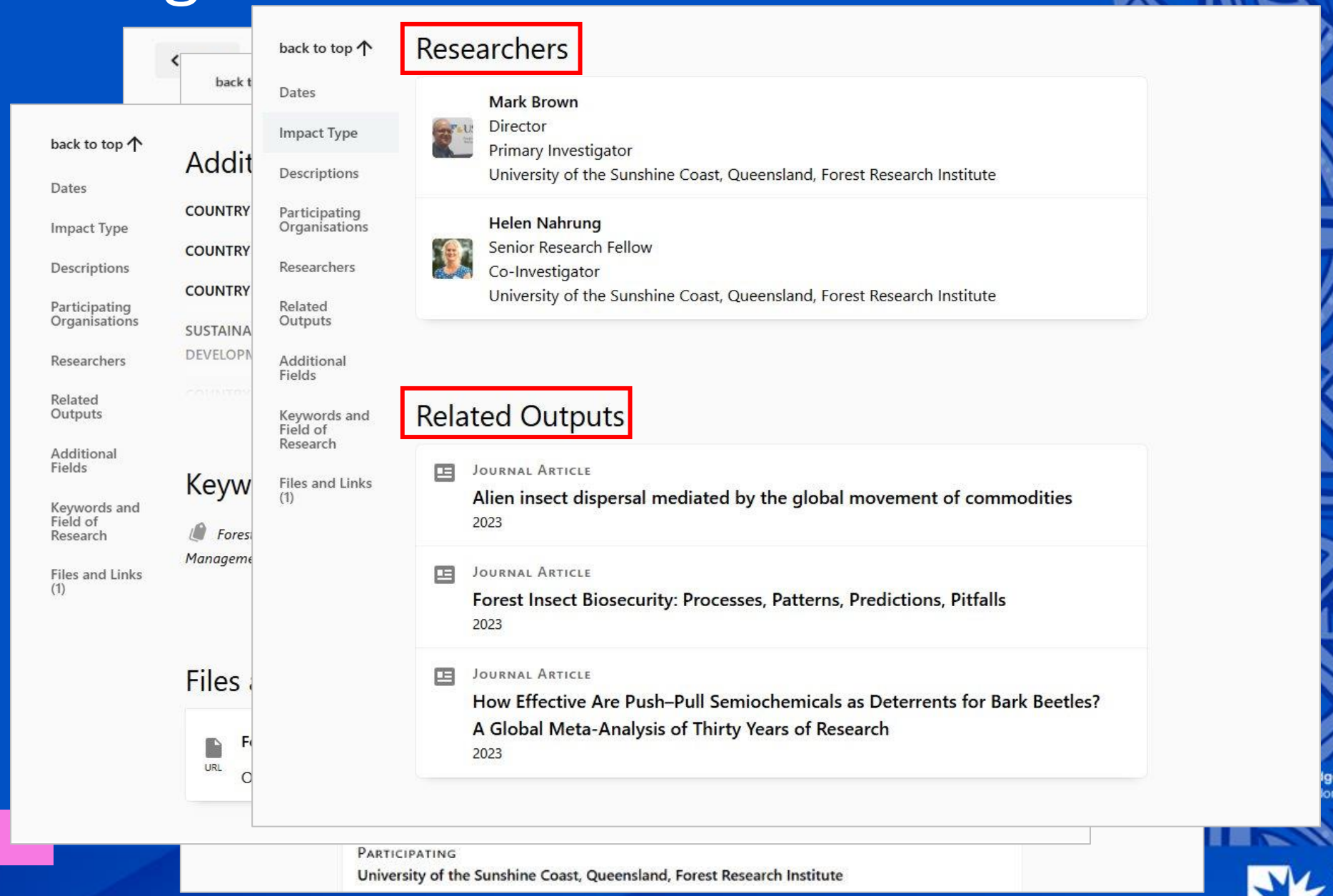

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Esploro Profiles – bringing it all together

Back

Overview | Research Outputs | Grants | Media | Supervision

Maria Raciti

Co-Director, Indigenous and Transcultural Research Centre, University of the Sunshine Coast, Queensland

Social marketing | *Educational inequality* | *Aboriginal and Torres Strait Islander peoples*

About

Biography

Professor Maria Raciti (Kalkadoon-Thaniquith/Bwgcolman) is a social marketer who uses marketing tools and techniques to bring about social justice and behaviour change.

Professor Raciti is co-director of the UniSC Indigenous and Transcultural Research Centre, co-leader of the education and economies theme in the Australian Research Council Centre of Excellence for Indigenous Futures, a member of the executive of the Australian Association of Social Marketing, the 2018 Research Fellow with the National Centre for Student Equity in Higher Education and was part of an Australian Government departmental task force assisting with the 2019 National Regional Rural and Remote Tertiary Education Strategy.

