**ABOUT THIS ISSUE**

Subduction zones—some of the most active geological regions on Earth—are also home to dynamic landscapes and destructive geological events. The Cascadia subduction zone (also known as Cascadia) runs along much of the western margin of North America and occupies an influential place in the global pantheon of subduction zones. Cascadia is known as the quintessential “hot and dry” endmember of subduction zones produced by the subduction of relatively young oceanic crust, and studies of Cascadia have enriched our global understanding of subduction, continent assembly, and many related geodynamic processes.

**Dear Elements readers,**

It is our enthusiastic pleasure to bring the latest copy of *Elements* magazine to your mailbox, desktop, or mobile device. Did you know that each issue takes upward of two years to complete from start to finish? The process begins simply as an idea, a theme of general interest that is carefully constructed by readers like you, in the form of a thematic proposal. The *Elements* Editorial Board reviews thematic proposals twice per year, and accepted themes are assigned to an issue and publication date.

The first big step for our Guest Editors is to confirm their preferred author teams, who will write the bulk of each issue, namely, the thematic articles. Although these are *invited* manuscripts, they still undergo rigorous peer review and many stages of revision prior to publication. Each manuscript is repeatedly passed between the authors, reviewers, Guest Editors, Principal Editor, Copyeditor, Proofreader, and Executive Editor to strategically match the magazine’s style, tone, and length requirements. We strive for the content of our magazine to be technical but also accessible and enjoyable to our broad readership, which includes many students and others who may be unfamiliar with the themes and terms. We also work with 21 Society News Editors who report on the current events within their participating or affiliate society, as well as feature authors who contribute short, one- to two-page feature columns.

Once the issue’s content has been accepted by all involved parties, the full set of files and figures are sent to our graphics team, led by Michel Guay of Pouliot Guay Graphistes Inc., based in Quebec, Canada. Michel has been with *Elements* since its very first issue in 2005 and is the graphical visionary behind our beautiful magazine. Bravo, Michel! After a final round of proofing, the issue’s contents are sent to our publisher, Allen Press, based in Kansas, USA, for printing. Allen Press ships print copies to subscribers based in the U.S., while the majority of print copies are then sent to APC Postal Logistics in Maryland, USA, for shipping to non-U.S. addresses. Our esteemed database manager, Dr. Alex Speer, meticulously ensures that each issue is sent to all current members of our participating societies and other subscribers.

As you hold this issue in your hand or read it online, we hope that you will take a moment to reflect, as we often do, on the several dozens of dedicated people around the world who have collectively coordinated its creation. We are so grateful for the tremendous efforts of our editors and contributors, as well as you—our subscribers—to whom this magazine is warmly dedicated. We thank you for your support!

To all those curious about getting involved with *Elements*, please consider submitting a thematic proposal or contacting the Editorial Team to learn how you can become a contributing author. *Elements* is your magazine. We look forward to hearing from you soon.

Richard Harrison, Becky Lange, Janne Blichert-Toft, Esther Posner, and Jodi Rosso

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**EDITOR’S CORRIGENDUM**

The *Elements* Editorial Team expresses its sincere apologies for an unfortunate typo in last issue’s Society News section, accidentally listing Dr. Tom G. Kotzer, the recipient of the Mineralogical Association of Canada’s Hawley Medal for the best paper published in *The Canadian Mineralogist* in 2021, as deceased. We are grateful to share that Tom is alive and well. This was a typographical mistake on our end that was regretfully missed during proofing. We deeply apologize to Tom and those who were negatively impacted by this error. On the positive side, there’s an old German saying, *Totgesagte leben länger*, which, in this case, roughly translates to “those who are prematurely called deceased live longer.” On that note, we wish Tom all the best in his many years of life ahead of him and apologize again for this unintended error.

**“Working on the latest issue of Elements has been a career highlight for me.”**

Sebastian Naeher (GNS Science, New Zealand)

Now accepting thematic proposals for our 2024–2025 line-up.

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