

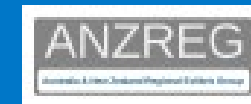


# A Tale of Three Cities : Esploro Early Adoption at the University of the Sunshine Coast

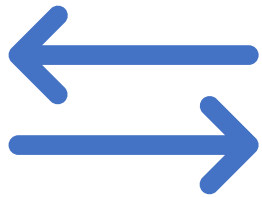
Meredith Mooi, Systems & Technologies Manager  
MMooi@usc.edu.au



ANZREG Conference – 14 October 2020



# Outline



Migration



**Enablement**



Next Steps

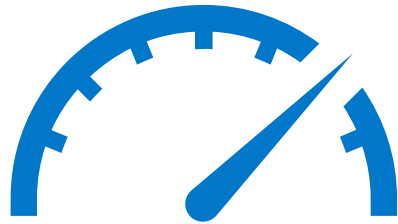
# About USC

- Australian regional university, main campus on the Sunshine Coast, QLD
- Rapidly growing – 5 campuses, 16,000 students, 6 Schools, 12 research centres, 450 researchers
- Alma, Primo, Leganto and now Esploro



- Expansion of Library support and services – research and archive collections, research support
- Manual processes for research output submission, researcher profiles; siloed systems

# Project Scope & Why we chose Esploro



- Replacement of the institutional repository
- Workflow efficiencies
- Analytics and reporting
- Improved integration with corporate and external systems



- Leveraging Alma platform & staff expertise
- Familiarity with a known vendor, faster implementation
- Early adopter: discount + opportunity to influence Esploro's development

# Migration – where we came from



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- Migrated from VITAL repository system
- Limitations of VITAL meant we duplicated data in MS Access i.e. just so we could run reports
- Workflows were very manual and extremely inefficient
- Little to no opportunity for devolving work across teams
- Little to no capability for system integrations
- Manual creation/update of researcher profile pages
- Research deposit via email

# Migration – what we have now

- Research output management via Alma/Esploro
- Two discovery portals:
  - Research outputs
  - Researcher profiles
- Researcher deposit via researcher profiles portal
- Researcher profiles, DIY or facilitated
- Mediated deposit workflows, automatic data capture (DOI)
- Analytics
- Open system – API integration capability for researcher records, assets and analytics
- More developments to come – projects, grants



# Enabling Researchers

A portrait of Abigail Elizur, a woman with dark hair and glasses, wearing a red top.

**Abigail Elizur**  
Director  
GeneCology  
Research Centre

 *Agricultural  
Marine*

*Biotechnology / Animal Cell and  
Molecular Biology / Animal  
Developmental and Reproductive  
Biology / Aquaculture / Genomics*


A portrait of Jim Lagopoulos, a man with dark hair and glasses, wearing a suit and tie.

**Jim Lagopoulos**  
Director Thompson  
Institute

 *Neuroimaging /  
Youth mental  
health / Healthy brain ageing and  
dementia / Post traumatic stress  
disorder / Traumatic brain injury*

- Researcher profile portal
  - Seamless self deposit
  - Researcher profiles – DIY updates
  - Proxy access for deposits and profile updates
  - Highlighting research outputs
  - Metrics
- Researcher Identifiers – ORCID, ScopusID, etc.
- Global exposure – Google Scholar, BASE, ORCID, etc.

# Enabling Researchers



**Jim Lagopoulos**  
Director, Thompson Institute, University of the Sunshine Coast, Queensland

*Neuroimaging / Youth mental health / Healthy brain ageing and dementia / Post traumatic stress disorder / Traumatic brain injury*

Overview
Research Outputs

All outputs (252) [EXPORT ALL](#)

- Publication (250)
  - Journal article (217)
  - Abstract (25)
  - Letter/Communication (1)
  - Book chapter (2)
  - Editorial (2)
  - Book (1)
  - Conference/Event (2)

JOURNAL ARTICLE

**Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort**

by L Tozzi, Lisa Garczarek, Deborah Janowitz, Dan J Stein, Katharina Wittfeld, Henrik Dobrowolny, Jim Lagopoulos, Sean N Hatton, Ian B Hickie and Angela Carballo ... (60 authors)

