

Subject: The Seismic Record's First Issue
Date: Wednesday, 7 July 2021 at 10:32:42 PM Hong Kong Standard Time
From: Seismological Society of America
To: Yen Joe Tan (SFO)



membership@seismosoc.org
510-525-5474

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The Seismic Record: First Issue Now Online

AUTHORS ARE DIVERSE, SEEKING RAPID PUBLICATION OF RESULTS

Dear Yen Joe:

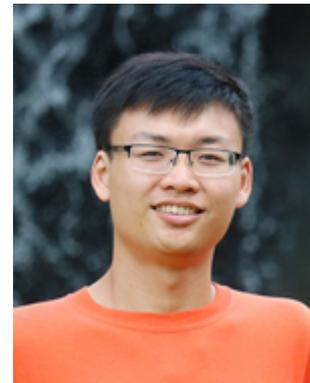
If you haven't checked out SSA's open-access journal *The Seismic Record (TSR)*, our first full issue is online now. We are proud of the diverse authorship and content that marks this inaugural issue. From regional seismic studies to instrumentation advances to explosion seismology, we think *TSR* 1-1 is a good illustration of the breadth and timeliness that we aim to cultivate in this journal.

But what do our authors think?

TSR's reach was a big reason that many of our authors chose to publish with us. "We were hoping to reach the general seismology community and thought that publishing in the first issue of *The Seismic Record* would be a good way of achieving that goal," says Yen Joe Tan of The Chinese University of Hong Kong.

In their [paper](#), Tan and his colleagues reported on a machine learning technique for building an earthquake catalog for the 2016-2017 Central Italy Sequence. "With supervised learning, I'm hoping that it can really speed up and improve the resolution of our earthquake catalog production workflow. If we can precisely locate even the smallest earthquakes in real time, that will significantly improve our ability to characterize the behavior of active faults and could aid earthquake early warning and forecasting," he says.

In her *TSR* [paper](#) with Maximilian Werner, University of Bristol researcher Joanna Holmgren discussed how Raspberry Shake instruments helped monitor seismicity at a UK geothermal project. "My first project as a researcher in seismology focused on mining-induced seismicity," she recalls. "It was a small project, but seeing the time series of these tiny quakes got me interested in man-made earthquakes and understanding their source mechanisms."



Holmgren and Werner submitted their paper to *TSR* "because it has a fast publication process while keeping the quality of the research high through its peer-review process," she explains. "Our research was timely considering the increasing interest in citizen-based seismic instruments, and we hope that through *TSR*'s open-access and short paper format, our study will reach a wider audience and help prompt more researchers to examine the potential of these types of instruments."



In the last year of her Ph.D. studies, Valeria Cascone of the University of Padova in Italy published a *TSR* [paper](#) with her colleagues on her research evaluating seismic monitoring with low-cost MEMS sensors. The authors decided to submit their paper to *TSR* to reach "a heterogeneous geophysical and seismological audience," she says, since the sensors could have applications across a range of fields.



We hope you have enjoyed reading the outstanding research by these authors and others in our [first issue](#). And if you want to join them, we encourage submissions across the breadth of seismology and earthquake science. Thanks again to all our authors for contributing to an excellent launch, and see you next issue.

Best,

Keith Koper
Editor-in-Chief, *The Seismic Record*

Seismological Society of America
400 Evelyn Avenue, Suite 201
Albany, CA 94706-1375
United States

Email info@seismosoc.org
Call us: 510-525-5474

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