

PHILOSOPHY

EPISTEMIC DISRUPTION

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A new First [Monday paper](#) examines our modern publishing system that has been driving the art of doing science into a primitive strategy of making impact points.

These disruptive forces are represented by changing technological, economic, distributional, geographic, interdisciplinary and social relations to knowledge. The article goes on to examine three specific breaking points. The first breaking point is in business models – the unsustainable costs and inefficiencies of traditional commercial publishing, the rise of open access and the challenge of developing sustainable publishing models. The second potential breaking point is the credibility of the peer review system: its accountability, its textual practices, the validity of its measures and its exclusionary network effects. The third breaking point is post-publication evaluation, centered primarily around citation or impact analysis. We argue that the prevailing system of impact analysis is deeply flawed.

yea, yea.