Strategic Decision Making: Turning Data into Knowledge for the Research Enterprise

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Advancing Science, Technology and Health

Content + Technology + Analytics
New Forms of Discovery

- **Mendeley Suggest**
  - Personalized recommendations based on reading history
- **Related Articles**
  - Relatedness based on document similarity
- **Recommender Frameworks**
  - Implement recommendations as a service
- **Third-party Recommender Services**
  - Serve niche audiences
- **Share Metadata**
  - Metadata about the paper
  - Metadata about the researcher
- **Readership vs. citations**
Research Intelligence Portfolio

**CORE**

**SciVal** (External View)
Ready-to-use tools to analyze the world of research, and to establish, execute and evaluate optimized strategies for the research organization.

- Overview
- Benchmarking
- Collaboration
- Funding

**Pure** (Internal View)
Comprehensive research information management system to enable evidence-based decisions, promote collaboration, simplify administration and optimize impact.

- Administration
- Reporting
- Import
- CV
- Award Management
- Assessment
- Portal (Experts, Institutional)

**Analytical Services**
Customized analysis, reports and services.

- Analytical Report Services
- Data Integration Services
- Reviewer Finder
- Custom Solution for Funders
- Scopus Custom Data
- Author Profile Refinement Services
- Fingerprint Engine

**COMPLEMENTARY TOOLS AND RESOURCES**

**Scopus**
The largest abstract and citation database of peer-reviewed literature; the broadest source of global, relevant scientific research, with tools that track, analyze and visualize research.

**Mendeley**
A free reference manager and academic social network that can help organize research, collaborate with others online, and discover the latest research, as well as other meaningful trends in global research activity.
Inform Decision Making Throughout Research Life-cycle

**Enable Research**
- Develop Strategy
- Identify/Recruit Researchers
- Secure Funding
- Establish Partnerships
- Manage Facilities

**Conduct Research**
- Search, Discovery, Read, Review
- Collaborate, Network
- Experiment
- Analyze, Synthesize

**Share Research**
- Manage Data
- Publish, Disseminate
- Commercialize
- Promote
Research Networking

- Concept search
- Similar Expert search
- "Copy and Paste text" search
- Research units search
- Research outputs search
- Co-author Network visualization
- Institutional Network visualization
Experts: Preferred Research Networking Solution in the World

Statistics account for all live SciVal Experts instances as of Jan 29, 2014

- **2012**
  - VIVO-Compliant Experts Instance Launched

- **22 CTSA Institutions w/ Experts**
- **3.5M Publications**
- **>116,000 Expert Profiles**
- **Eighty-two # of instances worldwide**
- **Connectivity w/ 80 Institutions around the globe**

Countries with Experts Instances: 14
Evidence-based Strategic Planning

Using advanced data analytics super-computer technology, SciVal allows you to instantly process an enormous amount of data to generate powerful data visualizations on-demand.
Global Benchmarking

• Snowball Metrics

• Quality and efficiency across higher education’s research and enterprise activities
  - Universities drive process bottom up
  - Draw on all data sources: university, proprietary and public
  - System-agnostic, calculated regardless of systems/data structures
  - Any organization (incl. commercial) can use the metrics, at no cost

• National Working Groups
  - United Kingdom
  - United States
  - Australia/New Zealand
  - Japan*

http://www.snowballmetrics.com/
Sharing & Connecting Research Information

Elsevier Research Intelligence

ELSEVIER

VIVO
connect • share • discover

casraï
Connecting Research

PROFILES
Research Networking Software

euroCRIS
Current Research Information Systems

The Research Networking Collaborative

cross
Text and Data Mining

SciENcv
Science Experts Network Curriculum Vitae

Scopus

ORCID
Thank you!

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