Comprehensive capture of creative works

The University of Queensland Non-Traditional Research Outputs (NTRO) project

Project sponsored by the Research Management Business Transformation (RMBT) program
NTROs at UQ...How many?...What are they?

<table>
<thead>
<tr>
<th>All NTROs</th>
<th>2378 works</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative works (music composition, live performance, recording, curation of festivals/exhibitions, design etc.)</td>
<td>1168</td>
</tr>
<tr>
<td>Research reports commissioned by government, industry, not-for-profit and policy submissions</td>
<td>675</td>
</tr>
<tr>
<td>Book (novels, exhibition catalogues, anthologies, scholarly translations etc.)</td>
<td>201</td>
</tr>
<tr>
<td>Book chapter (essays, poems, art criticism, composition, reviews etc.)</td>
<td>104</td>
</tr>
<tr>
<td>Journal article (poems, reviews, essays, reflections etc.)</td>
<td>221</td>
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</tbody>
</table>

UQ eSpace 394416 total records.
NTROs = .6% of total UQ research outputs in UQ eSpace

- Diverse
- Creative
- Connected with people, society & culture
  - AND required for ERA.....

“All the good stuff”
What led to the NTRO project…..ERA scramble….

Every ERA 2012 – 2018: need to report NTROs

→ what have we got?

→ what’s missing?

→ how do we describe what we’ve got?

→ where’s the evidence?
...and opportunity via UQ restructure

- NTRO works under-represented, one size fits all ‘Creative Work’ form in eSpace, reporting compromised


- Working Party led to shared vision, development of requirements for UQ eSpace to better describe and collect NTRO works

- UQ Strategic funding for implementation in UQ eSpace: Project Officer & developer team dedicated to the project
What happened then? Conversation & Collaboration

Sept 2018 – Feb 2019
Develop technical specs, build, test, demo, feedback, tweak, test, resolve bugs = robust system delivered

→ NTRO Working Party
→ Humanities & Social Sciences Faculty
→ Researchers
→ UQ eSpace project team, including Library developers

Clarification: What’s in and out of scope?

Discernment: Common understanding and fleshing out of requirements

Objectives: What outcome do we want? What do we really need?

Timeline: What can we deliver by beginning of February 2019?
## Project achievements…benefits…for researchers….for UQ

<table>
<thead>
<tr>
<th>Achievements</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>Development of a suite of new work type forms in five major ERA categories: Original Creative Works, Live Performance of Creative Works, Recorded or Rendered Creative Works, Curated or Produced Exhibition or Events and Research Reports for an External Body</td>
<td>Capacity for researchers to describe their non-traditional research output in a rich and meaningful way for targeted and comprehensive coverage</td>
</tr>
<tr>
<td>Enrichment of the metadata schema to support decision making about the significance and ‘quality’ of an output</td>
<td>Capacity to collect collaboration data and individual research statements at the author level, in addition to quality indicator and funder/grant information at the work level</td>
</tr>
</tbody>
</table>
| User-friendly design for seamless, hassle-free data deposit | • Forms match existing look and feel, nothing new to learn  
• Less administrative burden |
• Central reference point across all disciplines |
| Collaboration with researchers to collect exemplar records for help guide and source feedback for user experience improvements | User-centred design |
| Mapping of existing creative works to new category types | Data consistency and comprehensive coverage |
| Availability of new NTRO content and data in downstream systems, e.g. Data Warehouse, UQ Researchers and Individual Activity Profile dashboards | • Discoverability and reportability  
• Support for next ERA and EI assessments  
• Data for profile promotion and appraisals |
Suite of 27 new forms

Creative Work - Design/Architectural
Creative Work - Textual (Book)
Creative Work - Textual (Book chapter)
Creative Work - Textual (Journal article)
Creative Work - Textual
Creative Work - Visual Art
Creative Work - Musical Composition
Creative Work - Other
Live Performance of Creative Work - Music
Live Performance of Creative Work - Dance
Live Performance of Creative Work - Plays, Dramas, Theatre
Live Performance of Creative Work - Interarts
Live Performance of Creative Work - Other
Recorded or Rendered Creative Work - Music, Dance, Theatre
Recorded or Rendered Creative Work - Audio or Visual
Recorded or Rendered Creative Work - Digital
Recorded or Rendered Creative Work - Interarts
Recorded or Rendered Creative Work - Web Exhibition
Recorded or Rendered Creative Work - Other
Curated or Produced Exhibition or Event - Exhibition or Event
Curated or Produced Exhibition or Event - Festival
Curated or Produced Exhibition or Event - Web Exhibition
Curated or Produced Exhibition or Event - Other (Scholarly Disciplines)
Research Report for an External Body - Public Sector
Research Report for an External Body - Industry
Research Report for an External Body - Not-for-profit
Research Report for an External Body - Other
Research Report - Internal or Other
• Work type determines metadata requirements
• Alert for major requirements
• Author identified as UQ/Non-UQ
• Author-level Scale/Significance
• Author-level research statement