Show more

Engagements

Available for postgraduate supervision

Available for honours supervision

Identifiers

0000-0003-0548-3702

Scopus ID 57190754731

Google Scholar ID GQ8vGGsAAAAJ

Metrics

14255 Total file downloads

125625 Total output views

Email

mraciti@usc.edu.au

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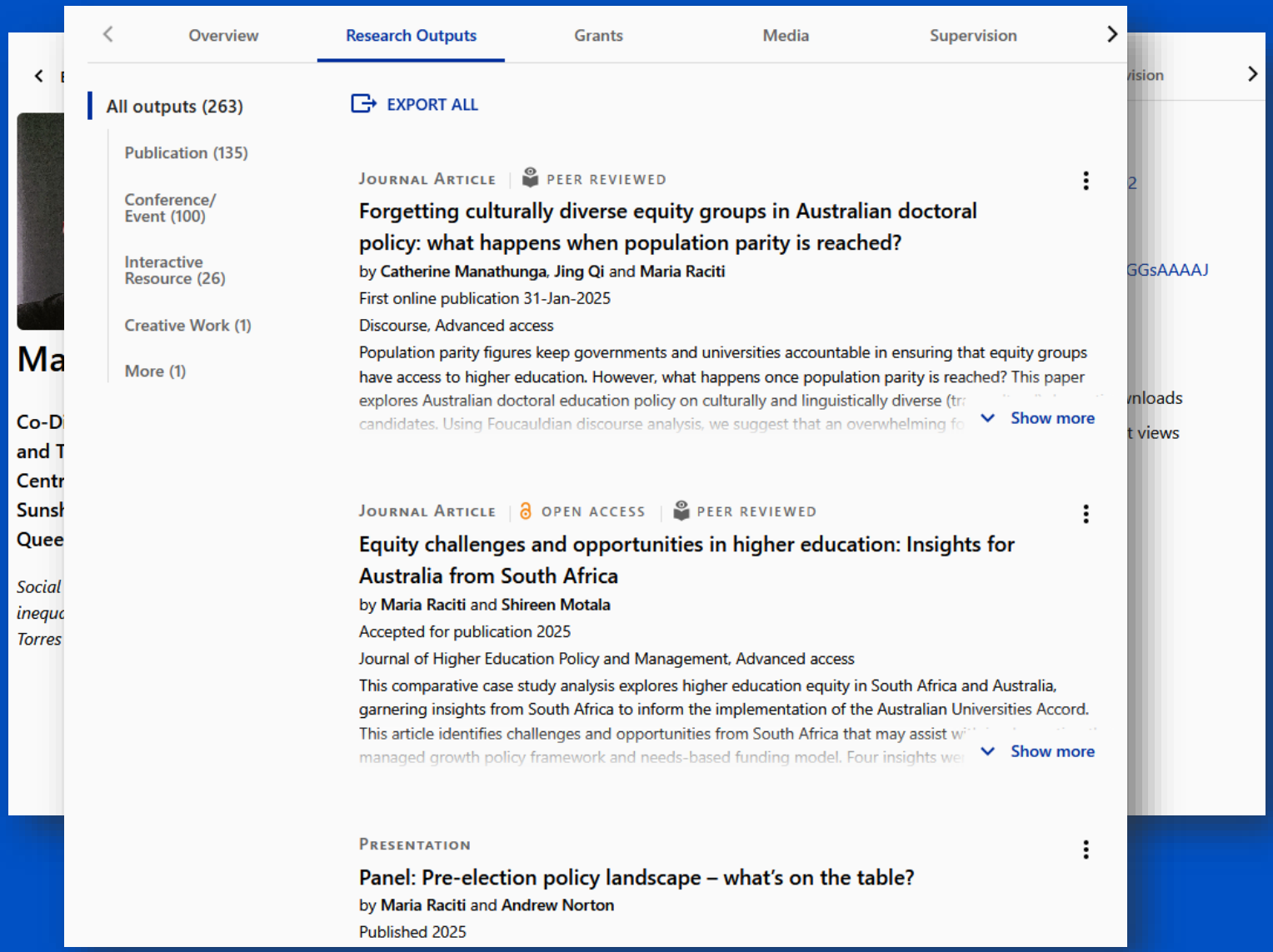
Esploro Profiles – bringing it all together



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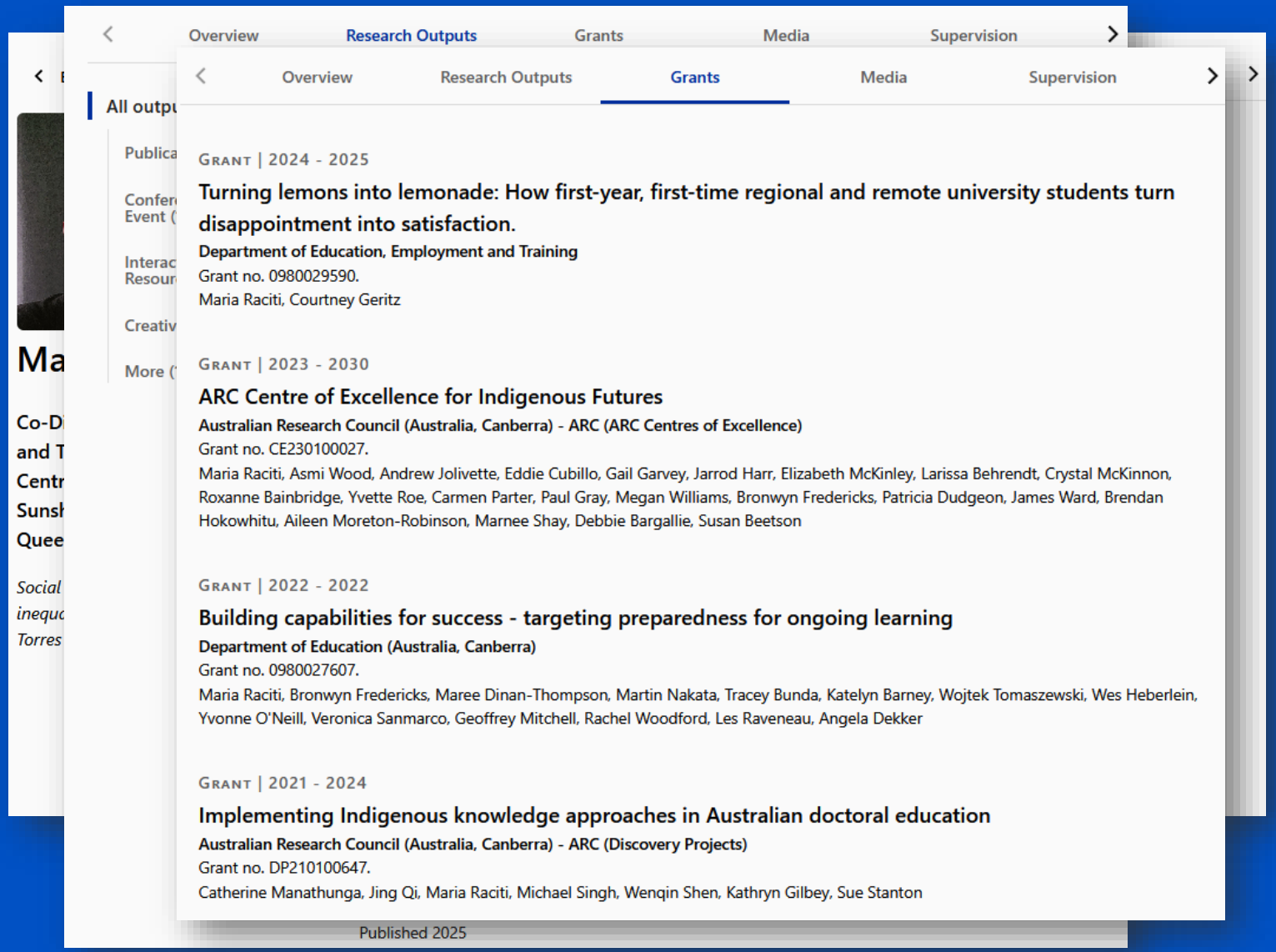

