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Esploro Integrations

Margie Pembroke

Southern Cross University, Australia

IGeLU 2023



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Overview

About Southern Cross

Integrations to get you started

The researcher loader

ORCID

Datacite, Pivot RP, Altmetric and
Web of Science

OAI-PMH to Research Data
Australia

Our website search

Questions?



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About Southern Cross University

- 16,000 students
- Approx. 600 Research active staff
- Home to four research clusters
- Ranked “well above world standard” in 14 research fields by the latest Excellence in Research Australia
- “At world standard” in a further 23 research fields





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The researcher loader

- Nightly load of research active staff our human resources system, Aurion
- Updates any position title changes, adds new staff
- Started with a complex query to try and capture researchers
- Now queries a research active flag in Aurion
- Requires position mapping table and organizational units to be maintained



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Populating Researcher Profiles

- Researcher completes biography, keywords, identifiers, education and employment history
- Potential for Pivot Research Professional to share
- Smart expansion is run
- Smart harvesting is turned on
- ORCID
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ORCID

- Transfer of tokens...
- Assertion of employment details
- Sending books, book chapters, journal articles and datasets
- Saves the researcher time
- Provides further authority to the ORCID record
- Would like to be able to remove assets if added incorrectly



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The easy ones

- DataCite
- Pivot RP
- Altmetric
- Web of Science



Example Altmetric badge

JOURNAL ARTICLE

Mapping methane and carbon dioxide concentrations and $\delta^{13}\text{C}$ values in the atmosphere of two Australian coal seam gas fields

by Damien T Maher, Isaac R Santos and Douglas R Tait

Water, Air & Soil Pollution: Focus, Vol.225(12)

2014

DOI <https://doi.org/10.1007/s11270-014-2216-2>

Fugitive greenhouse gas emissions from unconventional gas extraction processes (e.g. shale gas, tight gas and coal bed methane/coal seam gas) are poorly understood due in part to the extensive area over which these emissions may occur. We apply a

s field. A mobile cavity ring down spectrometry (M-CRD) system was used to measure methane and carbon dioxide concentrations in the atmosphere of a coal seam gas field. A mobile cavity ring down spectrometry (M-CRD) system was used to measure methane and carbon dioxide concentrations in the atmosphere of a coal seam gas field. A mobile cavity ring down spectrometry (M-CRD) system was used to measure methane and carbon dioxide concentrations in the atmosphere of a coal seam gas field. [...more](#)



Metrics

27 Record Views 23 Times Cited - Web of Science



[See more details](#)

- Picked up by 2 news outlets
- Blogged by 1
- Tweeted by 14
- On 112 Facebook pages
- 64 readers on Mendeley
- 1 readers on CiteULike



Open Access Initiative Protocol for Metadata Harvesting (OAI-PMH)

- Used to send datasets to Research Data Australia
- Required a crosswalk of the Esploro metadata schema to RIF-CS
- Records are sent to the national research data repository – [Research Data Australia](#)



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Our website search

- Website redeveloped and launched in July 2023
- Find a supervisor search was a requirement
- Analytics API used
- Local fields configured to identify supervisors

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Narrow your results

Sort by

Search supervisors


Clear search

Faculty

- Allied Health and Midwifery (9)
- Centre for Children and Young People (6)
- Centre for Organics Research (1)
- [+ More \(2\)](#)


Expertise/Tags

[Update staff profile](#)




David Abrego
Senior Lecturer
david.abrego@scu.edu.au

Coral reef ecology | Climate change adaptation | Coral reef restoration | Coral reproduction | Coral-microalgal symbioses | Thermal tolerance | Coral settlement and recruitment




Christina Aggar
Associate Professor
christina.aggar@scu.edu.au

Transition programs for new graduate nurses | Clinical skills education | Chronic disease rehabilitation | Midwifery



Cherise Addinsall
Adjunct Fellow
cherise.addinsall@scu.edu.au

Agroecology | Destination wellbeing | Sustainable Livelihoods | Land and food sovereignty | Sustainable tourism policy and planning | Regenerative agritourism



Alireza Alaei
Senior Lecturer
ali.alaei@scu.edu.au

Document image analysis | Big data | Biometrics | Sentiment analysis | Human-computer interaction | Classification



