

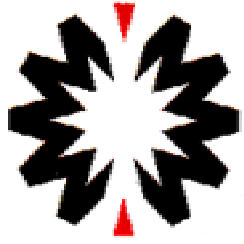
New developments:

B) Enhanced access to research and public sector information. A new growth driver?

David C. Prosser

Director, Scholarly Publishing and Academic Resources Coalition Europe



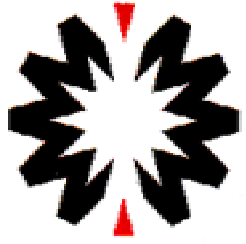


SCHOLARLY PUBLISHING & ACADEMIC RESOURCES COALITION
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Lessons from Open Access

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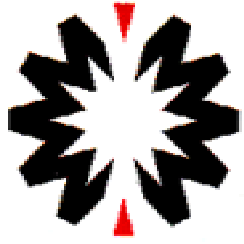


Economic Agenda

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- Creation of Knowledge Environment
- Encouragement of Technology Transfer
- Development of empowered citizens
- Support for development agenda

Open access supports all these strands of the
Economic Agenda



Concept of Open Access

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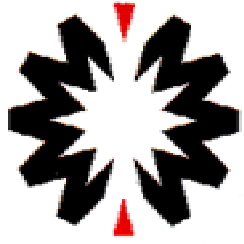
Scholarship is built on exchange of knowledge and collaborations (as well as competition!)

Scholarship thrives in an open environment, where no financial barriers are placed between readers and information

Open access is the *free, unrestricted access* on the public internet to the literature that scholars give to the world *without expectation of payment*

Open access is fully compliant with and does not conflict with copyright

Open access business look to earn income on revenue streams other than subscriptions



Benefits of Open Access

Open Access to Data

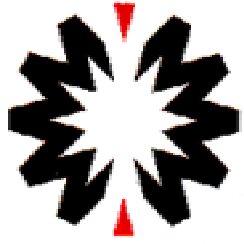
Allowing data to be used, reused, repurposed, shared, mined, etc. makes it more valuable:

- Human Genome Project
- Clinical trials
- Weather and environmental data,
- Chemical structures, etc. etc.

Open Access to the Research Literature

Increasing evidence shows open access papers have wider dissemination, are downloaded and cited more often, so:

- accelerating research
- enriching education
- sharing learning among rich and poor nations
- enhancing return on taxpayer investment in research.



Open Access Mandates

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The benefits of open access are leading many funding bodies (both Government and private) to mandate open access

US National Institutes of Health, US:

- requires ‘investigators submitting an NIH application seeking \$500,000 or more in direct costs in any single year are expected to include a plan for data sharing or state why data sharing is not possible.’
- ‘requests and strongly encourages all investigators to make their NIH-funded peer-reviewed, author's final manuscript available to other researchers’

Wellcome Trust requires grantees to deposit an electronic version of their peer reviewed research articles in a repository no later than six months after the date of publication.

Increasing numbers of individual research organisations and institutions are putting in place mandates, including:

- CNRS, CERN, Queensland University of Technology, Bielefeld University, University of Bremen, University of Hamburg, Universidade do Minho, University of Southampton, Case Western Reserve University