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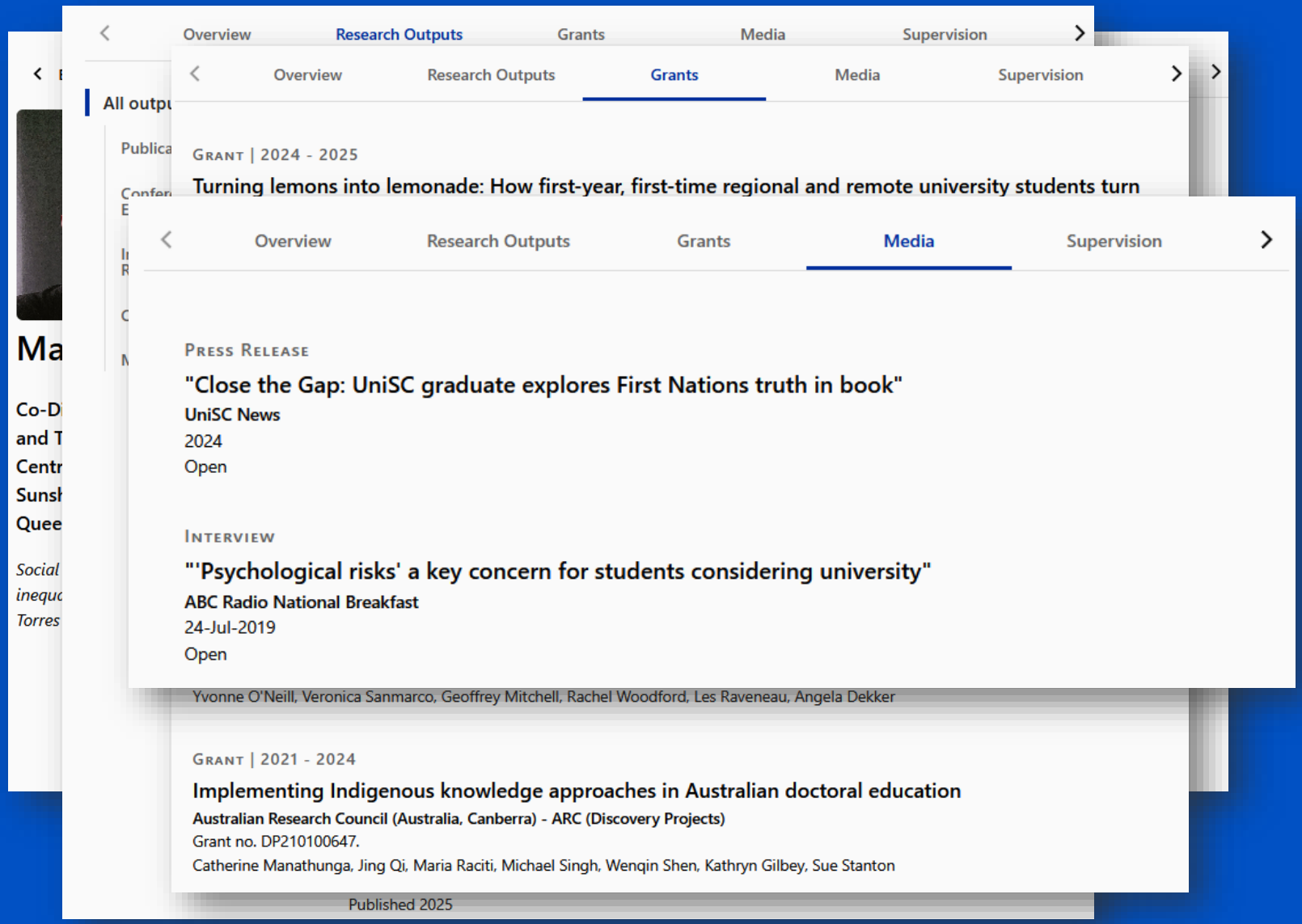

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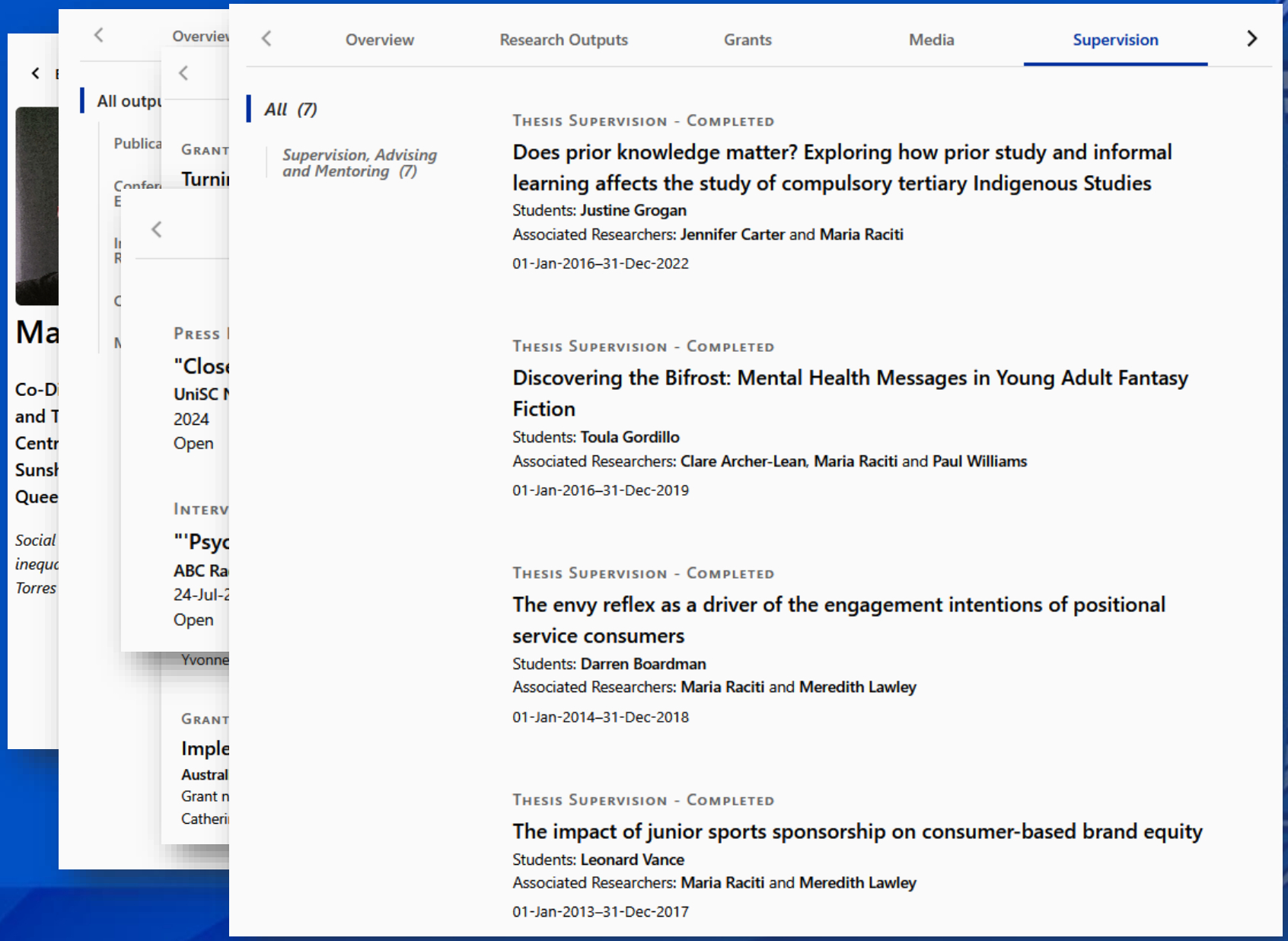