Psychological Medicine, 50, 6, 1020 - 1031  
Published 2020


BACKGROUND: Childhood maltreatment (CM) plays an important role in the development of major depressive disorder (MDD). The aim of this study was to examine whether CM severity and type are

JOURNAL ARTICLE

**Manual and semi-automated delineation of locally advanced rectal cancer subvolumes with diffusion-weighted MRI**

by Nathan Hearn, William Bugg, Anthony Chan, Dinesh Vignarajah, Katelyn Cahill, Daisy Atwell, Jim Lagopoulos and Myo Min

British Journal of Radiology, 93, 1114, 1 - 10  
Published 2020



**Abigail Elizur**  
Director, GeneCology Research Centre, University of the Sunshine Coast, Queensland

*Agricultural Marine Biotechnology / Animal Cell and Molecular Biology / Animal Developmental and Reproductive Biology / Aquaculture / Genomics*

Overview
Research Outputs

All outputs (235) [EXPORT ALL](#)

- Publication (169)
  - Journal article (153)
  - Abstract (11)
  - Book chapter (3)
  - Encyclopedia entry (2)
  - Conference/Event (65)
  - Posted Content (1)

JOURNAL ARTICLE

**NextGen molecular barcoding of larval grouper diet in an extensive green-water pond system**

by Lachlan Dennis, Kelli Anderson, Matthew J Wylie, Vu In, Josephine Nocillado and Abigail Elizur

Aquaculture, Article in press  
Accepted for publication 2020

Molecular barcoding and next generation amplicon sequencing were used to investigate the diet of the larvae of two species: tiger (Epinephelus fuscoguttatus) and hybrid (E. lanceolatus x E.

JOURNAL ARTICLE

**CrustyBase: an interactive online database for crustacean transcriptomes**

by Cameron J Hyde, Quinn P Fitzgibbon, Abigail Elizur, Gregory G Smith and Tomer Ventura

BMC Genomics, 21, 1 - 10  
Published 2020

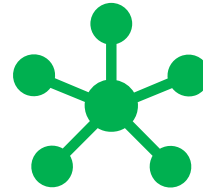
Transcriptome sequencing has opened the field of genomics to a wide variety of researchers, owing to its efficiency, applicability across species and ability to quantify gene expression. The resulting da



