

Visualising publication data

UQ Library Author Statistics App



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UQ Author Statistics

...provides UQ researchers with a comprehensive view of their research outputs and associated metrics which allows them to explore their research strengths and prompt them to manage their author identity profile to ensure data integrity...

Academics and metrics



awareness of the need to use relevant metrics to support claims of research excellence



need to differentiate themselves from others in research grant applications and promotion rounds



Researcher Identity and Metrics Profiling Application

The University of Queensland Library maintains the institutional repository, UQ eSpace

UQ eSpace holds rich publication information for UQ research outputs

Potential identified to develop new, unique data visualisations based on the data already being held in UQ eSpace



Visualising publication data

The resulting UQ Library Author Statistics App is a presentation of individual UQ authors' publication data including

- productivity
- impact
- research areas
- collaboration and
- article level metrics for individual publications

UQ academics can view their own or their peer's performance generally and see how specific publications are performing

Allows academics to explore their

- citation database coverage
- collaboration networks
- benchmarking by different schemas
- research strengths



Allows the Research Outputs and Impact Team to

Contextualise the entire research output for an academic

Encourage engagement with UQ eSpace

Promote the importance of author identifiers



Data visualisation – benefits to UQ researchers








Professor Arya Stark

Betrothed of Joffrey Baratheon

Queen of the North