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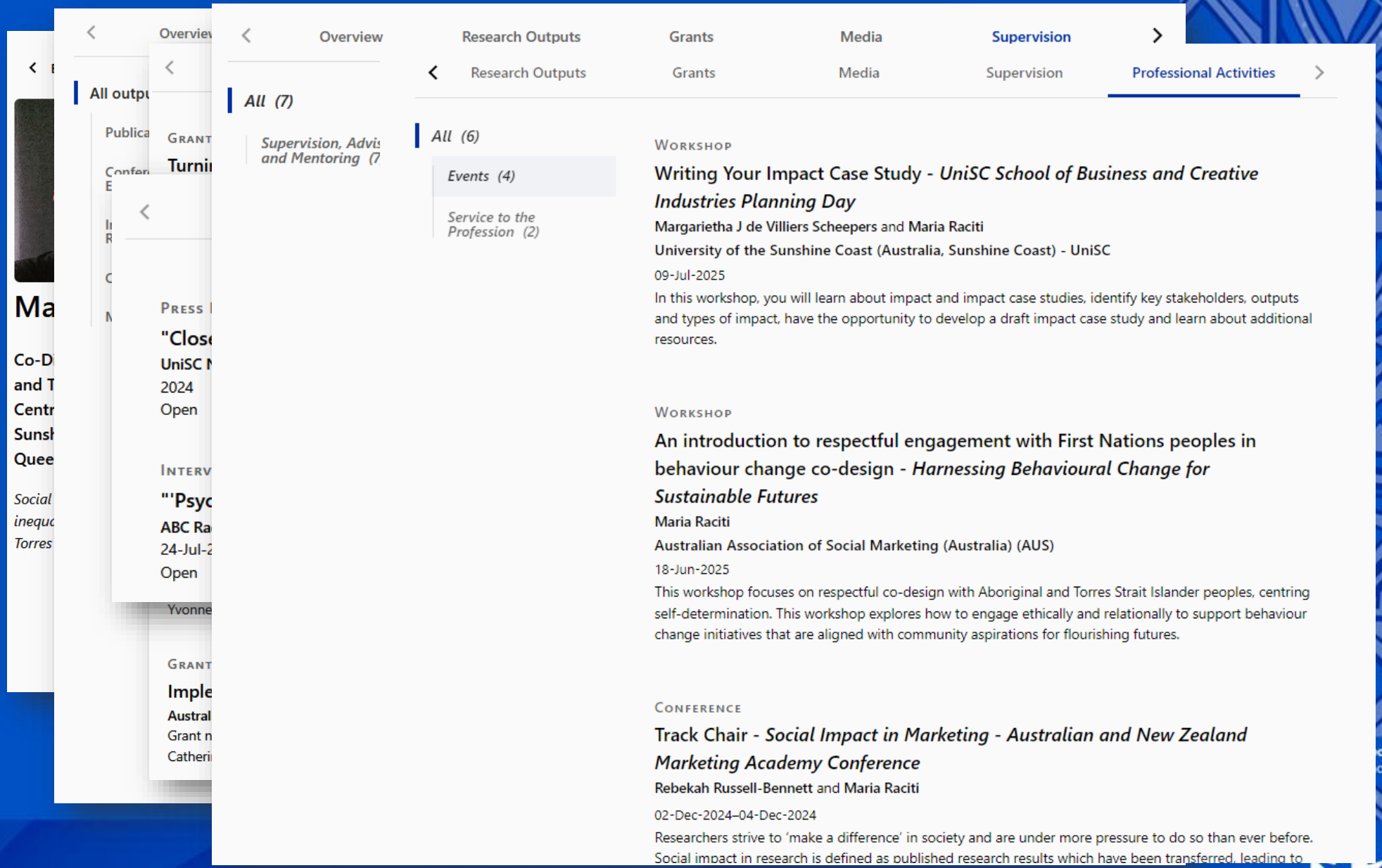