Research Supervisor

Professor Bronwyn Barkla

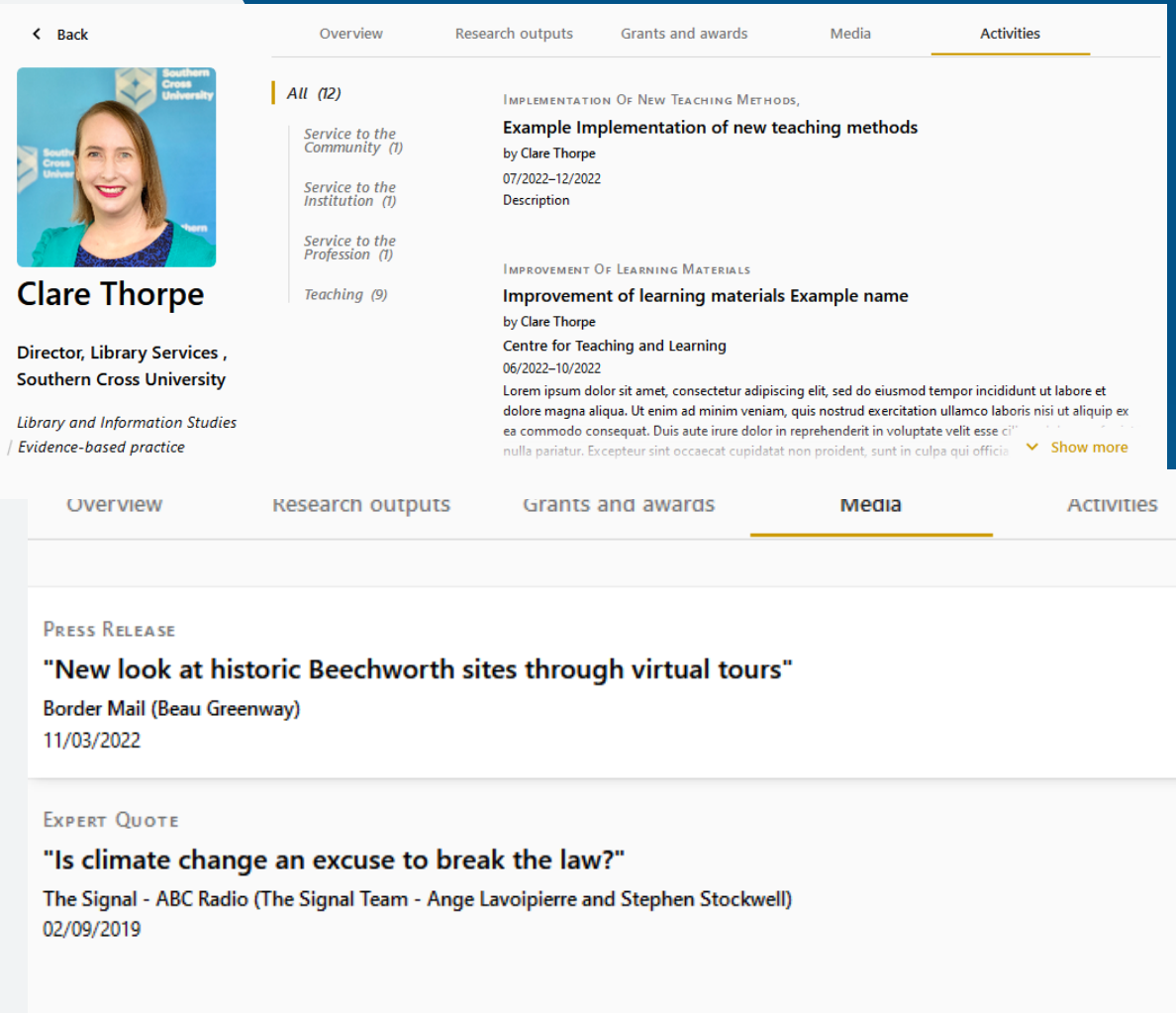
Associate Dean (Research)

bronwyn.barkla@scu.edu.au


Proteomics | Salt-Tolerance | Salinity | Abiotic Stress Tolerance | Mass Spectrometry | Proteins | Protein Purification | Crop Physiology | Plants

So what's next?

- Configuring activities to accommodate Scholarship of Learning and Teaching
- Provide evidence for TEQSA Tertiary Education Quality and Standards Agency
- Provide a means for teaching scholars to showcase their work



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Clare Thorpe

Director, Library Services ,
Southern Cross University

Library and Information Studies
/ *Evidence-based practice*

All (12)

- Service to the Community (1)*
- Service to the Institution (1)*
- Service to the Profession (1)*
- Teaching (9)*

IMPLEMENTATION OF NEW TEACHING METHODS,

Example Implementation of new teaching methods
by Clare Thorpe
07/2022–12/2022
Description

IMPROVEMENT OF LEARNING MATERIALS

Improvement of learning materials Example name
by Clare Thorpe
Centre for Teaching and Learning
06/2022–10/2022
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. [Show more](#)

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PRESS RELEASE

"New look at historic Beechworth sites through virtual tours"
Border Mail (Beau Greenway)
11/03/2022

EXPERT QUOTE

"Is climate change an excuse to break the law?"
The Signal - ABC Radio (The Signal Team - Ange Lavoipierre and Stephen Stockwell)
02/09/2019



Question time?

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Gold Coast

Southern Cross Drive
Bilinga
QLD 4225

Lismore

Military Road
East Lismore
NSW 2480

Coffs Harbour

Hogbin Drive
Coffs Harbour
NSW 2450

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