Prince's landing court Daughter of Eddard Stark and Catelyn Tully

 eSpace  Researcher ID  Scopus  ORCID
 Google Scholar

Publications in eSpace

699

Publishing range

1996 - 2014

1996 ▼

to

2014 ▼

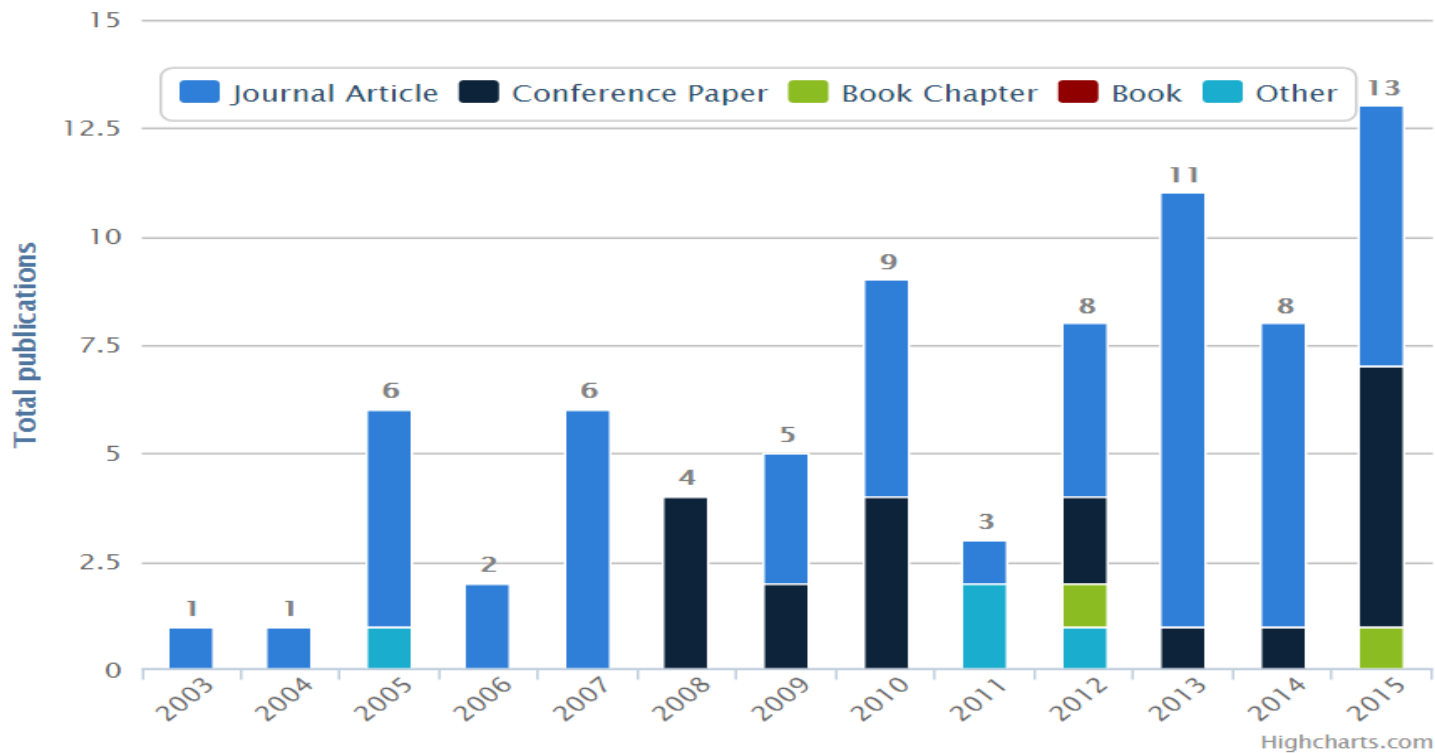
Dashboard

Publications

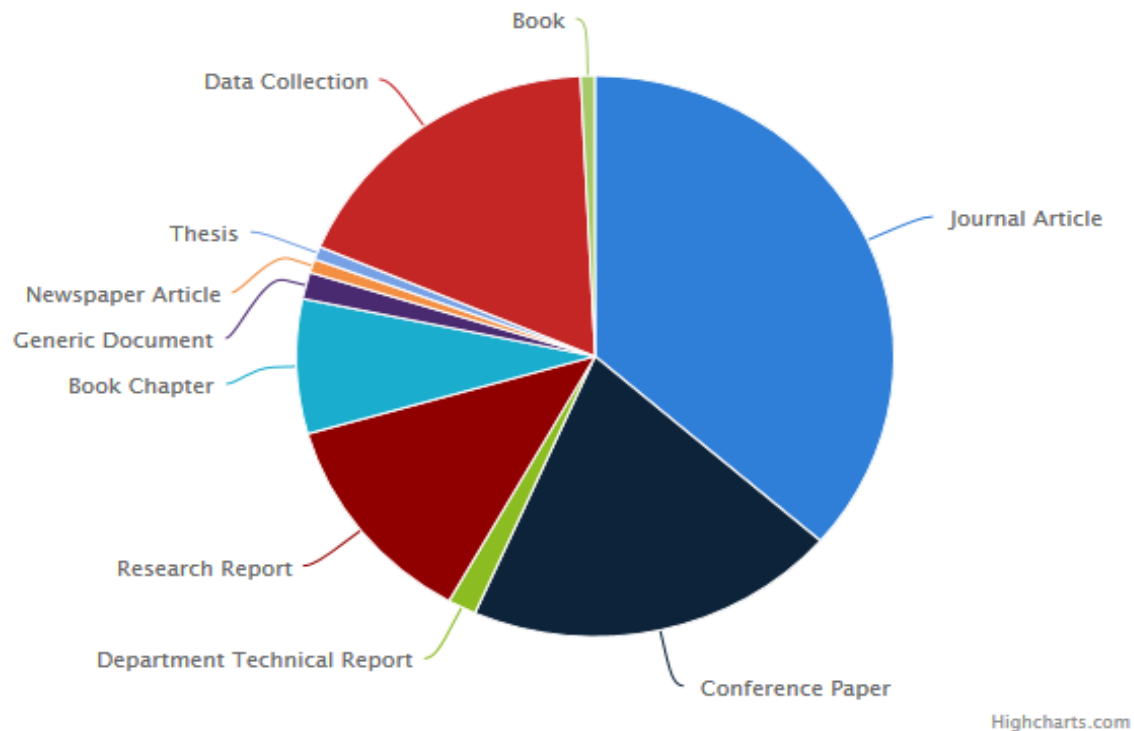
Research areas

Collaboration

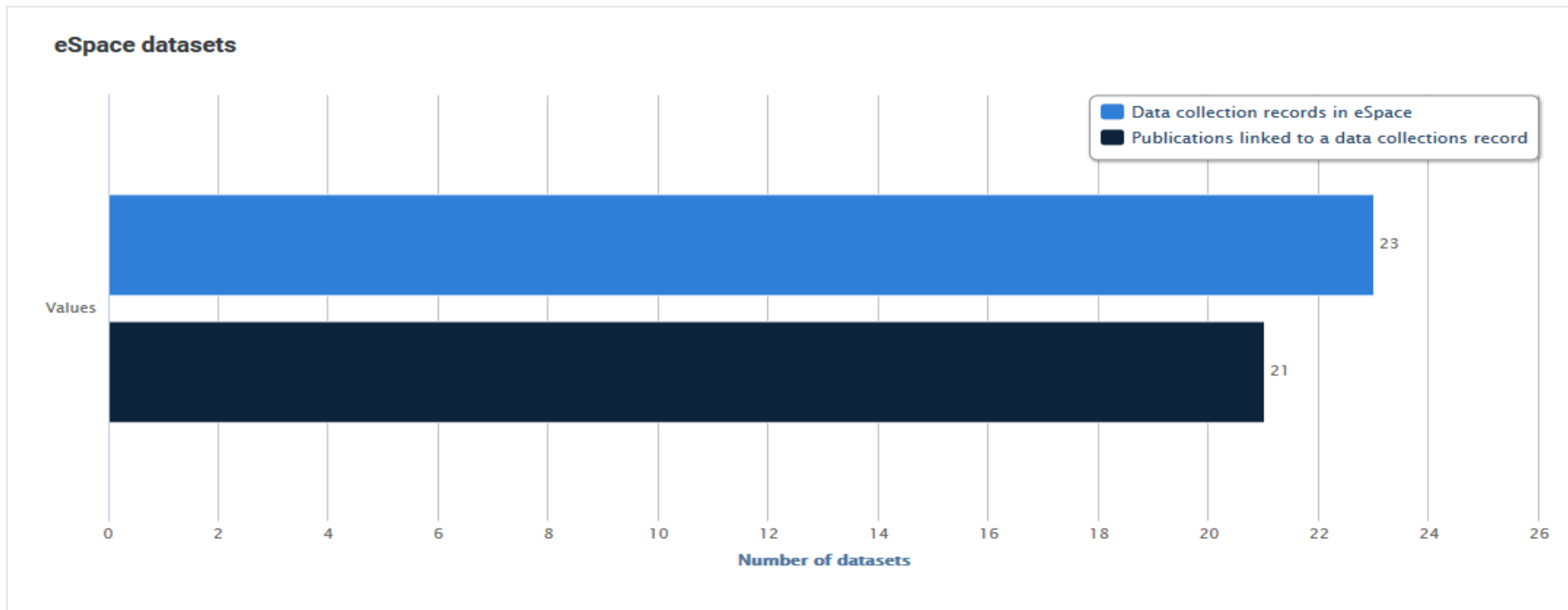
eSpace publications by year



Document types overview



Research Datasets in UQ repository

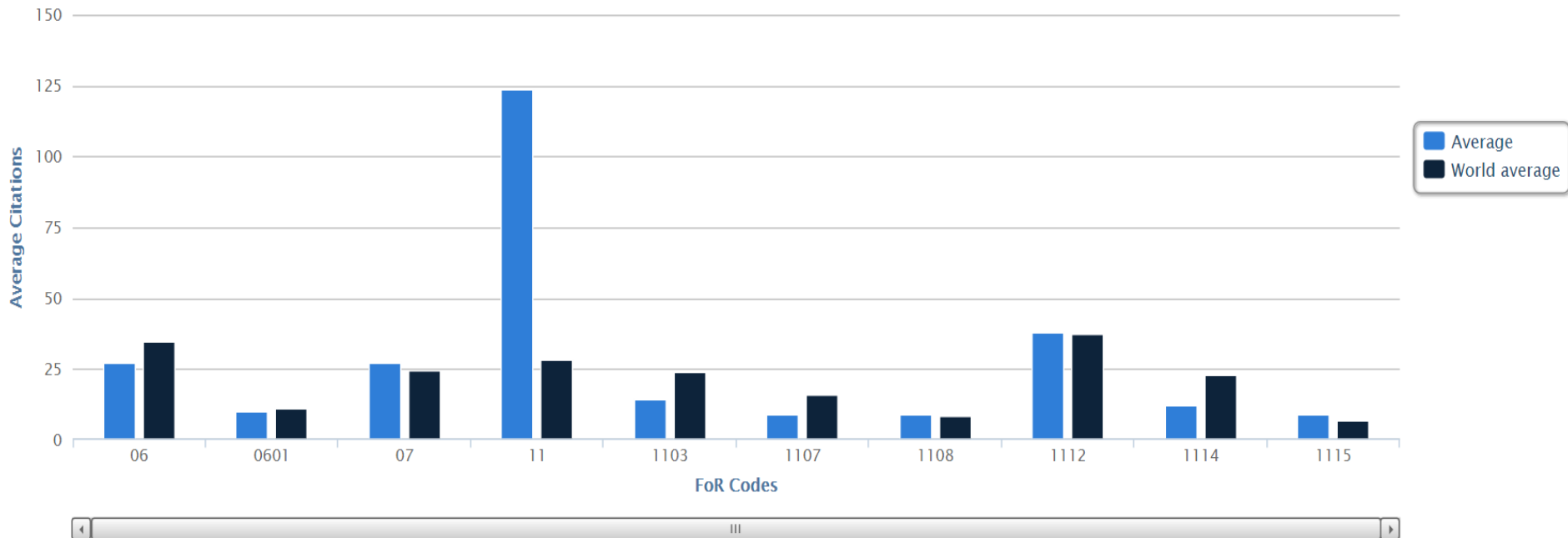


ASJC Codes visualisation



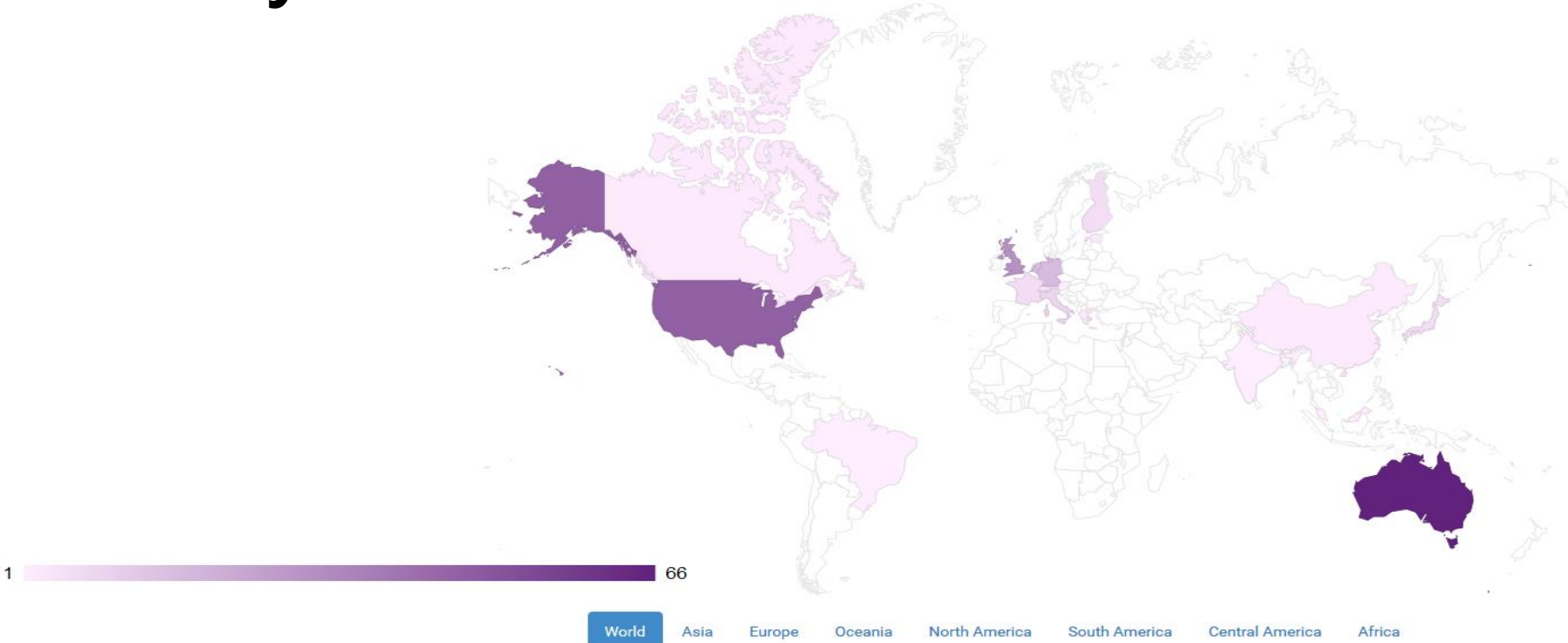
ANZSRC Field of Research Codes visualised