+ new metadata fields

Non-traditional research output (NITRO) requirements:

1. A creator research statement of up to 2000 characters (250 – 300 words) that includes the background, contribution and significance of the work. It must be authored by the MAyer or Minor Scale/Significance option that you select on the form. This is for public view.
2. An abstract/description of the work, up to 800 characters (approx. 100 words). This is for public view.
3. At least one evidence file (e.g. .pdf, .mp4). If or video copy, reproduction or review of the work.

Note: A research statement can be updated at any time via the REQUEST CORRECTION button for the work.
## Audience size (Live performance/Curated exhibition)

### & Quality Indicators

### Grant information & Type

### Grant details

Add the Funder/Sponsor's name, grant ID and type - then click the ADD GRANT button to add each to the list.

<table>
<thead>
<tr>
<th>Funder/Sponsor name</th>
<th>Grant ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC</td>
<td></td>
</tr>
</tbody>
</table>

### Optional information

- Disseminated via nationally recognised outlet or entity
- Disseminated via internationally recognised outlet or entity
- Association with recognised national entities, distinct from co-creation
- Association with recognised international entities, distinct from co-creation
- Reviews, prizes, awards recognition of the output
- Commissioned by external body
- Repeat performances, reproductions, republications or re-exhibitions
- Selected for use by nationally recognised outlet or entity
- Selected for use by internationally recognised outlet or entity
- Other (add details to Author/Creator research statement)
Lessons learned….what worked well

Protection against scope creep
• Clear understanding of expectations and technical limitations

Appointment of a dedicated Project Officer
• Work with developers and liaise with all stakeholders
• Valuable model for interpretation/integration of specifications, documentation of requirements, feedback and testing

Co-location of Project Officer and developer team
• Easy access, frequent interaction
• Point-of-need, timely resolution of misunderstandings and issues
• Big advantage, given delivery time constraints

Clear communication with the NTRO Working Party members and Faculty stakeholders
• All stakeholders involved in final outcome

Meetings with researchers across a range of disciplines
• Demonstrate the new form, collect exemplar works and seek feedback on the user experience and help guide
Challenges

Top level University priority
- Strategic funding
- Delivery to align with release of Individual Activity Profile system in March 2019

Tight delivery timeline
- 6 months to deliver
- Christmas/January period – higher than usual staff leave absences
- High priority, pressure on resources, delay impact on other projects

Technical constraints
- UQ eSpace user interface completely redeveloped via an earlier project but back end not yet upgraded
- Both back and user interface development required to deliver the NTRO forms and capture new metadata
- Developers and user acceptance testers worked across two systems, that led to additional time pressure and testing constraints
Post-project developments….Dashboard alert to update existing works
Alert to add new metadata to existing works via regular researcher email
Opportunities realised

Comprehensive NTRO data collection
  • Individual and institutional profile promotion
  • Internal and external reporting

Alignment with ERA and Engagement and Impact initiative reporting
  • Individual research statements to feed into institutional reporting requirements

Raising of NTRO profiles
  • Rich metadata description
  • Upload to ORCID

Ongoing collaboration
  • Better understanding of what constitutes an NTRO and how best to represent it

Highlighting diversity while ensuring improved collection consistency
  • Further development of the Library help guide

109 new works since Feb 2019 with comprehensive metadata description and research statements
ORCID Upload
- NTRO works metadata mapping to ORCID almost complete
- Pilot roll-out for a few Schools
- Resolve issues and roll out over all UQ

NTRO capture workshops for researchers
- Expert advice – eSpace team & Liaison Librarians
- Provides momentum for individual engagement
- One workshop held, two further scheduled Nov/Dec 2019
- Prepare for future ERA and E&I

Develop Library expertise and advice
- Dedicated staff members
- Work with individual researchers
- Help guide development
Thank you

Mary-Anne Marrington/UQ eSpace Manager
Library, The University of Queensland
m.marrington@library.uq.edu.au
07 3346 9981

https://orcid.org/0000-0003-0268-1885