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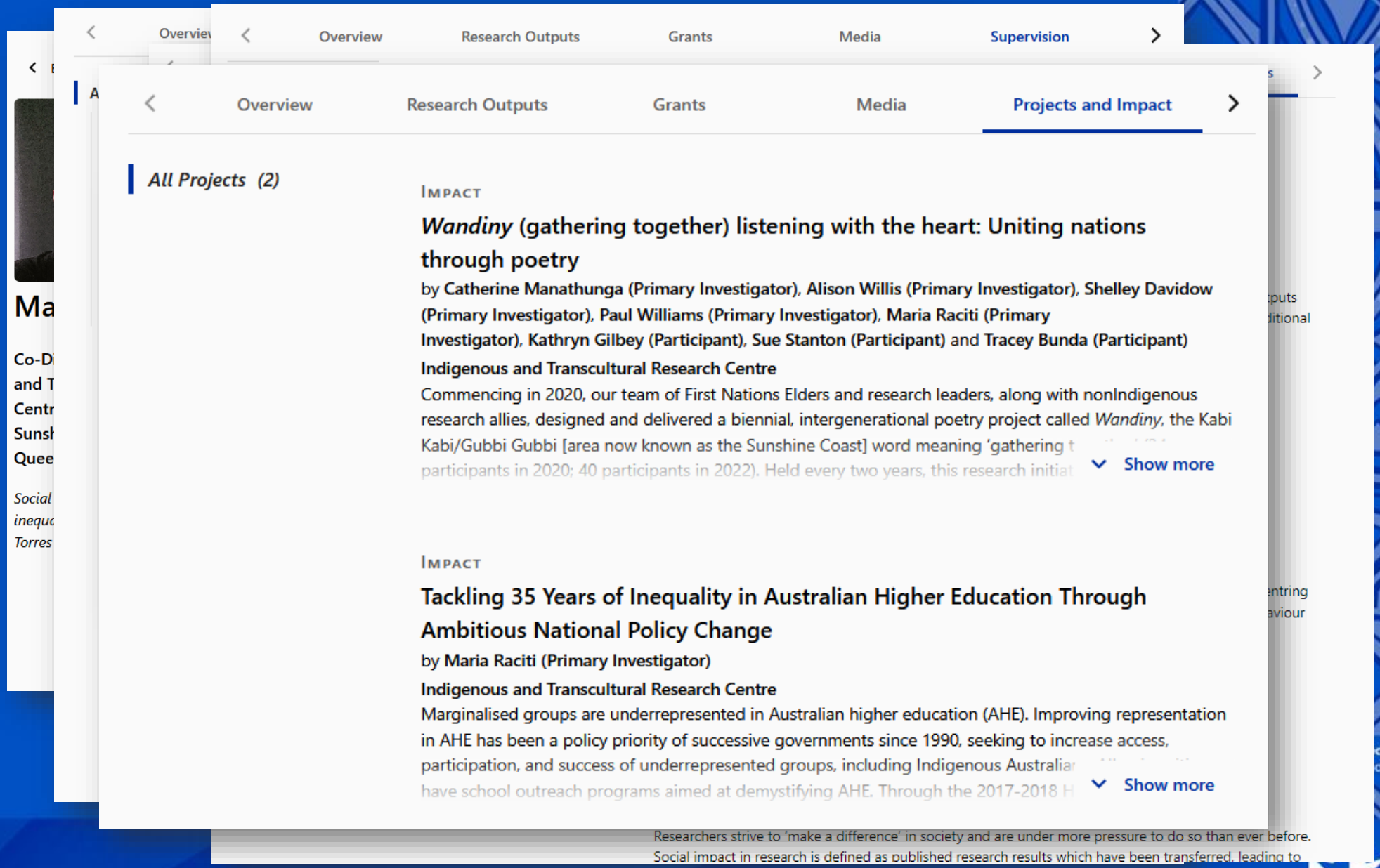
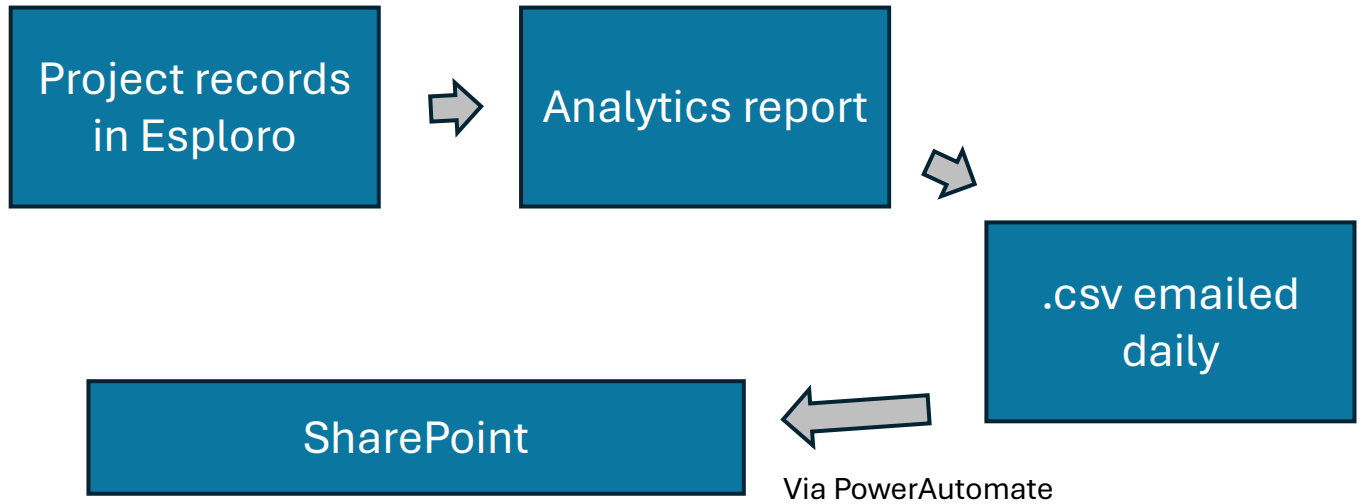


