Elsevier Research Intelligence

SciVal
September 2015 release

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Agenda

• Introduction
• Live demo – new features in SciVal
• Q&A
House keeping

• All phones are automatically on mute

• Submit your questions at any time by clicking on the “Q&A” icon in the top menu bar

• We will go through the questions at the end of the session

• Follow the conversation on Twitter @SciVal
What are the new features in the September release?
What are the new features in the September release?

Major enhancements

1. Populate SciVal with departmental structures in just a few clicks
2. Analyze the research trends of any Publication Set in the Trends module
3. Research Area creation limit increased to 5,000 publications for on-the-fly creation
4. Reshare and edit entities

Other enhancements

5. Public and Private tags
6. Streamlined Publication Set creation workflow
7. Ranking information in the Overview module
1. Populate SciVal with departmental structures in just a few clicks

SciVal provides powerful tools to analyze researchers, groups and departments. Until now you could populate them in SciVal one researcher at a time using the researcher definition tool or automatically through Elsevier’s Profile Refinement Service.

Now the population of researchers and departments can be done through quick and easy spreadsheet imports and via a deeper Pure integration.

- **Start analyzing faster.** Use data from other systems such as Pure to feed SciVal
- **Save time and money.** Create department structures in SciVal with just a few clicks
- **Give your colleagues a head start.** Share the departments and researchers you’ve created with your colleagues and give them an instant analysis starting point
Creating a Researcher in SciVal

Define a new Researcher

STEP 1: Search
STEP 2: Select
STEP 3: Validate publications (optional)
STEP 4: Save Researcher

Please note that SciVal will only display publications from 1996 onwards.

Save your Researcher as: Chen, Chaomei

Add tags (optional): Enter a tag

Save and finish  Save and define another Researcher
Previous situation

2 options to create departments…

User manually looks up and refines researchers in Scopus Author Feedback Wizard, one-by-one to build up a group

Elsevier curates the profiles and creates departmental structure for you

(Profile Refinement Service)
Since the September 30 release

• The user pushes researchers from Pure or uploads a file into SciVal. SciVal then searches for Scopus Author profile matches and immediately populates the group for you (up to 1,000 researchers!)

• The required fields are either:
  - Single Scopus Author ID pre researcher, or
  - Publication IDs (DOIs, EiDs or PMIDs) + author names
  - Author names

• Other fields (e.g. name variants, affiliations) are optional, but the more complete the information is, the higher the chance we have to match it in Scopus.
Matching Researcher Data with Scopus profiles

External researcher data

Scopus Author ID?

Yes

Matching profile?

Yes

Success!

No

No author found

Refine

Yes

No

Yes

No

Matching profile(s)

Success!

No author found

Refine

1

>1

0
Matching Researcher Data with Scopus profiles

External researcher data

Yes

Scopus Author ID?

Yes

Matching profile?

Yes

Success!

No author found

No

No

Search Scopus Author Profiles only within the document set for matches using: Name*, Name variants, Affiliation, Home institution

Yes

Matching profile(s)?

1

Success!

>1

Refine

0

No author found

* Required field
Matching Researcher Data with Scopus profiles

External researcher data

- Scopus Author ID?
  - Yes
    - Matching profile?
      - Yes
        - Success!
      - No
        - No author found
  - No
    - Document IDs?
      - Yes
        - Search Scopus Author Profiles only within the document set for matches using: Name*, Name variants, Affiliation, Home institution
      - No
        - Search Scopus Author Profiles in entire Scopus database for matches using: Name*, Name variants, Affiliation, Home institution

- Refine
  - 1
    - Success!
  - >1
    - Refine
  - 0
    - No author found

* Required field
1.1 Populate SciVal with a spreadsheet

- In Overview, Benchmarking and My SciVal you can import researchers
1.1 Drag and drop spreadsheet or paste IDs

**Import Researchers**

Easily create groups in Scival by importing up to 1,000 researchers at once.

