Working with Entities in SciVal

SciVal allows you to define and work with a variety of entities in overview, benchmarking and collaboration views. Entities might be:

* Institution
* Individual researcher
* School/Faculty
* Research Institute
* Research Group
* Publication Set

The University of Plymouth hierarchy is already set up within SciVal, so any of the above with an asterix * should already exist. However newer members of staff may need adding, or you may wish to define your own groups or publication sets for analysis.

Defining a researcher

You can search for a researcher within overview, benchmarking or collaboration by clicking on the ‘Researchers and Groups’ icon and clicking ‘Add Researchers or Groups’ to search.

However, you may not be able to find colleagues that are relatively new to the university. You will need to add these into SciVal yourself. The easiest way to do this is to import them from Scopus.

While logged into SciVal, open up a new tab and go to www.scopus.com. If you are on campus you should not need to log in, otherwise log into the DLE first and then navigate to Scopus via ‘Primo’ (library catalogue) and then ‘Databases’.
You will need to search for the researcher in Scopus by selecting ‘author’ within the search and searching using their last and first name.

Once you’ve located the researcher in your results, click on their name to go to their author profile, then select ‘Export Profile to SciVal’ to bring them into the ‘My SciVal’ panel. You can then select them and ‘Add to Panel’ to bring them into the selection panel for Overview, Benchmark or Collaboration analysis.
N.B. If the researcher has an ORCID ID, you could search with that. However, searching by name will let you see where a researcher may have multiple Scopus IDs, where Scopus cannot identify that publications belong to the same author.

If this has occurred, let your colleague know. They can contact their Information Specialist for help with merging these.
Defining a group

You may wish to define a group to analyse a research group or institute. To define your group you will need to go into ‘My SciVal’ in the top menu. In the right of your workspace, click on ‘Add New’ and select ‘Group’ from the drop-down.

A screen will then pop-up where you will be able to select researchers and pull them into your new group.

You will need to click on the dots next to the researcher and drag them directly on top of your group to add.

Click on the group name to edit.
Once you have finished selecting researchers, you will need to ‘Save and Finish’. You can then add your group to the panel, for selection in Overview, Benchmarking or Collaboration, using ‘Add to Panel’ in the top of your workspace.

If any researchers cannot be found, you will need to add your researchers to SciVal from Scopus using the above instructions for ‘Defining a Researcher’ and then edit your group later to add them.

In My SciVal you can edit, tag, share or delete entities.

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**Defining a publication set**

You may wish to define a publication set where there is more than one parameter for what you wish to analyse. For example:

- **Publications made by an individual or group in a specific time period**
- **Publications by an individual on a specific topic**
- **Publications that are citing an individual’s publications**

Defining a publication set can be done by using Scopus and SciVal together. To demonstrate different ways you might define a publication set, we shall run through the three examples above.

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**Publications citing an individual’s publications**

You might want to do this to examine the wider impact of your research within benchmarking. First we need to sign in to SciVal in one tab and use Scopus in another tab to get a list of publications that are citing the work.
Complete an author search within Scopus. You can check the author’s affiliation on the results screen to identify the correct person and click on their name to access their profile.

In the author profile page, click on the number of documents and then ‘View all in search results format’.

The publications will open up as a set of search results. You may want to refine at this point what type of outputs you’d like to look at. E.G. Are you looking at the citations from articles, reviews, books, or everything? You may only be interested in citations arising from your publications in the last 3 years.
Once you’ve made any refinements, select ‘All’ and then ‘View Cited by’ to view the publications citing these works.

You will then want to remove self citations from the resulting list by using the ‘Refine results’ list to exclude the author’s name from the list of results. This will leave you with the list of publications that are citing the author’s publications from the previous screen.

To bring these back into SciVal for benchmarking or other analysis, you need to select ‘All’ again and then use the drop down on the ‘Export’ option next to it and select ‘SciVal’. You can then give the Publication set a name in SciVal and add it to your panel to work on.
Note on entities and affiliation...

If you need to ensure that researchers and research groups are only displaying metrics of publications affiliated with University of Plymouth, you can use the ‘home institution’ toggle at the top of ‘Overview’.

For further assistance

For further support on SciVal and metrics, please contact your Information Specialist: Informationspecialists@plymouth.ac.uk

For REF-related SciVal support please contact Alison Bendall from Research and Innovation: Alison.Bendall@plymouth.ac.uk