IS THE TIDE TURING IN FAVOUR OF UNIVERSAL AND EQUITABLE OPEN ACCESS?

MOUMITA KOLEY, DST-CPR, IISC, BANGALORE, INDIA & CONSULTANT, ISC, THE FUTURE OF SCIENTIFIC PUBLISHING.

SCIENCE AS PUBLIC GOOD

Pandemic showed us how important immediate access to knowledge is...

Scientific journals are the main outlet to circulate, scrutinize, and test new knowledge, but this global network is fragmented.

FRAGMENETD GLOBAL NETWORK

Open Access by country. Showing output counts, number and percentage of accessible outputs published between 2000 and 2021.

COUNTRY	OPEN ↓	BREAKDOWN PUBLISHER OPEN BOTH OTHER PLATFORM OPEN	TOTAL PUBLICATIONS	OPEN PUBLICATIONS
GERMANY	40%		2,308,805	922,700
FRANCE	46%		1,175,224	544,401
NETHERLANDS	52%		822,674	430,439
UNITED KINGDOM	49%		3,200,782	1,583,408
INDIA	28%		1,421,958	402,836
CHINA	27%		5,316,711	1,431,122
UNITED STATES	41%		11,553,694	4,705,694
BRAZIL	65%		1,251,608	808,841
ARGENTINA	51%		168,089	86,515
AUSTRALIA	40%		1,397,686	553,187
SOUTH AFRICA	50%		314,700	157,780

Status of Open Access retrieved from Curtin Open Knowledge Initiative (COKI); https://open.coki.ac/ (May 2023)

International Science Council

Latest updates

BLOGS

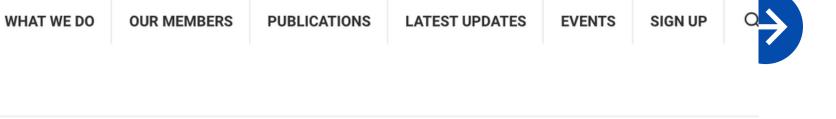### Is the Tide Turing in Favour of Universal and Equitable Open Access?

Moumita Koley, ISC consultant on the Future of Scientific Publishing, shares her insights on the prevailing academic publishing model – largely under the control of commercial publishers – and sheds light on the emergence of alternatives, steadily gaining prominence within the scholarly community.

A tweet on the blog

Is the Tide Turing in Favour of Universal and Equitable Open Access? [Betteridge's law of headlines is an adage that states: "**Any headline that ends in a question mark can be answered by the word no**."

A LinkedIn repost

and nonsustainable

"there is far more that I agree with, including the problems with 'big deals', the **inequitable nature of article publication charges (APCs)**, and growing evidence that the shift to #openaccess has incentivised quantity to the detriment of integrity in scientific publishing.
I also agree that (commercial) publishers are part of the problem, but would argue that so are funders, institutions and the research community in the way they perpetuate existing reward and incentive structures."

EDITORIAL BOARD TAKING A STAND

NEWS | 21 April 2023

nature

Editors quit top neuroscience journal to protest against open-access charges

Members of the departing editorial teams say that the fees to publish articles are unsustainable.

CPHN
July 5 2023
Critical Public Health Network

BREAKING NEWS – Editorial resignation and new Journal of Critical Public Health established

In the same line as QSS, the editors decided to set up an open-access journal with MIT Press (APC NeuroImage is USD 3,450, and the proposed journal is expected to be half.)

January 13, 2019

IHE Inside Higher Ed

Editorial Mutiny at Elsevier Journal

Following in the footsteps of linguistics journal Lingua, the editorial board of the Elsevier-owned Journal of Informetrics has resigned and launched a rival journal that will be free for all to read.
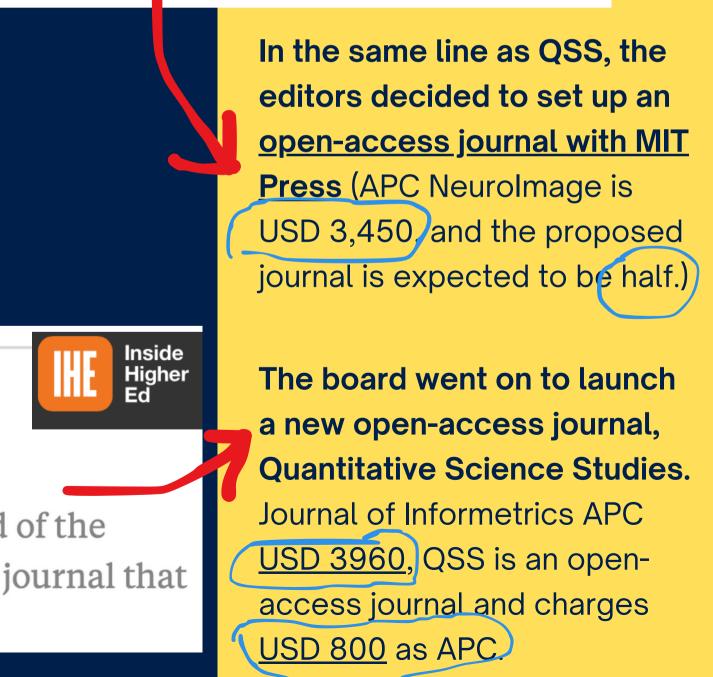
The board went on to launch a new open-access journal, Quantitative Science Studies. Journal of Informetrics APC USD 3960, QSS is an open-access journal and charges USD 800 as APC.

Ph.D. Stipend Comparison

Country	Degree	Stipend (U.S.$)
Brazil	MS/MA	294
	PhD	431
Mexico	MS/MA	588
	PhD	783
India	PhD	~500 USD*
	PhD	978*
Indonesia	MS/MA	195
South Africa	MS/MA	670
	PhD	687

Challenegs in Current System

Lack of openness

Delays and inefficiencies

High costs & inequities

Problematic incentives

Inadequate use of digital technologies

Non-Profit Community-Led Models are needed

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