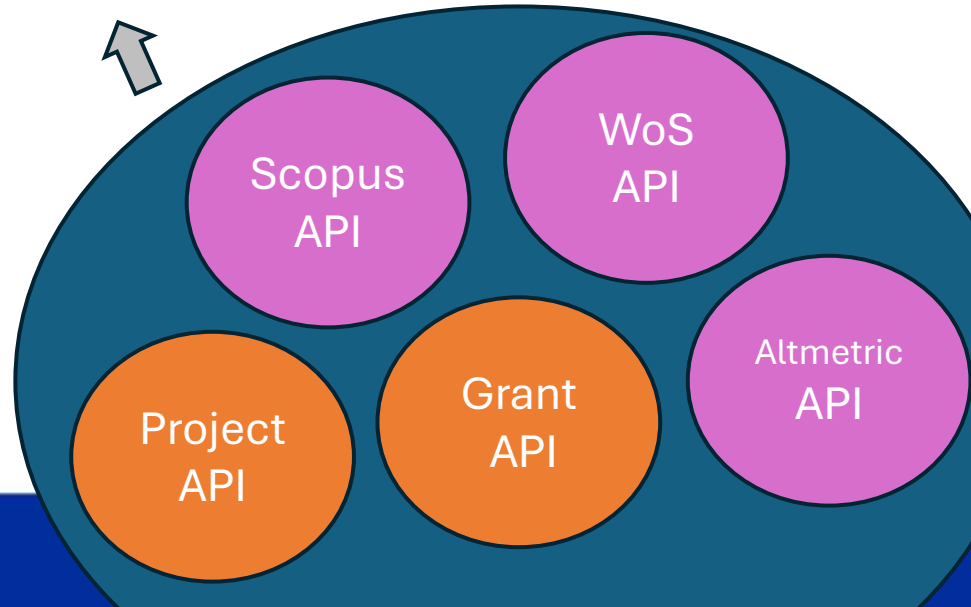
Reporting



PowerBI
scheduled to refresh daily

DataHub

Asset API



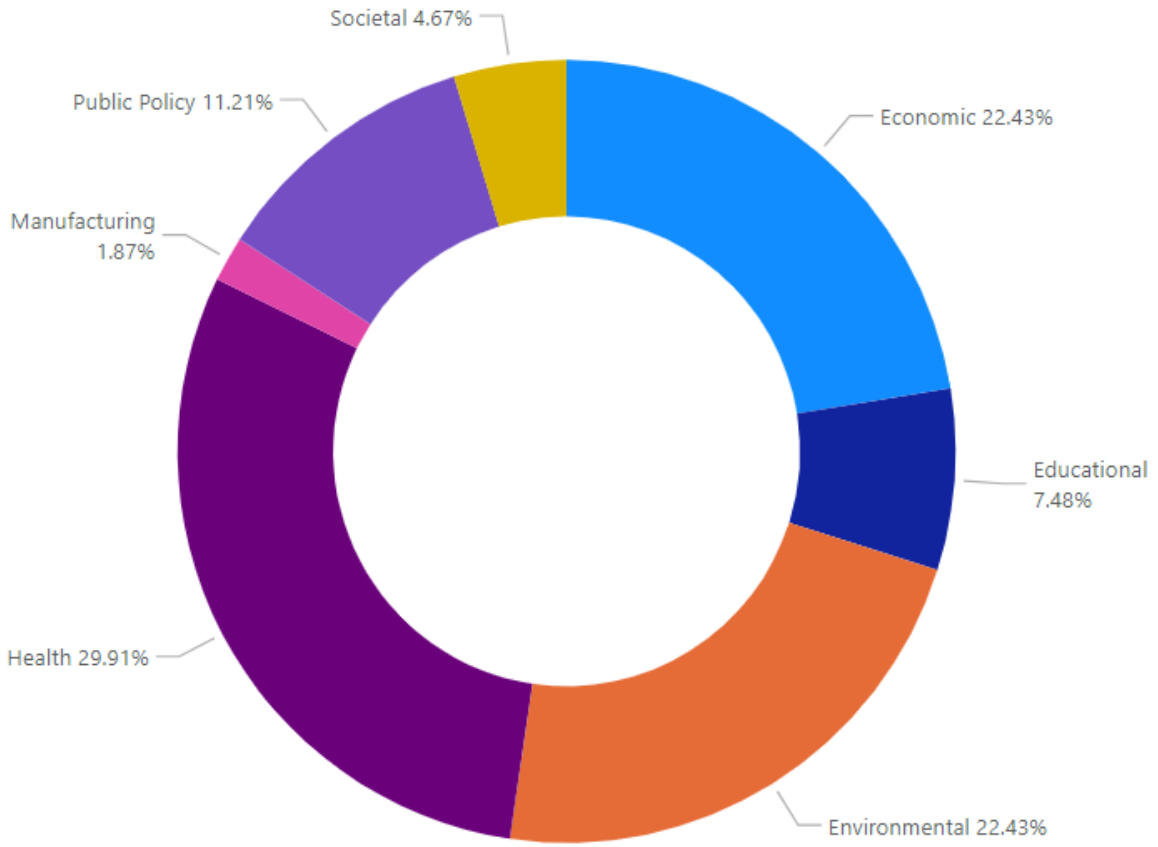
Type of Impact

Researcher Org Unit

All

Impact Attribute Value

All



Impact Name	Impact Internal ID	Impact Update Date	Impact Attributes List
Advanced Mental Health Program	20396956610002621	27/07/2025	Educational; Health; Public Policy
Advancements in rapid isothermal testing for chlamydia and equine herpes	19893428770002621	06/05/2025	Economic; Environmental; Health
Awareness to Action: Supporting Health Professionals to Manage Domestic and Family Violence in Primary Healthcare	20174228130002621	21/06/2025	Educational; Health; Public Policy; Societal
From discovery to impact: revolutionising healthcare	19893628060002621	06/05/2025	Economic; Health
KOALA CONSERVATION BREAKTHROUGH: REVOLUTIONARY VACCINE PROGRAM REVIVES ENDANGERED POPULATIONS	19724525340002621	08/04/2025	Environmental; Health; Public Policy
Novel Resi-tool data processing to predict timber quality	19702068540002621	07/04/2025	Economic; Environmental; Manufacturing
Productivity and efficiency enhancements in the timber industry supply chain	19358871970002621	06/02/2025	Economic; Environmental
Protecting forests through an effective forest health and biosecurity network	19358876950002621	06/02/2025	Environmental
Reducing delays in accurate	19893388410002621	06/05/2025	Economic;