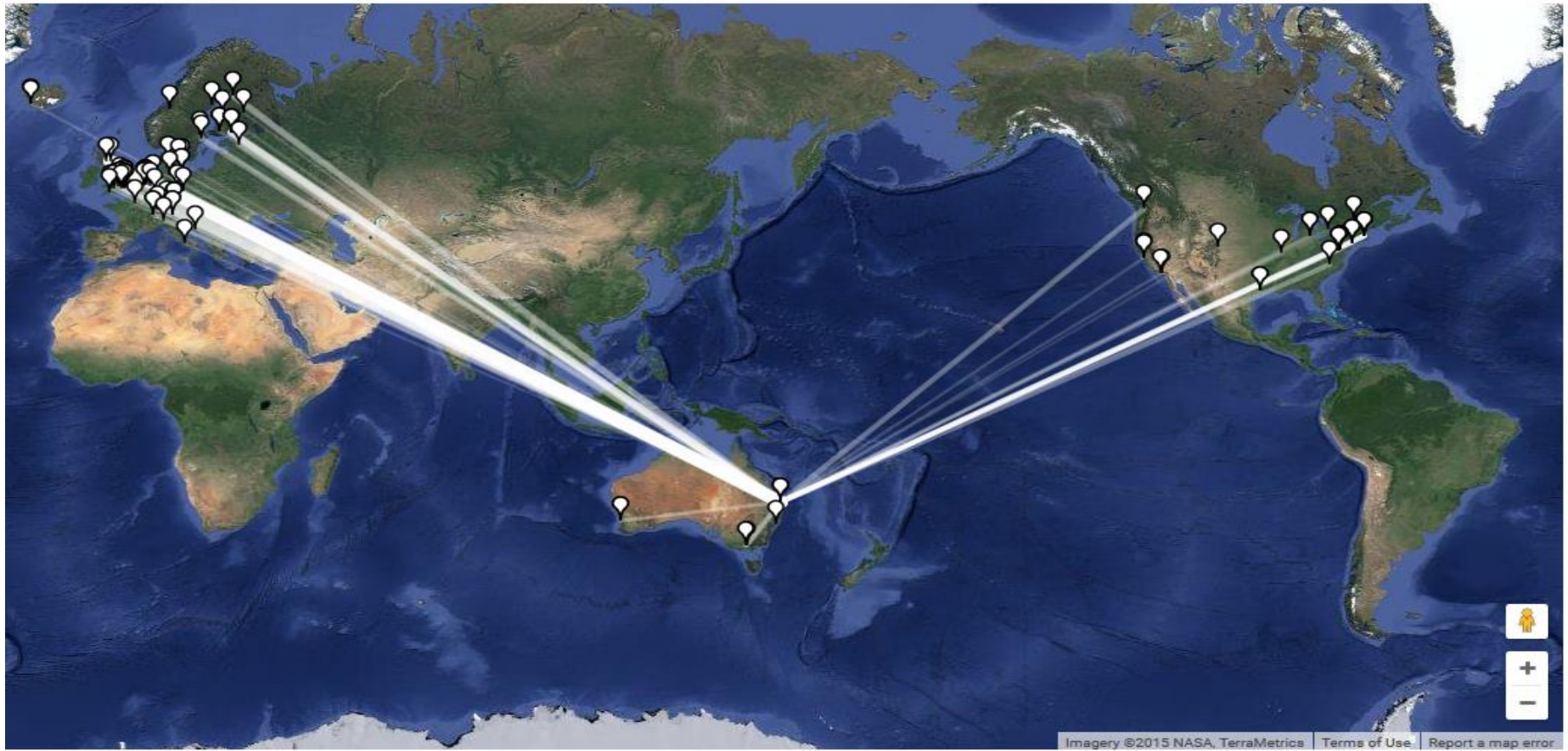
FoR Code Comparisons to World Averages



Highcharts.com

Country collaborations





www.library.uq.edu.au



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Metrics for individual papers

Interdependency of tropical marine ecosystems in response to climate change

Ecosystems are linked within landscapes by the physical and biological processes they mediate. In such connected landscapes, the response of one ecosystem to climate change could have profound consequences for neighbouring systems...

Saunders, Megan I., Leon, Javier X., Callaghan, David P., Roelfsema, Chris M., Hamylton, Sarah, Brown, Christopher J., Baldock, Tom, Golshani, Aliasghar, Phinn, Stuart R., Lovelock, Catherine E., Hoegh-Guldberg, Ove, Woodroffe, Colin D. and