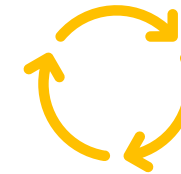
# Enabling Library Staff



Change driving process  
review



Devolved workflows, multi-skilling,  
reduction in point sensitivity

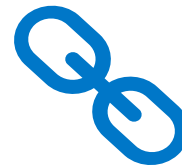


Efficient workflows, elimination  
of backlog

# Enabling Library Staff



Library support for researchers,  
research centres

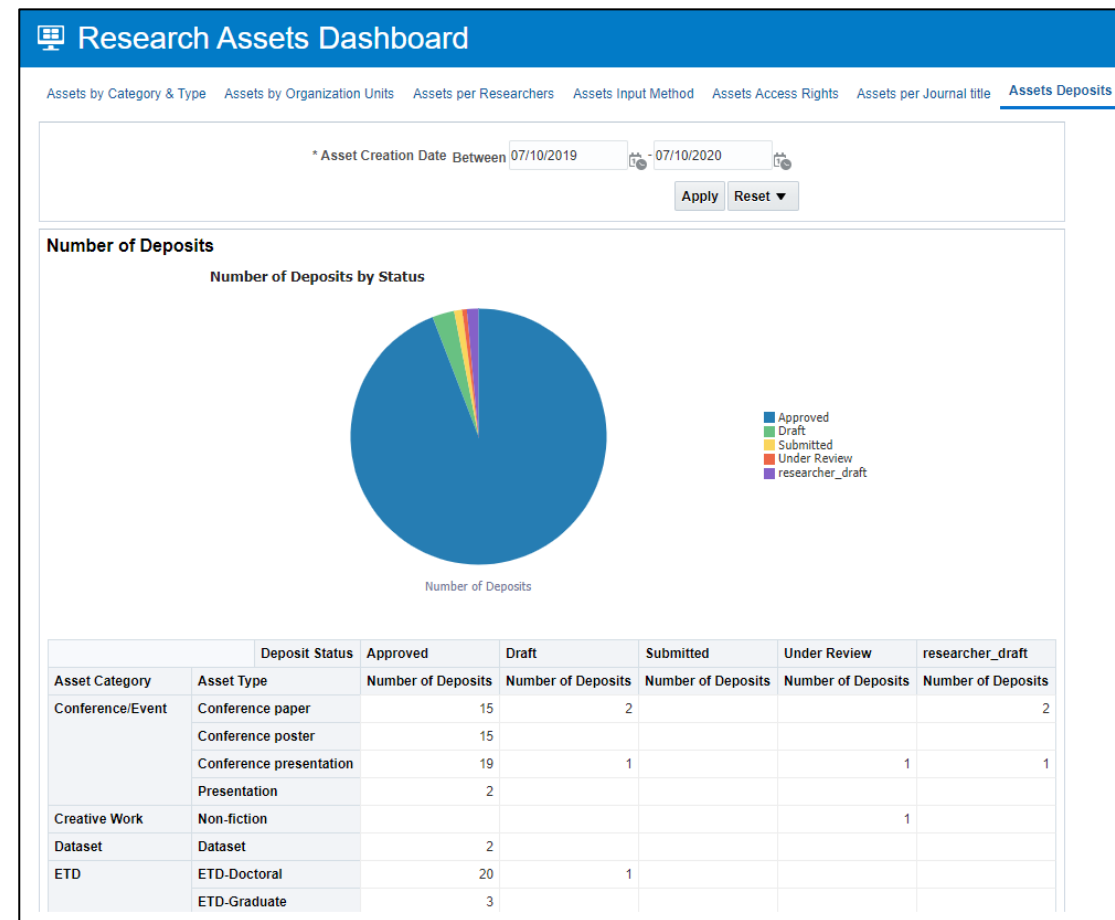
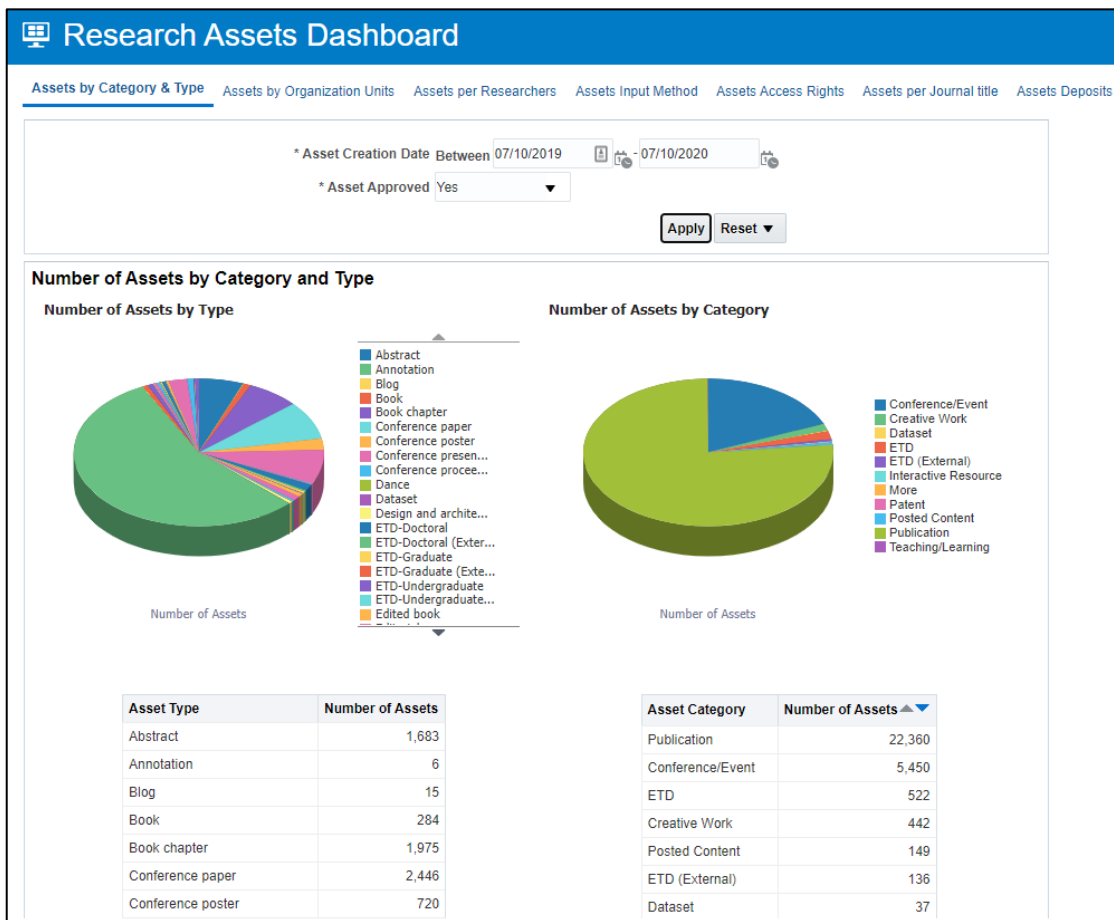