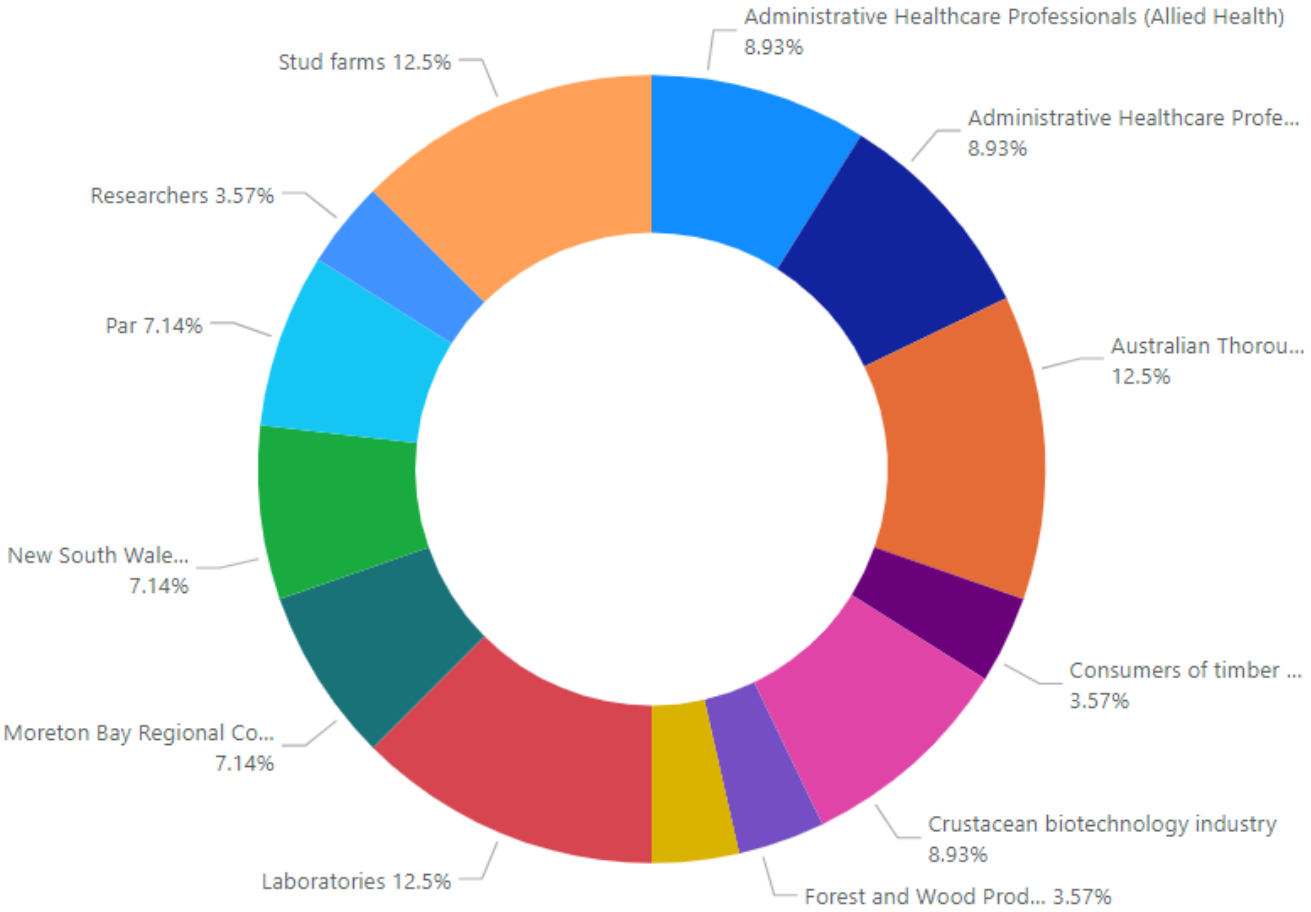
Impact Beneficiaries

Researcher Org Unit

All

Impact Beneficiaries

All



Impact Name	Impact Internal ID	Impact Update Date	Impact Beneficiaries
Advancements in rapid isothermal testing for chlamydia and equine herpes	19893428770002621	06/05/2025	Australian Thoroughbred horse breeding industry
Advancements in rapid isothermal testing for chlamydia and equine herpes	19893428770002621	06/05/2025	Laboratories
Advancements in rapid isothermal testing for chlamydia and equine herpes	19893428770002621	06/05/2025	Stud farms
Awareness to Action: Supporting Health Professionals to Manage Domestic and Family Violence in Primary Healthcare	20174228130002621	21/06/2025	Administrative Healthcare Professionals (Allied Health)
Awareness to Action: Supporting Health Professionals to Manage Domestic and Family Violence in Primary Healthcare	20174228130002621	21/06/2025	Administrative Healthcare Professionals (Ge
Productivity and efficiency enhancements in the timber industry supply chain	19358871970002621	06/02/2025	Consumers of timber products
Productivity and efficiency	19358871970002621	06/02/2025	Forest and Wood Products Australia and its members

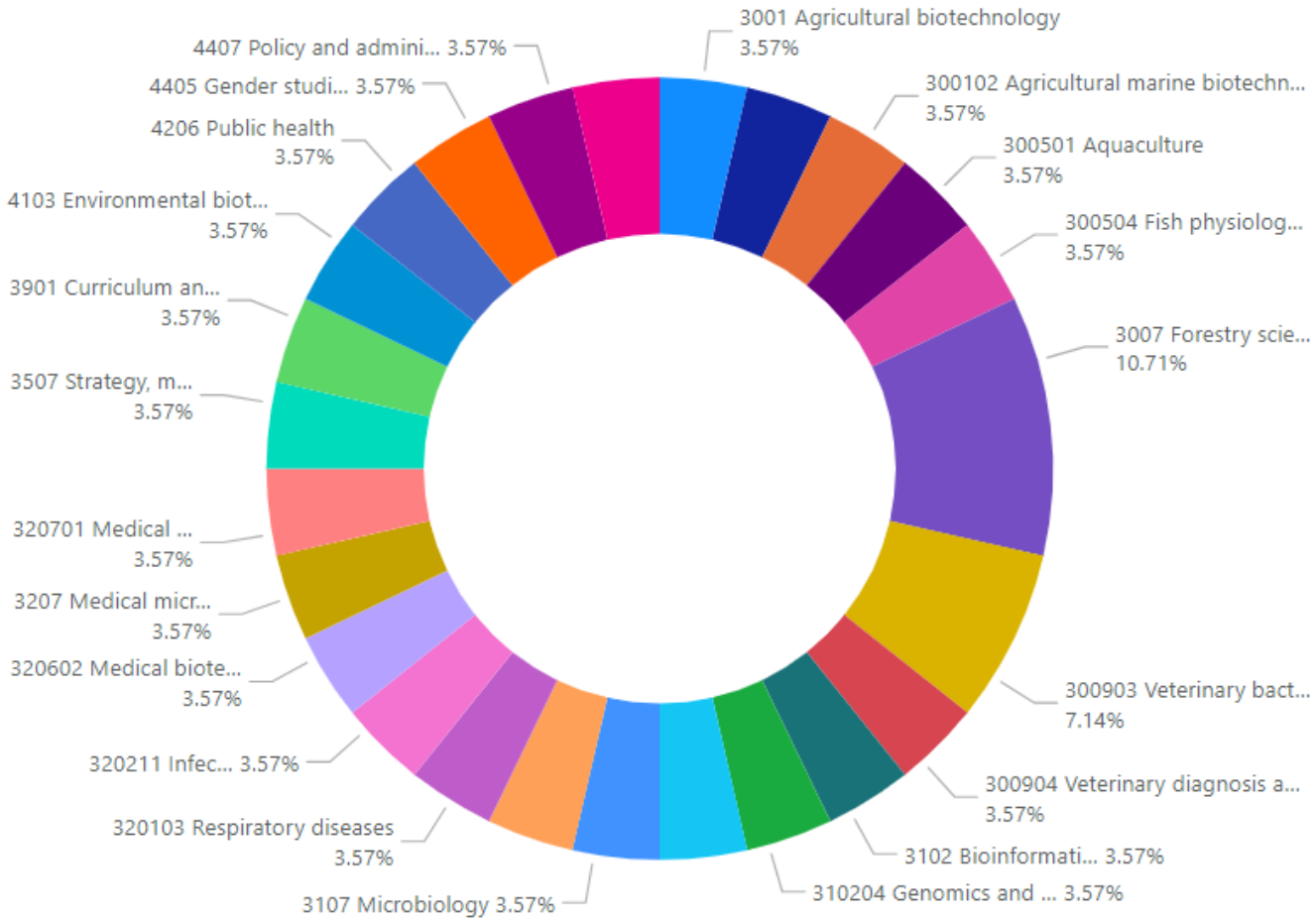
Impact FORs

Researcher Org Unit

All

FOR Name and Code

All



Impact Name	Impact Internal ID	Impact Update Date	FORs
Advancements in rapid isothermal testing for chlamydia and equine herpes	1989342877000 2621	06/05/2025	300101 Agricultural biotechnology diagnostics (incl. biosensors); 300903 Veterinary bacteriology; 300904 Veterinary diagnosis and diagnostics
Awareness to Action: Supporting Health Professionals to Manage Domestic and Family Violence in Primary Healthcare	2017422813000 2621	21/06/2025	3901 Curriculum and pedagogy; 4206 Public health; 4405 Gender studies; 4407 Policy and administration; 470401 Applied linguistics and educational linguistics
From discovery to impact: revolutionising healthcare	1989362806000 2621	06/05/2025	3102 Bioinformatics and computational biology; 310204 Genomics and transcriptomics; 310509 Genomics; 310702 Infectious agents; 320103 Respiratory diseases; 320211 Infectious diseases; 320602 Medical biotechnology diagnostics (incl. biosensors); 3207 Medical microbiology; 320701 Medical bacteriology
Novel Resi-tool data processing to predict timber quality	1970206854000 2621	07/04/2025	3007 Forestry sciences
Productivity and efficiency	1935887197000	06/02/2025	3001 Agricultural