Mummy, Peter J. (2014) Interdependency of tropical marine ecosystems in response to climate change. *Nature Climate Change*, 4 8: 724-729. doi:10.1038/nclimate2274

8

Citations

Scopus

7

Citations

Web of Science

32

Altmetric

[Paper Details](#)

[Scopus Citation Data](#)

[Web of Science Citation Data](#)

Scopus Citation Data

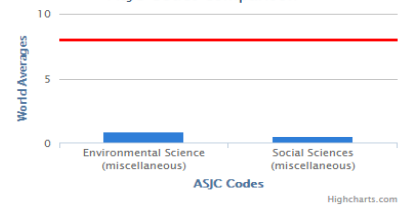
ASJC Code Metrics

ASJC Classification	World Percentile	World Average Citations
Environmental Science (miscellaneous) (2301)	Top 5%	0.85
Social Sciences (miscellaneous) (3301)	Top 1%	0.54

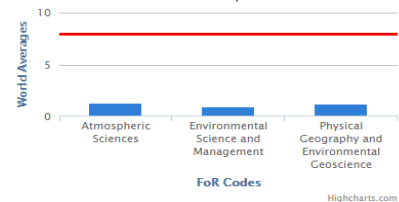
For Code Metrics

FoR Code	World Average Citations
Atmospheric Sciences (0401)	1.29
Environmental Science and Management (0502)	0.90
Physical Geography and Environmental Geoscience (0406)	1.17

