

March 2022

We are appalled, angered and deeply saddened by the unprovoked Russian invasion of the sovereign nation of Ukraine. The devastation to life, property and national dignity is unacceptable and our hearts ache for the Ukrainian people, including fellow educators and students. We urge you all to take a moment to offer kindness and support to those who are suffering aggression and injustice, both in Ukraine and around the world, at this time. Please make your actions matter, even in small ways.

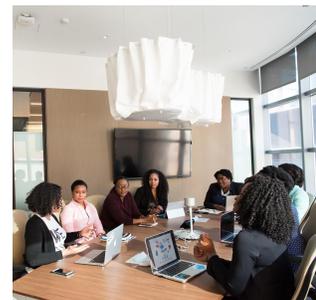
Recognizing Women’s History Month

Though politics often reinforce borders, science transcends such boundaries—every day, the world grows smaller as scientists from around the globe join forces to solve problems and study our planet. The global scientific community is composed of an increasingly diverse body of talented, inquisitive individuals from all genders, sexualities, ethnicities, and walks of life. AGU’s Education Section seeks to foster and promote this growing diversity in its own community by offering a wide variety of resources to support students and educators from all backgrounds, particularly those hailing from historically underrepresented groups in the sciences.

In honor of Women’s History Month, this March edition of our newsletter highlights a selection of articles, involvement opportunities, and scholastic programs aimed to encourage accessible education and professional development for women in the Earth and space sciences. Additionally, linked below are several opportunities for involvement in the AGU community that are open to all—we welcome you to join us!

500 Women Scientists

The [Education Section’s own Susan Cheng](#) is a leader in this grassroots organization, which aims to provide a voice for marginalized communities in science. STEM women from around the world have joined together to create an inclusive, diverse community of scientific leaders and communicators. 500 Women Scientists emphasizes the enhancement of global diplomacy through community building, strategic planning, and direct action executed through local pod groups.

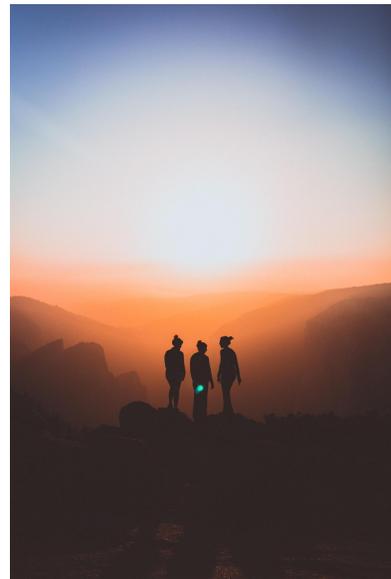


Learn more about 500 Women Scientists [here!](#)

Women in Geoscience

Below are featured several organizations that focus on supporting women in the geosciences. These groups emphasize the importance of community, and offer a variety of resources for women geoscientists from all stages of career development.

- [Earth Science Women's Network](#): ESWN is dedicated to cultivating communities, fostering careers, and empowering women in the earth sciences through the spectrum of professional development.
- [Association for Women Geoscientists](#): AWG is devoted to enhancing the quality and level of participation of women in geosciences through networking, mentoring and the creation of educational opportunities.
- [GeoLatinas](#): focused on embracing, inspiring, and empowering Latinas to pursue careers in the geosciences, Geolatinas seeks to promote the involvement of both current and future generations of Latin American women.



Trekking with Laura Guertin

Explore the AGU blogosphere with Laura Guertin's GeoEd Trek! Drawing from her research regarding the impacts of technology on geoscience education, Guertin's blog highlights topics in science communication, technology resources, and educational outreach. Subscribe now for the latest posts and participate in a community of geoscience educators!



Credit: AGU

The GeoEd Trek blog can be found [here](#).

The Importance of Interactivity

[The Fluid Earth \(FE\)](#) is an interactive data visualization of Earth's atmosphere initially designed as an informal education tool. In a recent Journal of Geoscience Education article, Jason Cervenec et al. present FE as a learning mechanism in a formal education setting, and suggest that hands-on, interactive learning with the FE website provided a more engaging educational experience than passive learning from videos.



Click [here](#) for the full open-access article!

Bridge Program Student Applications Open Now!

The AGU Bridge Program increases opportunities for students from historically marginalized populations to obtain graduate degrees and create a network of peers, mentors, and advisers to support and serve them before, during and after graduate school. If you have a degree closely related to geosciences, please apply to be a part of this great program.

Student applications are open between now and March 31st—click [here](#) to learn more and apply!



Spring Grant Applications Open Now!

AGU offers many great opportunities—primarily to students—to support travel to AGU meetings and conduct research in specific Earth and space science fields. Please review eligibility requirements and application deadlines before applying, and direct any questions to grants@agu.org.

Click [here](#) to access the grant list and application portal. Applications for research grants are due by April 15th!



AGU Needs YOU!

The Education Section is looking for volunteers to fill leadership positions now! We are seeking candidates for president-elect and secretary—join us in our mission to provide a home and voice for educators and education researchers in all areas of geoscience!

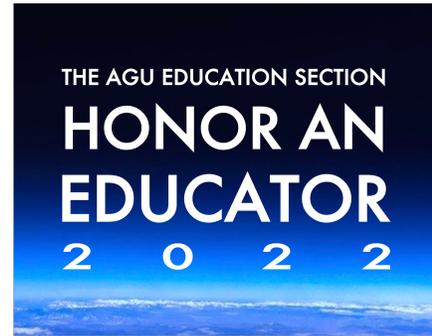
We also welcome participation in our working groups, such as [Diversity, Equity, and Inclusion \(DEI\)](#), [Students and Early Career \(SEC\)](#), and Geoscience Education Research. If you'd like to contribute to a community involved in education, outreach, and science communication, these groups are for you!

Please contact [Education Section President Tanya Furman](#) at furman@psu.edu for details.



Support AGU and the Education Section

AGU extends its gratitude to all who donate—your contributions are what allow us to continue to enhance connectivity across all of the Earth and space sciences by providing educational expertise, scholarship, and partnership development with other organizations and the public. Your contributions to campaigns like Honor an Educator make it possible to enhance professional inclusivity for teachers and researchers around the world.



The Education Section welcomes your continued support! Please click [here](#) to learn more about donating to AGU and the Honor an Educator campaign.

AGU supports 130,000 enthusiasts to experts worldwide in the Earth and space sciences.



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