



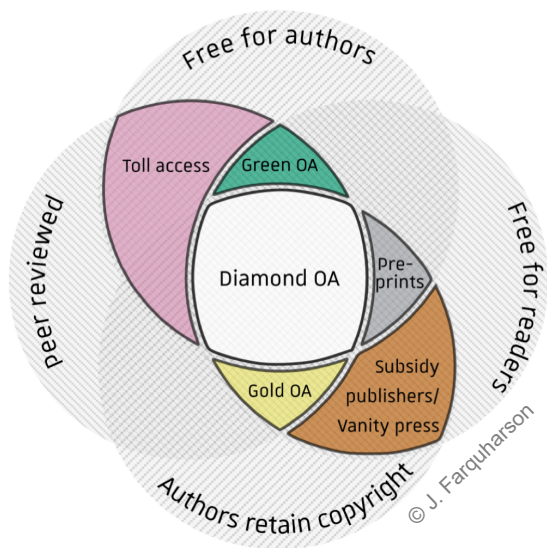
So, let's... Do it ? I have basically zero experience in editing. But ... Why not?

9:44 PM · Nov 25, 2020 · Twitter for Android

How it all began...

In November 2020, Springer Nature announced a new Open Access publishing model, with associated article processing charges of close to 10,000 €/£/\$. This announcement sparked a lively discussion on Twitter regarding the many **ethical concerns of for-profit publishing**, including financial gatekeeping and allocation of public research funds.

Following the example of the community-led Diamond Open Access journal *Volcanica*, a group of eager seismologists decided to start a **free-to-read, free-to-publish, peer-reviewed** journal for the seismological community:



Mission & Scope

With *Seismica* we want to create a publishing environment that is **accessible, inclusive, and fair to all**. This will be achieved through a diverse representation on the editorial board, explicit instructions to authors, reviewers, and editors, and of course through zero costs for authors and readers. In this way, we aim to lower the threshold for underrepresented academics to participate in the global scientific discussion.

To serve the seismological community to its fullest extent, *Seismica* will adopt a broad scope that covers studies on **fault-slip phenomena** (earthquake source, rupture dynamics), **earthquake records** (palaeo-/archaeoseismology, geology), **wave propagation** (tomography, computational seismology), **techniques & instrumentation** (seismometry, field deployments), and **community engagement** (communication, teaching). We even go **beyond the solid Earth** (glacio- / urban- / environmental- / planetary- / helioseismology).

SEISMICA

shorter

Peer-reviewed, free to read, free to publish

Publication types

Besides research and review articles, *Seismica* will accept submissions in shorter format that are traditionally more difficult to publish in many venues for seismological research. These other formats include:

Earthquake reports: extended analyses of recent or lesser-known (a)seismic events. These reports are intended as a starting point for in-depth investigations, or as readily accessible resources for review and data mining studies.

Null-results (a.k.a. failed science): detailed descriptions of methods that confirm the null-hypothesis, or that did not yield the expected results. Reports of null-results are important to map out the limitations of scientific methods.

Software/code descriptions: citable and peer-reviewed numerical method papers, with a focus on accessibility (GitHub, Zenodo), reproducibility (documentation and examples), and validity (test suites and benchmarks).

Instrument deployment reports: descriptions of seismic/geodetic networks, arrays, and instrumentation campaigns, including directives to access the data.

Community building

Since *Seismica* will be a journal for the community and by the community, building a strong foundation with broad support is one of the key tasks for the steering committee. At present, our main lines of communication go through **Twitter (@WeAreSeismica)**, a mailing list, and through a dedicated **Slack space** that is open to anyone (contact info@seismica.org to participate).

Within the Slack channel, discussions are held on matters such as the journal's scope, library host, and outreach strategies. Most recently, a logo design competition was held, resulting in the logo prominently placed above, designed by Adam Pascale (and retouched by Lucia Perez-Diaz).

Out of the > 150 participants in the Slack channel, the vast majority originates from or currently resides in North America and Europe. **Engaging with colleagues from developing countries and the global south remains a challenge.** It is therefore a key priority to increase the geographic reach of *Seismica*'s message.



VOLCANICA

tektonika

Sedimentologika