ASJC Codes comparison



FoR Codes comparison



Elsevier Science and Technology Scopus database - Updated 01/05/2015

Additional benefits to UQ

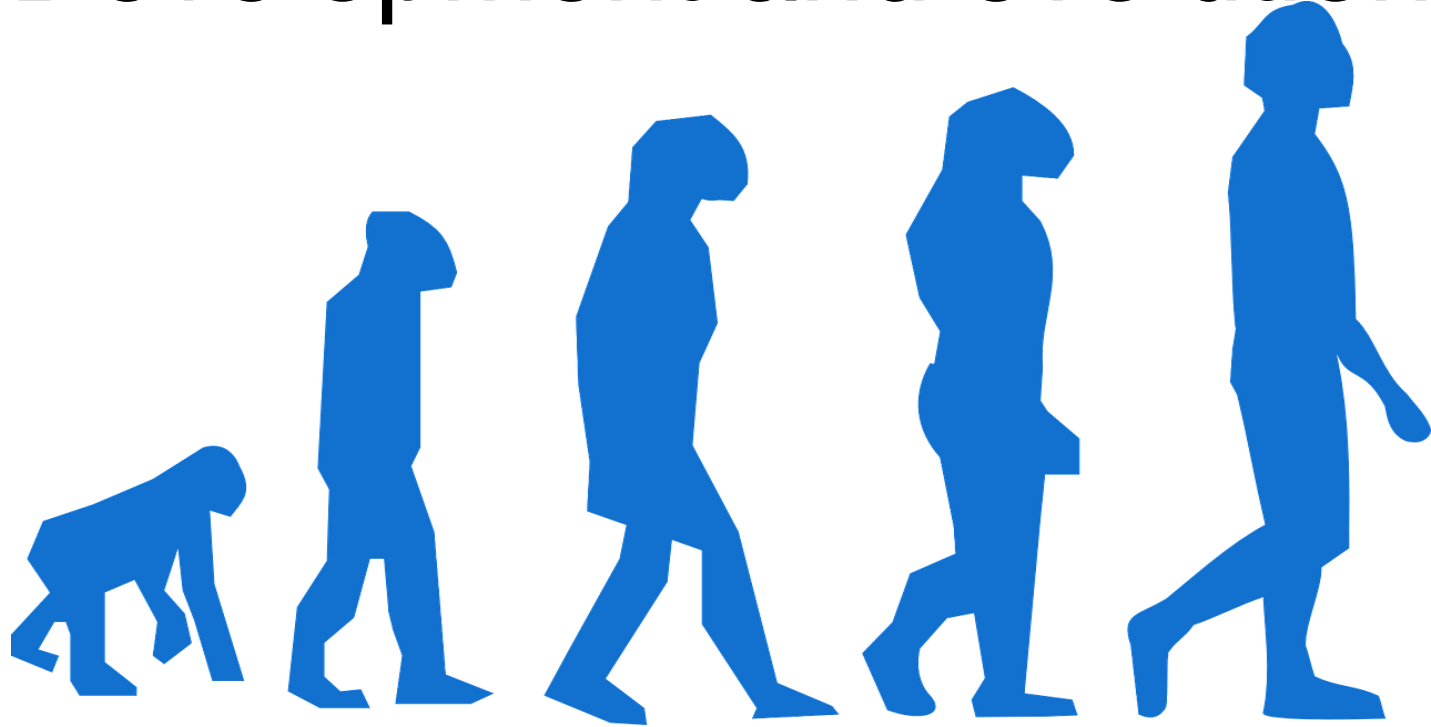
Managing researcher identities



The screenshot shows a user interface for managing researcher identities. At the top, there are icons and labels for 'eSpace', 'Researcher ID', 'Scopus', 'ORCID', and 'Google Scholar'. Below this, there are two main sections: 'Publications in eSpace' with a count of 34, and 'Publishing range' with a range of 1995 - 2015. At the bottom, there are two dropdown menus for selecting the start and end years of the publishing range, currently set to 1995 and 2015.