Impact Countries

Researcher Org Unit

All

Country

All

Impact Name	Impact Internal ID	Impact Update Date	Country
effective forest health and biosecurity network	2621		
Protecting forests through an effective forest health and biosecurity network	1935887695000 2621	06/02/2025	Indonesia
Protecting forests through an effective forest health and biosecurity network	1935887695000 2621	06/02/2025	Lao
Protecting forests through an effective forest health and biosecurity network	1935887695000 2621	06/02/2025	Malaysia
Protecting forests through an effective forest health and biosecurity network	1935887695000 2621	06/02/2025	Thailand
Protecting forests through an effective forest health and biosecurity network	1935887695000 2621	06/02/2025	Vietnam
Reducing delays in accurate diagnoses of infectious diseases: the role of low-resource technologies	1989338841000 2621	06/05/2025	Australia
Reducing delays in accurate diagnoses of infectious diseases: the role of low-resource technologies	1989338841000 2621	06/05/2025	Pacific Islands
Supporting Australia's sustainable onshore aquaculture industry into the future	1989359625000 2621	06/05/2025	Australia
Ten-year assessment of a vaccine's effectiveness against chlamydial disease in wild koalas from Southeast Queensland	1989333098000 2621	06/05/2025	Australia

Impact SDGs

Researcher Org Unit

All

SDG Code and Name

All

SDG Code

Impact Name	Impact Internal ID	Impact Update Date	SDG Code and Name
Advancements in rapid isothermal testing for chlamydia and equine herpes	19893428770002621	06/05/2025	SDG 3 Good Health and Well-Being
Advancements in rapid isothermal testing for chlamydia and equine herpes	19893428770002621	06/05/2025	SDG 9 Industry, Innovation and Infrastructure
Awareness to Action: Supporting Health Professionals to Manage Domestic and Family Violence in Primary Healthcare	20174228130002621	21/06/2025	SDG 10 Reduced Inequalities
Novel Resi-tool data processing to predict timber quality	19702068540002621	07/04/2025	SDG 1 No Poverty
Novel Resi-tool data processing to predict timber quality	19702068540002621	07/04/2025	SDG 13 Climate Action
Novel Resi-tool data processing to predict timber quality	19702068540002621	07/04/2025	SDG 14 Life Below Water
Novel Resi-tool data processing to predict timber quality	19702068540002621	07/04/2025	SDG 15 Life on Land
Productivity and efficiency enhancements in the timber industry supply chain	19358871970002621	06/02/2025	SDG 15 Life on Land
Protecting forests through an effective forest health and biosecurity network	19358876950002621	06/02/2025	SDG 15 Life on Land
Supporting Australia's sustainable onshore aquaculture industry into the future	19893596250002621	06/05/2025	SDG 12 Responsible Consumption and Production
Supporting Australia's sustainable onshore aquaculture industry into the future	19893596250002621	06/05/2025	SDG 14 Life Below Water
Supporting Australia's sustainable onshore aquaculture industry into the future	19893596250002621	06/05/2025	SDG 2 Zero Hunger
Supporting Australia's sustainable	19893596250002621	06/05/2025	SDG 3 Good Health and Well-

Impact Assets

Researcher Org Unit: All

Impact Name: Advancements in rapid isothermal testin...

Impact ID	Impact Name	Asset Type	Authors	Publication Title	Journal/Book Title	Scopus Citations	WoS Citations	Altmetric Score
19893428770002621	Advancements in rapid isothermal testing for chlamydia and equine herpes	ETD-Doctoral	Anstey, Susan; Jelocnik, Martina	Understanding the epidemiology of Chlamydia psittaci in Thoroughbred mares and their newborn foals				0
19893428770002621	Advancements in rapid isothermal testing for chlamydia and equine herpes	Journal article	Anstey, S I; Jenkins, C; Jelocnik, M	Suspected chlamydial foetal loss highlights the need for standardised	Australian Veterinary Journal	1	2	4
19893428770002621	Advancements in rapid isothermal testing for chlamydia and equine herpes	Journal article	Jel An Tar An Ch					
19893428770002621	Advancements in rapid isothermal testing for chlamydia and equine herpes	Journal article	Jer Mi Tay R; I Ch Pol					
19893428770002621	Advancements in rapid isothermal testing for chlamydia and equine herpes	Journal article	Clu Vas Ma					
19893428770002621	Advancements in rapid isothermal testing for chlamydia and equine herpes	Journal article	Jel Ma Bra Pol					

Impact Grants

Researcher Org Unit: All

Impact Name: All

Impact Internal ID	Grant Name	Funding Body	Fund Scheme
19893628060002621	An observational study of ceftolozane-tazobactam continuous infusion in the treatment of cystic fibrosis and non-cystic fibrosis bronchiectasis	Merck Sharp Dohme	None
19695651880002621	ARC Centre of Excellence for Indigenous Futures	Australian Research Council (Australia, Canberra) - ARC	ARC Centres of Excellence
19893330980002621	Coomera connector koala vaccine project	Queensland Department of Transport and Main Roads (Australia, Brisbane) - TMR	None
19724525340002621	Development of a Chlamydia vaccine for koalas	Australian Department of Climate Change and Energy Efficiency	None
19893428770002621	On the brink of infectious disease spill-over: From parrots to horses to humans	Australian Research Council (Australia, Canberra) - ARC	Discovery Early Career Researcher Award
19893628060002621	Pseudomonas aeruginosa bloodstream infections, clinical outcomes, resistance mechanisms and virulence	Wishlist (Australia, Sunshine Coast)	None
19893428770002621	Rapid diagnosis of rattles and strangles	Rural Industries Research and Development Corporation	None
19893596250002621	The ARC Research Hub for Sustainable Lobster Aquaculture	Australian Research Council (Australia, Canberra) - ARC	Industrial Transformation Research Hubs
19893628060002621	THE BRONX STUDY: Using Meta-Omics to Advance Precision-Based Bronchiectasis Management	Wishlist (Australia, Sunshine Coast)	None
19893628060002621	The LAMp-LC study: illuminating the Lung-Airway Microbiome and its impact on Lung Cancer development, progression, and treatment response	Queensland Health (Australia, Brisbane)	None
19358871970002621	Understanding the importance of lianas for forest health and management	Australian Research Council (Australia, Canberra) - ARC	ARC Future Fellowships
19893628060002621	Using metagenomics to improve antimicrobial resistance detection and treatment in chronic obstructive pulmonary disease (COPD)	National Health and Medical Research Council (Australia, Canberra) - NHMRC	None
19695651880002621	Widening Regional and Remote Participation: Interrogating outreach programs across Queensland	Department of Education and Training (Australia, Canberra)	None

Researcher feedback

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Summary

Advantages

- Everything in one system - no need for an additional system to store impact stories
- Esploro is a one-stop solution for researchers, offering a comprehensive profile in a single platform
- The project entity allows researchers to seamlessly add impact evidence as their project evolves. Then make it public when ready.

Challenges

- System is not designed for research impact records
- Limited configuration options – not as customisable as desired
- Lack of mediation – there is no review process before a researcher publishes or edits a public project record

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Future enhancements

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Wish list

Workflow approvals for projects and other (non-asset) entities, as well as researcher profile edits

Custom field controls to enable mandatory fields and greater degree of customisation for non-standard fields

Better SDG integration for projects

Improved reporting for projects metadata and related entities

Researcher submission of Media Mentions
(2025 CERV enhancement)

Thank you!

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Lyndon Davis