**STEP 1: Upload**
**STEP 2: Refine authors**
**STEP 3: Save**

**Upload file**

Drop file here or click to upload
(CSV, XLS, JSON, or text file)

**Example files**

Download one or more of these example files to import up to 1,000 researchers
(The more information, the higher the accuracy):
XLS, CSV, JSON, or text file

Or structure your file like this:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Author</td>
<td>Name variants</td>
<td>Affiliations</td>
<td>EIDs</td>
<td>DOI</td>
<td>PMIDs</td>
<td>Scopus Author ID</td>
</tr>
<tr>
<td></td>
<td>Colledge, Lisa</td>
<td>Colledge, L.</td>
<td>Oxford University</td>
<td>2-s2.0-84904506674</td>
<td>2-s2.0-84864279253</td>
<td>2-s2.0-84898894343</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Kamalski, Judith</td>
<td>Kamalski, J</td>
<td>Utrecht University</td>
<td>2-s2.0-80051744268</td>
<td>2-s2.0-84866145113</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Heeman, Frans C.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6505857281</td>
</tr>
</tbody>
</table>

**Paste IDs**

Alternatively, you can paste a list of Scopus author IDs in this field (one ID per row, max. 1,000)

[Next step]
1.1 Match and refine process

Import Researchers

STEP 1: Upload

STEP 2: Refine authors

STEP 3: Save

- 56 names are exact matches for 56 authors in Scopus. You can import these authors immediately into SciVal.
- 50 names from your file matched two or more authors in Scopus. To import them into SciVal, you need to refine each author.
- 2 names were not found in Scopus. You can download a file of the names, and upload the new file with any fixes.

56 Matched authors

- Aachmann, Finn Lillemund
- Antoft, Rasmus
- Aachmann, Finn Lillemund
- Scopus author ID: 6507696137
- View in Scopus
- Publications: 36
- Norges Teknisk-Naturvitenskapelige Universitet
- Jansson, Finn Lillemund
- Ketteridge, Rasmus

50 Suggested authors

- Adams, Guy
- Castillo, Rolando
- Angreen, Lise-Lotte
- Løvholt, Dorte
- Andic, Guy
- Castillo, Rolando
- Angreen, Lise-Lotte
- Løvholt, Dorte
- Arruda, Nick
- Barbosa, Rolando

2 authors not found

- Drake, Nick
- Presley, Elvis

Previous step

Next step
1.1 Name, tag and save
1.2 Populate SciVal with researchers from Pure

Use the power of SciVal to analyze departments, research centers and other specialized research units from Pure with ease

- Tighter integration with Pure allows you to effortlessly transfer individuals or whole departments from Pure to SciVal.
1.2 Select a group of researchers
1.2 Refine, name, tag and save
2. Create larger Research Areas and analyse them immediately

In the past, creating Research Areas over 1,500 documents required up to 48 hours before they were ready for you to use. We’ve now increased this to limit to 5,000 documents. As a result 3 out of 4 future Researcher Areas will be available for instant use*. That means less time waiting and more time to analyze.

* Nearly 75% of all Research Areas currently in SciVal contain less than 5,000 publications
3. Analyze the research trends of any Publication Set in the Trends module

Examine Publication Sets in depth with the Trends module to identify the high impact institutions, countries, authors and journals that shape it.

Discover the top performers and rising stars using citation and usage data and adjust your research strategy accordingly.

- Choose the documents for your Publication Set through direct integrations with Scopus and Pure or upload a file that contains a list of publication IDs (DOI, PMID, or EID) taken from other systems
- Analyze up to 100,000 publications and see key metrics about the principal players driving it
4. Receive, edit and reshare entities

Save time for your team – share key entities, such as researchers, groups, and Research Areas with them that they can edit, analyze and reshare with other key colleagues.

- Centrally create entities such as researchers and departments, then share and give administrative rights of them to the respective teams.

- Provides an instant analysis starting point for your colleagues by sharing multiple entities with them.
Additional enhancements
Additional enhancements

Streamlined Publication Set creation workflow
• Drag and drop files directly from your desktop or copy and paste publication IDs. Easy.

Public and Private tags
• Choose which tags to share with your colleagues through public and private labels. Your colleagues only receive the most relevant tags entities are shared with them.

Ranking information from THE, QS, AWRU
• See at a glance the positions of individual institutions in the Overview module within THE, QS and ARWU rankings
Demo
Thank you for your participation.

Questions?