Better linkages between  
Library and Office of  
Research, researchers

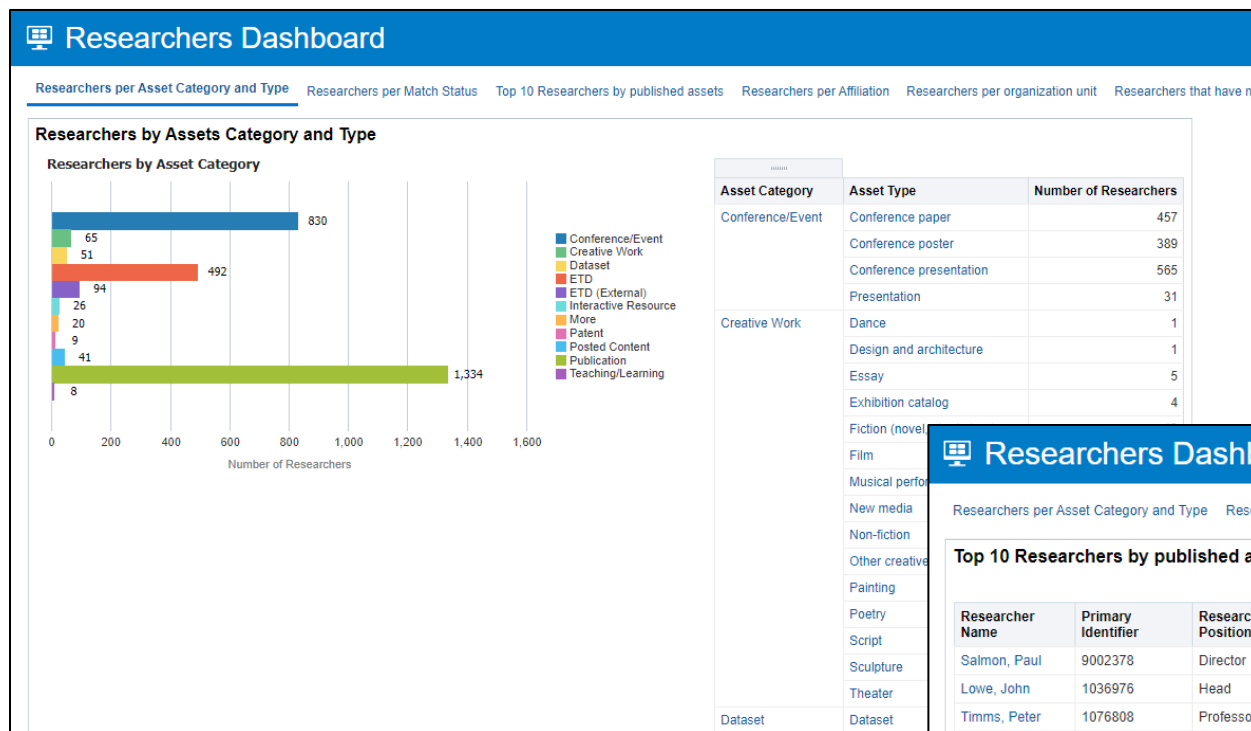


Improved analytics for University  
reporting, ERA

# Enabling – Analytics



# Enabling – Analytics



**Researchers Dashboard**

Home | Catalog | Favorites | Dashboards | Create | Open

Researchers per Asset Category and Type | Researchers per Match Status | **Top 10 Researchers by published assets** | Researchers per Affiliation | Researchers per organization unit | Researchers that have m

### Top 10 Researchers by published assets

Researcher Name	Primary Identifier	Researcher Position	Current Internal Organization Affiliations Names List	Current External Organization Affiliations Names List	Number of Assets
Salmon, Paul	9002378	Director	Centre for Human Factors and Sociotechnical Systems		515
Lowe, John	1036976	Head	School of Health and Sport Sciences		313
Timms, Peter	1076808	Professor	GeneCology Research Centre		294
Hermens, Daniel	9006129	Professor	Thompson Institute		276
Prenzler, Tim	9003927	Professor	School of Law and Criminology		255
Lagopoulos, Jim	9004655	Director	Thompson Institute		253
Elizur, Abigail	1020694	Director	GeneCology Research Centre		252
Burkett, Brendan	1009022	Professor	High Performance Sport		241
Inayatullah, Sohail	1017768		School of Social Sciences		238
Southgate, Paul	9004006	Professor	Australian Centre for Pacific Islands Research; School of Science and Engineering		230

# Enabling – Analytics

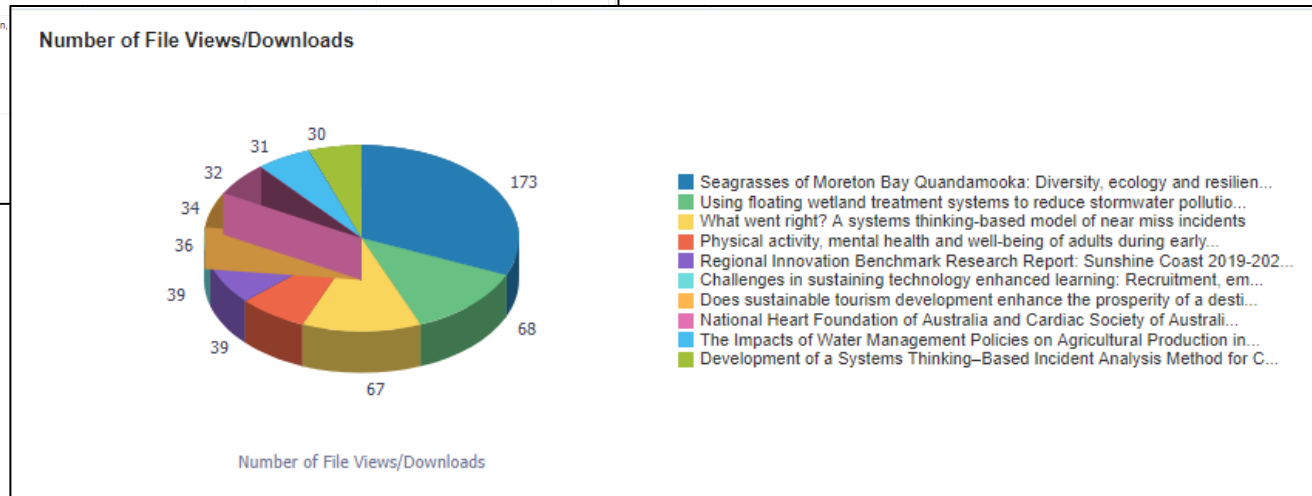
ORACLE Analytics

Research Assets Usage Dash...