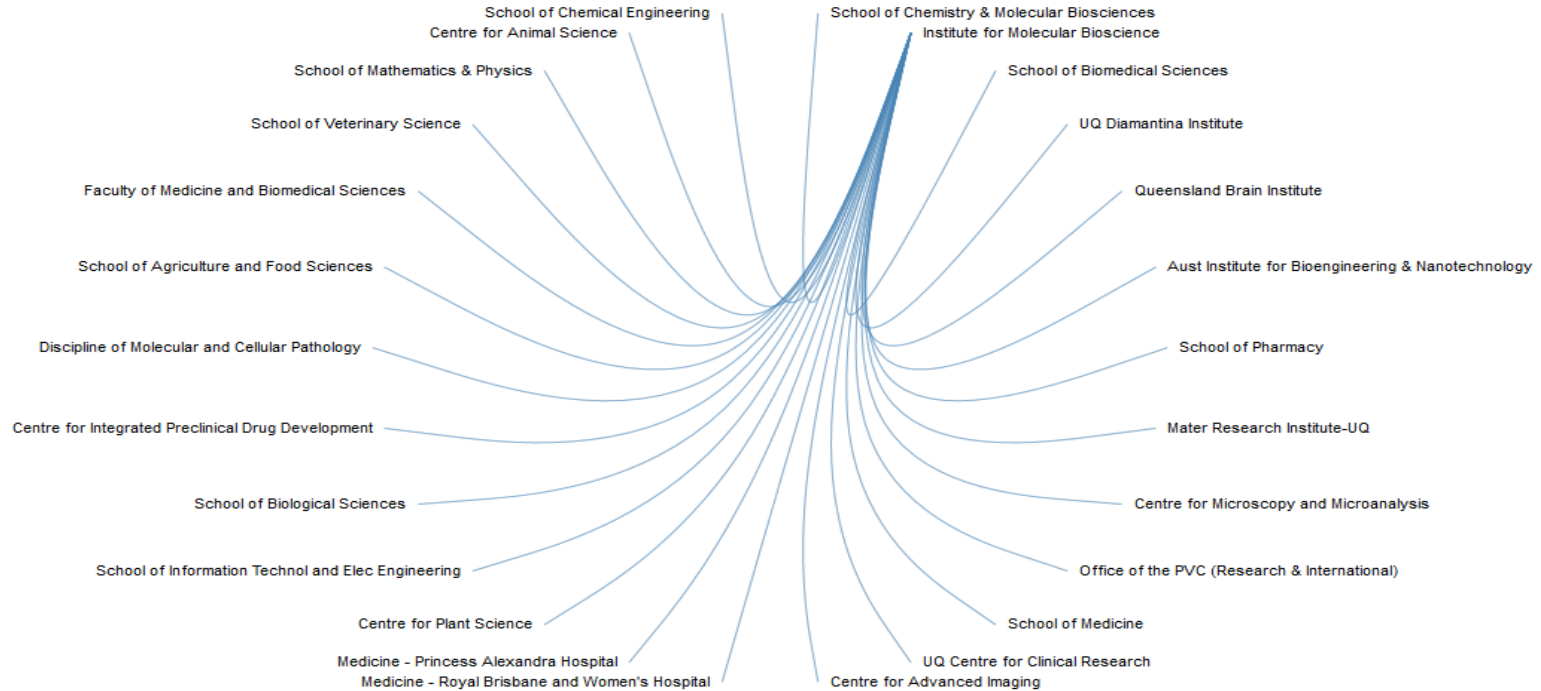
Prompts authors to add their work to UQ's repository

Development and evolution



Future directions

Experimenting with departmental data visualisations



Future directions

Developing app format for other projects



UQ Researcher Identifiers

Researcher identifiers are unique codes to help differentiate between researchers with the same or similar name and ensure that you are getting credit for all of your work.

Here you can easily create and connect research identifiers with the most commonly recognised tools in the scholarly community and connect this identifier to your profile at UQ.

ORCID

0000-0003-4136-2377 [About ORCID](#)

[View details](#)

ResearcherID

[Link this identifier](#) [About ResearcherID](#)

Scopus Author Identifier

[Link this identifier](#) [About Scopus Author Identifier](#)



Thank you



Questions?

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