10 most popular Assets | 10 most popular Files | Usage per Category and Type | **Assets accessed in the last 30 days** | Usage per Requester Type | Assets with access denied requests | File Usage per File Type | Assets not accessed | Usage per Usage Date

**Assets accessed in the last 30 days**

Number of File Views/Downloads	Asset Id	Title	Asset Category	Asset Type	Publication Details	Asset Published Year	Asset Authors List	Asset Organizations List	DOI	Last Date of Access
173	99450846802621	Seagrasses of Moreton Bay Quandamooka: Diversity, ecology and resilience	Publication	Book chapter	Moreton Bay Quandamooka & Catchment: Past, present, and future, 279-298	2019	Maxwell, P, Henderson, Christopher, J, Gilby, Ben, Connolly, R, Roelitsma, C, Tibbets, I, R, Rothlisberg, P, C, Neil, D, T, Homburg, T, A, Brewer, D, T, Arrington, A, H, Burfeind, D, Udy, J, O'Brien, K, Saunders, M, Barnes, R, Olds, Andrew, D	School of Science and Engineering, University of the Sunshine Coast, Queensland	10.6084/m9.figshare.8074334	6/10/2020
68	99451084002621	Using floating wetland treatment systems to reduce stormwater pollution from urban developments	Publication	Journal article	International Journal of GEOMATE, 12, 31, 45-50	2017	Schwammbeger, Peter, Walker, Christopher, Lucke, Terry	School of Health and Sport Sciences, School of Science and Engineering, University of the Sunshine Coast, Queensland	10.21660/2017.31.6532	1/10/2020
39	99480408902621	Regional Innovation Benchmark Research Report: Sunshine Coast 2019-2020	Publication	Report	1-42	2020	Scheepers, Margarietha, J, De Klerk, Saskia, Daniel, Lisa, Jenner, Peter, Verreyne, Martie-Louise	USC Business School, University of the Sunshine Coast, Queensland	10.25907/00004	7/10/2020
37	99471807902621	Physical activity, mental health and well-being of adults during early COVID-19 containment strategies: A multi-country cross-sectional analysis	Posted Content	Preprint	medRxiv	2020	Faulkner, James, Jakeman, John, Mackintosh, Kelly, A, McNarry, Melitta, A, Mitchelmore, Andrew, Murphy, John, Ryan-Stewart, Helen, Saynor, Zoe, Schaumberg, Mia, Stone, Keeron, Stuart, Beth, O'Brien, Wendy, Lambrick, Danielle, McGrane, Bronagh, Wadsworth, Daniel, Coulter, Maura, Draper, Nick, Elliot, Catherine, Fryer, Simon, Hamlin, Michael, J	School of Health and Sport Sciences, School of Nursing, Midwifery and Paramedicine, University of the Sunshine Coast, Queensland	10.1101/2020.07.15.20153791	7/10/2020
36	99451329002621	Challenges in sustaining technology enhanced learning: Recruitment, employment and retention of learning designers in Australian universities	Conference/Event	Conference paper	Personalised Learning: Diverse Goals, One Heart, 272-281	2019	Slade, Christine, Wei, Sharleen, Chew Yi, McGrath, Dominic, Mun, Parker, Jeffrey			
34	99472508902621	Does sustainable tourism development enhance the prosperity of a destination? Evidence from stakeholder perceptions	ETD	ETD-Doctoral			Falatoonitoosi, Elham, Kerr, Donald, Schaffer, Vikki			



# Enabling – Systems Integrations



Researchers



Publishing research outputs – Google, Google Scholar, OAI, API



Grants



ORCID



Analytics

# Next Steps – Where we're going

- Publishing research outputs to USC DataHub via API
- Publishing via OAI to Altmetrics, Trove, BASE etc
- Process review, review of roles and responsibilities, devolving workflows
- Liaison librarians working with researchers to create/update profiles
- Building stronger relationship with Office of Research



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Thank you

**Meredith Mooi**  
MMooi@usc.edu.au